

TRADITIONAL VILLAGE OF TOGIAK

2020-2025 FINAL-ADOPTED

TRIBAL TRANSPORTATION SAFETY PLAN

December 2019

Prepared for:

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ACRONYMS AND ABBREVIATIONS

°F	Degrees Fahrenheit
%	Percent
AHSO	Alaska Highway Safety Office
ARRA	American Recovery and Reinvestment Act of 2009
ATV	All-terrain vehicle
BBAHC	Bristol Bay Area Health Corporation
BBNA	Bristol Bay Native Association
BIA	Bureau of Indian Affairs
Bristol	Bristol Engineering Services Company, LLC
BUILD	Better Utilizing Investments to Leverage Development
CDC	Centers for Disease Control and Prevention
Community	Togiak
Council	Traditional Council of Togiak
CPO	City Police Officer
DCCED	Department of Commerce, Community, & Economic Development
DHSS	Department of Health and Social Services
DOT&PF	Department of Transportation & Public Facilities
EMS	Emergency Medical Services
FARS	Fatality Analysis Reporting System
FAST	Fixing America's Surface Transportation
FHWA	Federal Highway Administration
FLTP	Federal lands transportation program
HBRRP	Highway Bridge Replacement and Rehabilitation Program
HES	Hazard Elimination Program
HPR	Highway Planning and Research
HSIP	Highway Safety Improvement Program
HSO	Highway Safety Office
HSP	Highway Safety Plan
IM	Interstate Maintenance
in	Inches
ITS	Intelligent Transportation System
LRTP	Long-Range Transportation Plan
LTAP	Local Technical Assistance Program

NHI	National Highway Institute
NHTSA	National Highway Traffic Safety Administration
NTTFI	National Tribal Transportation Facilities Inventory
RSA	Road Safety Audits
RTAP	Rural Transportation Assistance Program
SHSP	Strategic Highway Safety Plan
SMS	Safety Management Systems
STIP	Statewide Transportation Improvements Program
STP	Surface Transportation Program
THSIP	Tribal Highway Safety Improvement Program
TPO	Tribal Police Officer
TTAP	Tribal Technical Assistance Program
TTP	Tribal Transportation Program
TTPSF	Tribal Transportation Program Safety Funds
TTSP	Tribal Transportation Safety Plan
VPO	Village Police Officer
VPSO	Village Public Safety Officer
WRCC	Western Regional Climate Center

1.0 INTRODUCTION

On behalf of the Traditional Council of Togiak (Council), Bristol Bay Native Association (BBNA), by means of a professional service agreement with Bristol Engineering Services Company, LLC (Bristol), developed this Strategic Tribal Transportation Safety Plan (TTSP) for Togiak, Alaska (Community). This TTSP was developed through the Federal Lands Transportation Program (FLTP) using Tribal Transportation Program Safety Funds (TTPSF). Together, our team is building on information from the Federal Office of Highway Safety, the Alaska Highway Safety Office (AHSO), and our partner communities to develop a strong message of Highway Safety for our Tribes within the Bristol Bay Region.

BBNA is an Alaska Native Regional Non-profit Corporation and a tribal consortium. Incorporated under state law, corporation bylaws are structured as a pure tribal consortium. The 31 federally recognized tribes in the Bristol Bay region make up the members of the non-profit corporation. The 31 tribes are represented on the BBNA Board of Directors by their elected tribal presidents, or the president's designee (who must be a tribal member). Therefore, BBNA is directly controlled by the tribal governments it represents. BBNA is a federally recognized tribal consortium for contracting purposes and is a "Tribal Organization" as defined in the Indian Self-Determination and Education Assistance Act. BBNA operates dozens of grants and contracts under various types of eligibility. Eligibility of each grant is controlled by the regulations and authorizing legislation of each particular funding source. BBNA operates both Indian and non-Indian programs.

This TTSP has been coordinated with the Alaska Strategic Highway Safety Plan (SHSP), developed in accordance with Federal Highway Administration (FHWA) standards, and was outlined in reference to the FHWA manual titled "Developing Safety Plans: A Manual for Local Rural Road Owners." The Council plans to apply for funding through this plan for transportation safety projects in subsequent years.

The purpose of this plan is to use existing data to identify transportation safety issues, prioritize activities to address these issues, and identify potential funding sources to implement the activities. The TTSP evaluates all modes of transportation including, but not limited to aviation systems, ferry and water systems, local roads, seasonal trails, pedestrian transportation, and bus and transit systems. This project helps develop a model process for a wide variety of tribal and state level circumstances to provide Tribes with a plan for the development of successful future transportation projects. Resources and strategies identified in this plan will improve the Tribe's ability to identify hazardous roadway locations and features, and to develop and prioritize transportation safety projects.

1.1 MISSION

The mission of this TTSP is to save lives and prevent injuries on the local transportation system by implementing strategies using the 4E's of Safety: Education, Enforcement, Engineering, and Emergency services. The TTSP prioritizes these strategies through evaluation of crash data, public involvement, and the condition of existing transportation facilities. Development of this plan enables the Council to identify risk, evaluate corrective measures, and seek funding for safety projects that maximize safety to prevent deaths and major injuries.

1.2 PROCESS

This TTSP was developed through guidance from the Council, following the process outlined below:

1. Collect community background information from available resources such as existing community planning documents
2. Conduct an initial meeting with the Council and/or interview Council members to collect preliminary information about safety issues and local safety resources
3. Research available transportation safety data such as traffic counts, crash data, and hospital records
4. Develop and distribute a community survey to collect additional data regarding transportation safety issues and community priorities
5. Use data and survey results to identify safety emphasis areas for the TTSP
6. Develop a Draft TTSP and an implementation plan for the Council to review
7. Hold a public meeting to present the Draft TTSP and emphasis areas to the Community and collect public comment
 - a. A public meeting was held in the community on January 25, 2019. Public involvement documentation is provided in Appendix A.
8. Develop a Final Draft TTSP for the Council to review, incorporating Council and Community comments from the public meeting
9. Develop and adopt a Final TTSP

1.3 BACKGROUND

This section provides background information about the Community including location, history and culture, transportation and access, and climate data.

1.3.1 Location

Togiak is located at the head of Togiak Bay, 67 miles west of Dillingham. It lies in Togiak National Wildlife Refuge and is the gateway to Walrus Island Game Sanctuary (Exhibit 1). Within the Bristol Bay Recording District and the Dillingham Census Area, the Community is located at approximately 59.0597 degrees north latitude and -160.3775 degrees west longitude within Section 12, Township 013S, Range 067W of the Seward Meridian. The Community consists of 45.2 square miles of land and 183.3 square miles of water (Department of Commerce, Community, and Economic Development [DCCED], 2018).

Exhibit 1: Community Location Map

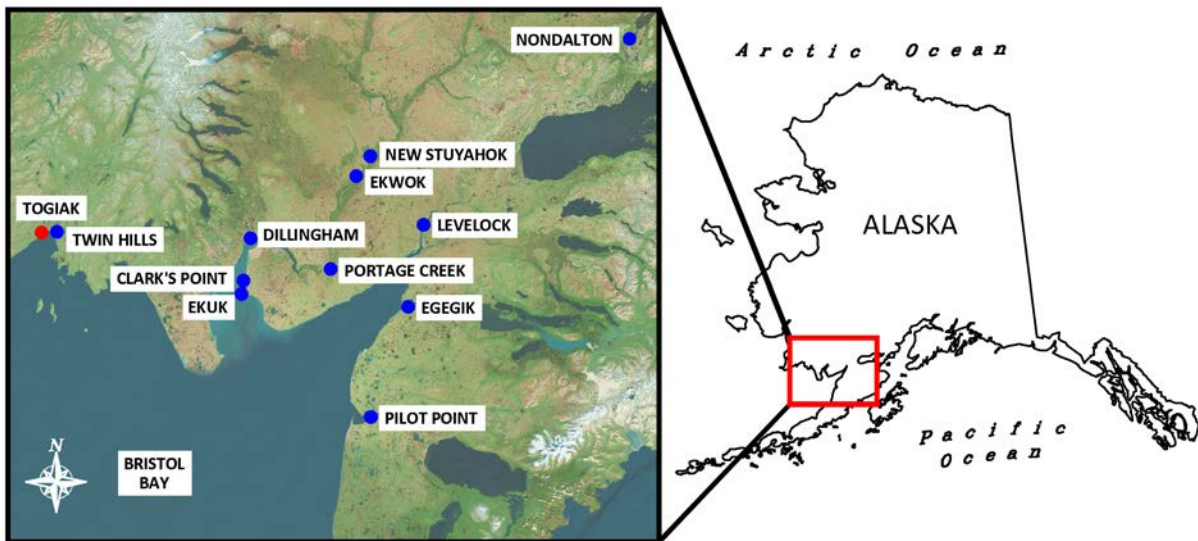


Image source: Bing Geomap, AutoCAD Civil 3D, 2018

1.3.2 History & Culture

In 1880, "Old Togiak" or "Togiagamute" was located across the bay and had a population of 276. Heavy winter snowfalls made wood gathering difficult at Old Togiak, so gradually people settled at a new site on the opposite shore, where the task was easier. Many residents of the Yukon-Kuskokwim region migrated south to the Togiak area after the devastating influenza epidemic in 1918-19. A school was established in an old church in 1950. A school building and a National Guard armory were constructed in 1959. Togiak was flooded in 1964, and many fish racks and stores of gas, fuel oil, and stove oil were destroyed. Three or

four households left Togiak after the flood and developed the village of Twin Hills upriver. The city government was incorporated in 1969 (DCCED, 2018).

Today, the Community a Second Class City home to approximately 870 people. Togiak is a traditional Yup'ik Eskimo village with a fishing and subsistence lifestyle (DCCED, 2018).

1.3.3 Transportation & Access

A state-owned lighted gravel airstrip with a crosswind airstrip is available. Scheduled and chartered flights are dispatched from Dillingham. Freight is brought in by air or barge and lightered to shore. Skiffs, autos, all-terrain vehicles (ATVs), and snow machines are used for local transportation (DCCED, 2018).

1.3.4 Climate

Togiak falls within the transitional climate zone, characterized by tundra interspersed with boreal forests, and weather patterns of long, cold winters and shorter, warm summers. Fog and high winds are prevalent during the winter. The bay is ice-free from June through mid-November (DCCED, 2018).

Average monthly climate data from the nearest weather station is provided in Table 1.

Table 1: Local Monthly Climate Summary

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (°F)	22.1	23.0	29.3	38.2	50.3	58.7	62.5	60.6	53.9	39.7	28.7	20.7	40.6
Average Min. Temperature (°F)	10.1	9.8	14.9	24.6	34.9	43.2	47.4	46.6	40.3	26.5	16.7	8.1	26.9
Average Total Precipitation (in.)	1.79	1.35	1.49	1.01	1.47	1.93	2.79	3.92	3.47	2.21	2.19	1.87	25.48
Average Total Snowfall (in.)	17.1	11.2	13.2	5.4	0.3	0.0	0.0	0.0	0.1	2.1	15.5	18.1	82.9
Average Total Snow Depth (in.)	17	18	18	12	1	0	0	0	0	0	4	12	7

Source: Western Regional Climate Center (WRCC), 2018 Alaska Summaries for Dillingham FAA Airport, Alaska Station 502457 for Period of Record 12/2/1951 to 12/31/2005.

2.0 EXISTING RESOURCES

This section discusses existing safety resources that are valuable to improving transportation safety within the Community.

2.1 SAFETY TEAM

Within the Council, the Transportation Coordinator typically acts as the “Safety Champion,” responsible for updating this Safety Plan, directing transportation projects, and managing safety resources. The Tribal Administrator also oversees safety projects. Both positions work with Council members to make decisions that benefit the health and safety of the community. Law enforcement in Togiak includes two State Troopers, one Village Public Safety Officer (VPSO) employed through BBNA, one City Police Officer (CPO), one Tribal Police Officer (TPO), and one compliance officer for assistance. The local police officers enforce the rules of the road and other safety standards within the community. Together the Council and law enforcement make up the Togiak safety team.

2.2 SAFETY PARTNERS

Safety partners are essential to a successful safety plan. The following safety partners work together to improve transportation safety within the community and ensure the public has access to safety resources:

- Traditional Village of Togiak
 - The local Tribal Government is responsible for developing and updating this Plan, as well as coordinating with the other Safety Partners to manage safety and transportation improvement projects within the community. The Tribe also maintains the roads and public transportation facilities, keeping them safe for public use.
- City of Togiak
 - The City works with the Tribe and other local agencies to plan and organize safety improvement projects within the community. The City also has a volunteer fire department.
- Togiak Natives Limited
 - The local Native Corporation works with the City and Tribe for safety and community development projects.

- Village Public Safety and Police Officers
 - There is one VPSO and two VPOs, who responds to car crashes, emergencies, and search and rescue needs.
- Alaska State Troopers, Togiak Post
 - One State Trooper is stationed in Togiak to provide law enforcement and police services within the community.
- Togiak Sub Regional Health Clinic
 - The local clinic provides emergency response and medical services for transportation accidents.
- Bristol Bay Area Health Corporation (BBAHC)
 - BBAHC provides tribal health care management and health services for the Bristol Bay region through the Kakanak Hospital out of Dillingham.
- Bristol Bay Native Association (BBNA)
 - BBNA is the regional Native Non-Profit that helps fund and coordinate community development projects, including this Plan, and is a great resources for safety projects.
- Bristol Engineering Services Company, LLC
 - Bristol is the primary author of this Plan, and is a subsidiary company of Bristol Bay Native Corporation (Regional Corporation) and Choggiung Limited (Bristol Bay Village Corporation).
- Alaska Department of Transportation & Public Facilities (DOT&PF)
 - The State's DOT&PF provides numerous resources for transportation safety including safety programs and grants. They also own and maintain the Togiak airstrip.

Many of these safety partners helped provide background information for this Plan. They also helped identify existing safety resources, safety needs within the community, and potential strategies to improve transportation safety.

2.3 OVERVIEW OF EXISTING EFFORTS

This section describes past transportation safety efforts implemented by the Council or other local safety partners.

2.3.1 Law Enforcement

Law enforcement is one of the best ways to improve safety within a community. Various types of law enforcement are stationed in Togiak including two State Troopers, one VPSO, one CPO, one TPO, and one compliance officer. Their roles and responsibilities in law enforcement vary based on their jurisdiction. For example, the VPSO helps with animal control and safety education with minimal traffic enforcement, while the State Troopers have authority to give citations for traffic violations such as speeding and intoxicated driving. In addition, the Alaska Department of Fish and Game patrols local waters in the summers, fining boaters caught without life vests.

2.3.2 “Billy Blue Road” Safe Route to School

The Council was awarded a Safe Routes to School Grant through the Alaska DOT&PF for the planning and design of Billy Blue Road. The proposed road will provide a more direct and safer access to the school. The current access road has an S-curve up a steep incline, which can be hazardous when icy. As of summer 2018, the project was at the 80% design level.

2.3.3 Road Rehabilitation

The Council is diligent about rehabilitating local roads to maintain public safety. Several recent rehabilitation projects exemplify this. For example, some downtown roads were experiencing heavy flooding, so the Council raised the roads and installed new culverts to help mitigate the issue. Some roads were damaged in the winter during snow plowing activities, which needed to be resurfaced in summer 2018. They are installing two new culverts on Hillside Drive, which were also destroyed by grading activities.

2.3.4 Trail Improvements

The Council is also working on improving subsistence trails connecting to Togiak, redesigning and reconstructing primary trails to improve travel safety. The Council is in the process of developing trail maps to improve navigation and reduce the creation of trails on undeveloped land. They are also seeking funding to replace a bridge that was washed out on a creek crossing along the Goodnews Trail. Trail markers have been installed in the past, but most have been damaged or knocked down.

2.3.5 Facility Maintenance

Maintenance of transportation facilities is a major component to keeping the roads safe for public use. The State of Alaska owns and maintains the Togiak airport. The City of Togiak

is responsible for the majority of road maintenance such as road grading, snow plowing, and replacing streetlights. They also maintain the boat launch and barge dock facility. The City owns an excavator, two dozers, a grader, and snowplow equipment.

The Village Council assists with maintenance, if required. The Council owns an excavator, loader, dozer, four 20-yard dump trucks, and a pickup truck to assist with road maintenance. Approximately every 2 years, their maintenance crew cuts brush throughout the community to improve visibility especially at turns and intersections. Whenever there is a severe winter storm, the Council assists the City with snow plowing. The Council also maintains drainage facilities. They use jet hoses to remove ice in culverts and replace damaged culverts as needed.

2.3.6 Driver Education

According to Council members, young drivers are a concern because they have been caught racing, sitting on the front of ATVs, and driving without helmets. Around 2016, the Council gave a talk at the school to help educate young drivers about the dangers of these behaviors. Council members encourage parents to enforce helmet use.

2.4 PLANNING DOCUMENTS

The Community has access to various local, regional, and state planning documents for transportation, safety and community development. These include:

- Togiak Comprehensive Plan, May 2015
- City of Togiak Multi-Hazard Mitigation Plan, October 2009
- Bristol Bay Comprehensive Economic Development Strategy: 2017-2022
- Alaska's Strategic Highway Safety Plan (SHSP)
- Alaska's Highway Safety Improvement Program (HSIP)
- Alaska Statewide Transportation Improvement Program (STIP)

These plans were referenced to ensure this TTSP is consistent with other local planning efforts.

2.5 EMERGENCY RESPONSE RESOURCES

Access to emergency response resources are essential for transportation safety. This section discusses existing local, regional, and state safety resources.

In the event of an emergency, locals call either the VPSO or Trooper. Injured people are transported to the local clinic. Table 2 shows a list of available emergency response contacts within the community. This list may not contain all available resources for the community, and should be updated often.

Table 2: Emergency Response Contacts

Local	Regional / State
Car Crash / Emergencies Village Public Safety Officer 907-493-5212 Or Alaska State Troopers, Togiak Post 907-842-5641	Wildland Fire Southwest Area Forestry Office 907-524-3010 Or Alaska Interagency Coordination Center 1-800-237-3633
Medical Response Togiak Sub Regional Health Clinic 907-493-5511	Recovery-Needs Support American Red Cross of Alaska 1-888-345-4376
Fire Togiak Volunteer Fire Department 907-493-5212	Natural Disaster & Search and Rescue State Emergency Operations Center 1-800-478-2337 (toll free) 907-428-7100 (local Anchorage area)
Utility Damage City of Togiak 907-493-5820	

Note: Local resources were provided by the Council. Regional and State resources were obtained from the "Alaska Emergency Response Guide for Small Communities."

More information regarding emergency response can be found in the "Alaska Emergency Response Guide for Small Communities" prepared in March 2013 by the State of Alaska Military and Veterans Affairs, Homeland Security and Emergency Management.

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3.0 DATA SUMMARY

Crash data and other safety data are valuable to any transportation safety plan. The data is used to identify safety issues, select appropriate countermeasures, and evaluate performance. Other data sources may include traffic citations, hospital records, insurance claims, traffic counts, and anecdotal evidence from safety partners. At least three years of data is recommended to evaluate the overall traffic patterns. Data evaluated in this Plan includes crash data from the Alaska Department of Transportation and Public Facilities (DOT&PF), results from a public survey, and boating accidents from the U.S. Coast Guard.

3.1 CRASH DATA

Safety emphasis areas are chosen based on evaluation of crash data. However, community crash data is limited. The DOT&PF provided crash data for three crashes that occurred in Togiak between the years 2013 and 2018, reported by the Alaska State Troopers. The crashes are summarized below.

3.1.1 Summary

The first reported crash occurred late one clear Sunday night around 12:00 AM in September 2014. The crash took place on Armory Street, a dark-unlit gravel roadway. A 24-year old female was driving a pickup truck with one other occupant. She reportedly had been drinking, was accelerating on the road, and ran off the road into two parked pickup trucks. There were no apparent injuries, but all three vehicles sustained functional damage. The driver was not wearing a seatbelt, and received charges for the damage.

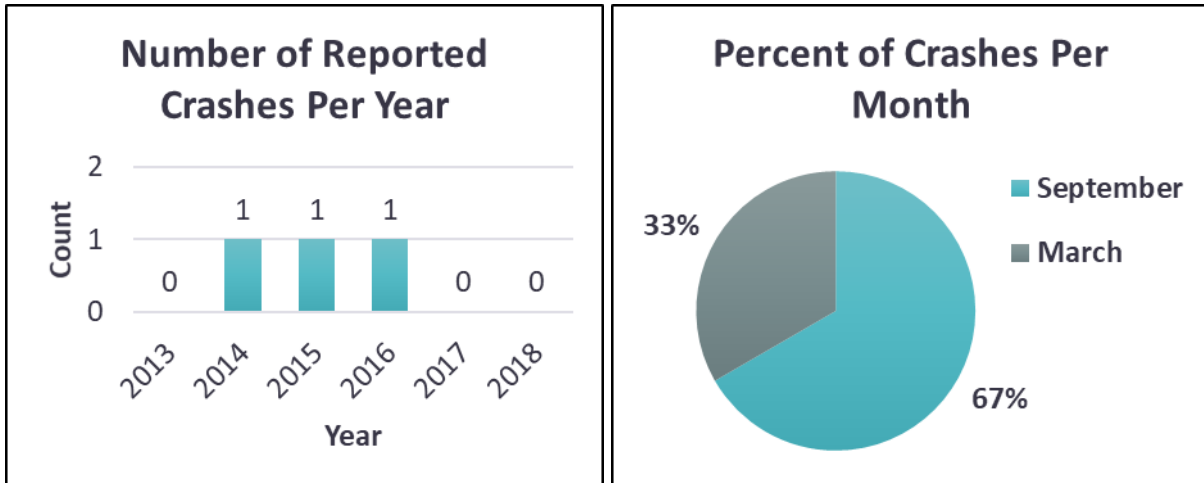
The second reported crash occurred on a clear Friday evening around 4:00 PM in September 2015. This crash also took place on Armory Street, at the intersection with I Street. The driver, a 21-year old female, reportedly made an improper turn and ran a stop sign, causing her to hit a van in the intersection. The van driver was a 45-year old male. Neither of the drivers sustained any apparent injuries but both vehicles sustained minor damage. The 21-year old was driving an open-body vehicle, had suspected alcohol use, was not wearing a seatbelt, and received charges for the damage.

The third reported crash occurred on a clear Friday night around 8:20 PM in March 2016. The crash took place on Bayview Drive, a dark-unlit gravel roadway. A 60-year old male was driving a pickup truck with one other occupant, neither of whom were wearing seatbelts. The driver was reportedly driving in an inattentive/careless/erratic/negligent manner and without the required equipment. He hit a pedestrian, who was seriously injured. The driver and occupant had no apparent injuries, and the pickup sustained minor damage. No alcohol use was suspected from the driver, but he was charged for the incident.

3.1.2 Analysis

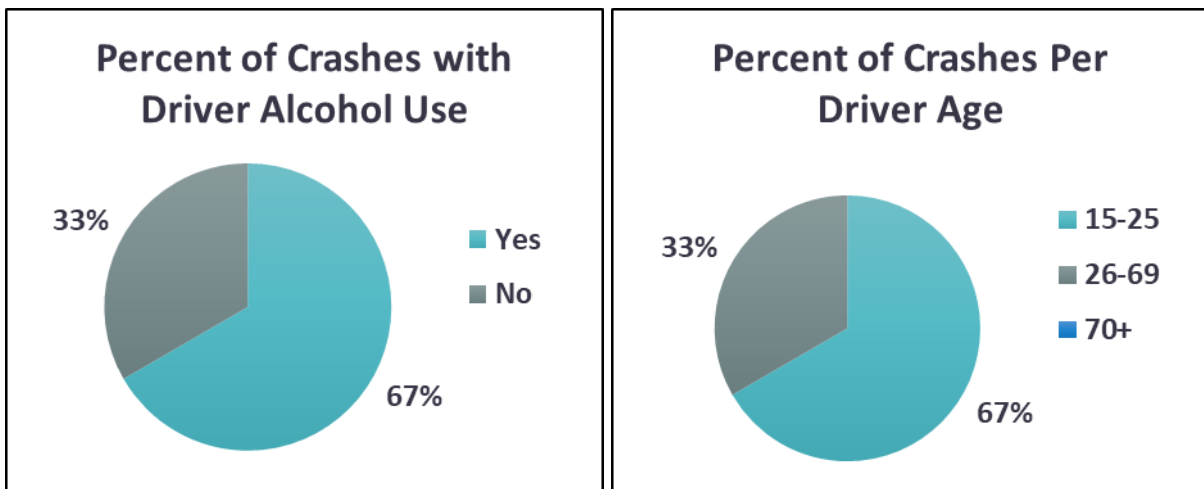
Available crash data shows that one crash occurred each year between 2014 and 2016, two in September and one in March.

Exhibit 2: Togiak Crashes per Year and Month



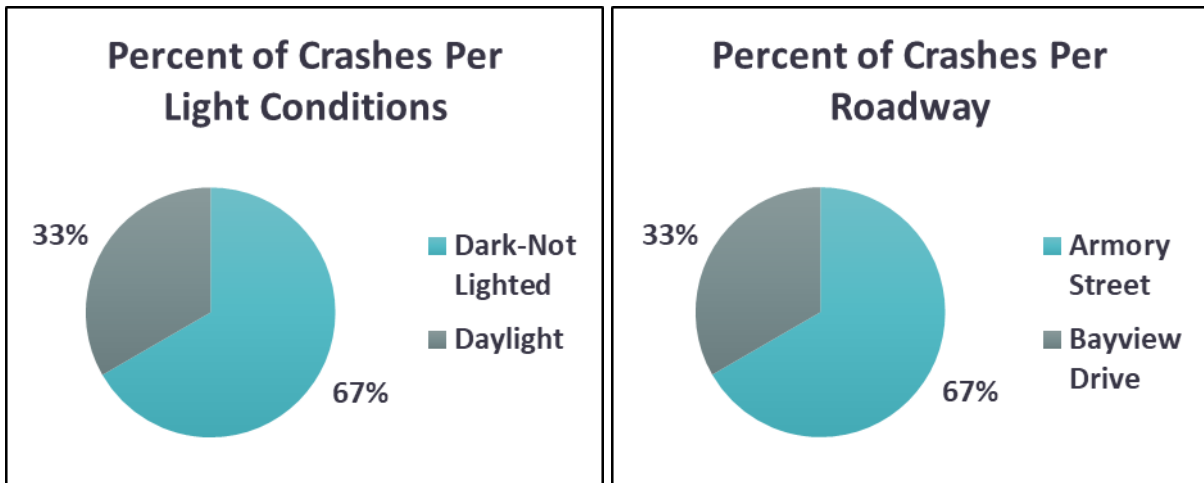
With only three crashes to analyze, it is difficult to draw conclusions from the data. However, some commonalities can be made. For instance, two of the crashes occurred on a Friday night. In addition, two of the crashes involved young drivers below the age of 25 who had suspected alcohol use. These factors could indicate the need to emphasis safety around weekend and drunk driving. It could also suggest the need to improve driver education for inexperienced drivers in the community.

Exhibit 3: Togiak Crashes per Alcohol Use and Driver Age



Additionally, all of the reported crashes occurred on dry roadways with clear weather, indicating environmental conditions were not at play. However, two of the three crashes occurred at night on unlit roadways. This could indicate the need for more streetlights within the community to improve nighttime driving, and driving during winter months when daylight hours are limited.

Exhibit 4: Togiak Crashes per Light Conditions and Roadway



Another factor to consider is that two of the three crashes occurred on Armory Street. This road is a straight gravel road, approximately 0.15-miles long. It primarily provides access to homes and the Togiak Fisheries building. It is an extension of Second Avenue, one of the primary collector streets within the community. The crashes on this road could indicate the need for a wider road or better on-street parking, streetlights, or improved intersection traffic control.

One of the crashes involved a pedestrian at night on Bayview Drive, a gravel road approximately 0.75-miles long. Bayview Drive provides access to the school and a subdivision located west of the main townsite. These factors could indicate the need for sidewalks or other strategies to accommodate pedestrian travel such as installing more streetlights, placing pedestrian crossing signs in the school zone, or encouraging people to wear bright colors at night.

3.2 COMMUNITY SURVEY

A public survey was conducted within the Community at the TTSP public meeting on January 25, 2019. A total of 24 surveys were submitted to Bristol. A summary and analysis of the survey results is discussed below. Raw survey results are provided in Appendix B.

3.2.1 Question #1: Safety Concerns & Priorities

Question #1 helps portray what the community regards as high priorities in terms of transportation safety issues. The results are shown in Exhibit 5, which are sorted by priority from highest priority to lowest priority.

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that “**safety issues**” are problems that cause death, injury or illness, and “**transportation system**” means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either “H” “M” or “L”

According to Exhibit 5, almost 80% of people who completed the survey marked “dusty roads” as a high safety priority, making it the highest voted priority. Approximately 75% of people marked “lack of helmet use for ATVs and bicyclists” and “poor road design (narrow roads, steep roads)” as high safety priorities. At least one person selected “high priority” for every type of safety issue listed. This indicates that the community’s safety priorities broad and multi-modal. These rankings were used to select and prioritize emphasis areas for this plan.

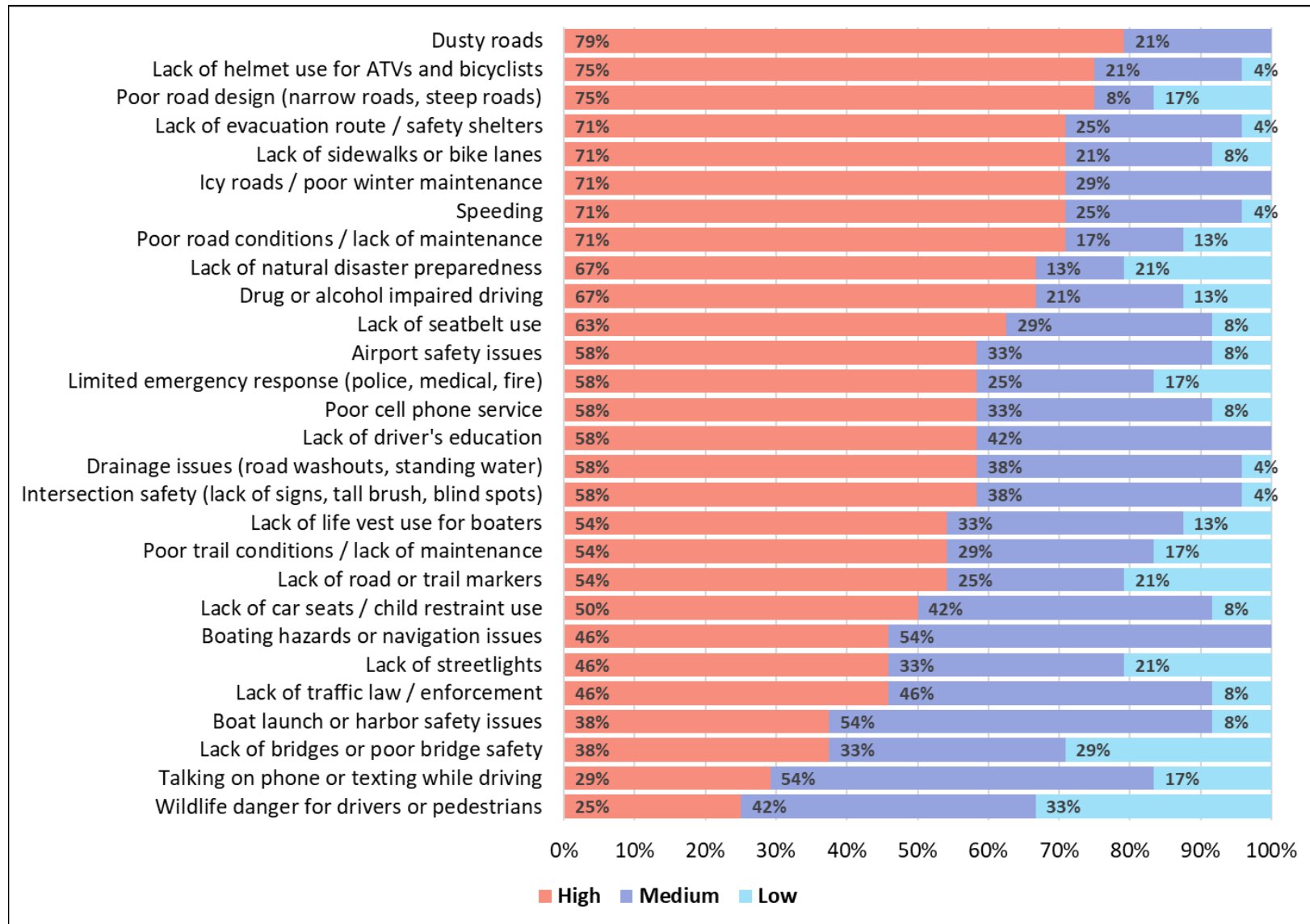
3.2.2 Question #2: Survey Respondent Age

Question #2 collects data about the age of survey respondents, providing demographic information for the survey. This data helps correlate age groups to the various modes of transportation used throughout the community (Question #3), which can help identify where to focus safety education and outreach.

2. How old are you? _____

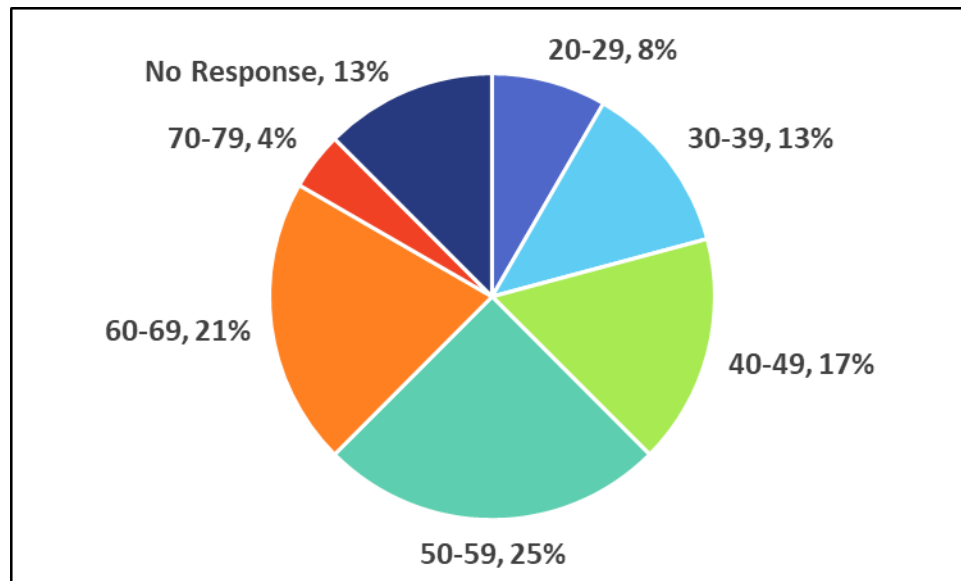
The results of Question #2 are shown in Exhibit 6. The results show a fairly even distribution of age groups participated in the survey. Almost half of the survey participants were over the age of 50. Three people did not provide a response to Question #2.

Exhibit 5: Community Safety Priorities



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Exhibit 6: Survey Respondent Ages



3.2.3 Question #3: Transportation Modes

Question #3 demonstrates the most common transportation modes within the Community.

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler	Snow machine	Truck	Car	SUV
Walk	Bike	Get a ride	Boat	
Other _____				

Exhibit 7 and Exhibit 8 show the results of Question #3. Since the option was given to select more than one answer, Exhibit 7 shows the number of respondents that circled each mode of travel at least once, whereas Exhibit 8 shows how many modes each person circled. According to the results, the majority of survey participants get around the community via four-wheelers, and walking is the next most common mode. Snow machines and trucks are also frequently used. Only 12% of respondents only marked one answer, and over half circled four or more modes of travel, indicating the community is multi-modal. Additionally, two people did not mark any type of vehicle, indicating some community members do not drive and rely on walking or getting rides. Two people did not answer Question #3.

Exhibit 7: Most Common Modes of Transportation

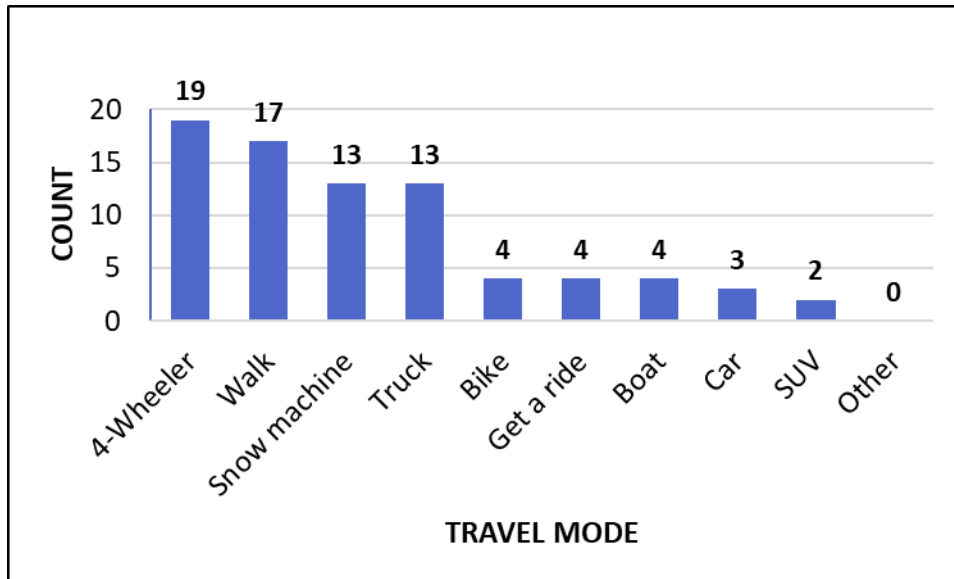
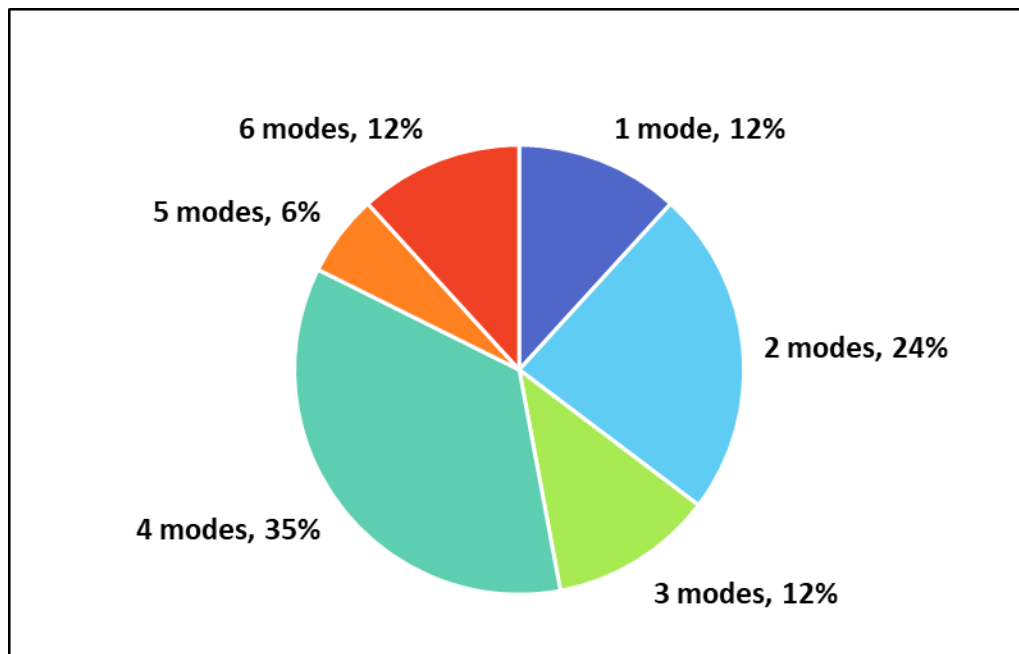


Exhibit 8: Modes of Transportation



3.2.4 Question #4: Anecdotal Crash Data

Question #4 of the survey helped gather data about recent transportation related accidents within the Community.

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** **don't know**

Were drugs or alcohol involved? **yes** **no** **don't know**

Did police arrive on scene? **yes** **no** **don't know**

Did an ambulance arrive on scene? **yes** **no** **don't know**

Over 70% of survey participants provided varying levels of detail for Question #5. Of these, approximately 41% of the accidents described indicated alcohol use. A few of the responses are summarized below. It is important to note that this data is based on memory, not fact.

- Unknown month, 2014 – Head on collision on Togiak Heights Road
- January 2015 – Truck accident near Moravian Church, alcohol-related
- January 2016 – A snowmachine rear-ended another vehicle during foggy conditions
- Unknown month, 2017 – Truck into pedestrian after school activities, the kid had to be medevacked.
- November 2018 – A drunk driver flipped his truck
- November 2018 – ATV with lights out collided with two people
- December 2018 – Alcohol-related accident resulting in damaged truck
- December 2018 – Icy road conditions caused vehicle to slide off road
- Unreported month and year – ATV accidents from high school students speeding
- Unreported month and year – A 9 year old was killed when a group of kids was out at 5 AM with no supervision. They took a Honda “joy riding” and crashed into a dumpster. One other kid was medevacked.

3.2.5 Question #5: Safety Measures

Question #5 is an open-ended question aimed at collecting community ideas on how to improve local transportation safety. This style of question allows people to express their own ideas to address issues that may or may not have been listed in Question #1.

5. What do you think could be done to improve transportation safety in your community?

Approximately 42% of survey participants provided a response to Question #5. The list below summarizes these responses.

- Better gravel to improve roads and control dust
- Education, repetition, enforcement
- More public involvement
- Wider roads
- Community awareness on safe driving, driver's education classes in high school, cab service, and helmets
- Road improvements, especially up the hill, at S-turns, intersections, and new roads. Dust control. Education. Enforcement.
- More eye witnesses to be involved when accidents occur
- Road maintenance, reflectors on people walking at night, wider roads, streetlights.

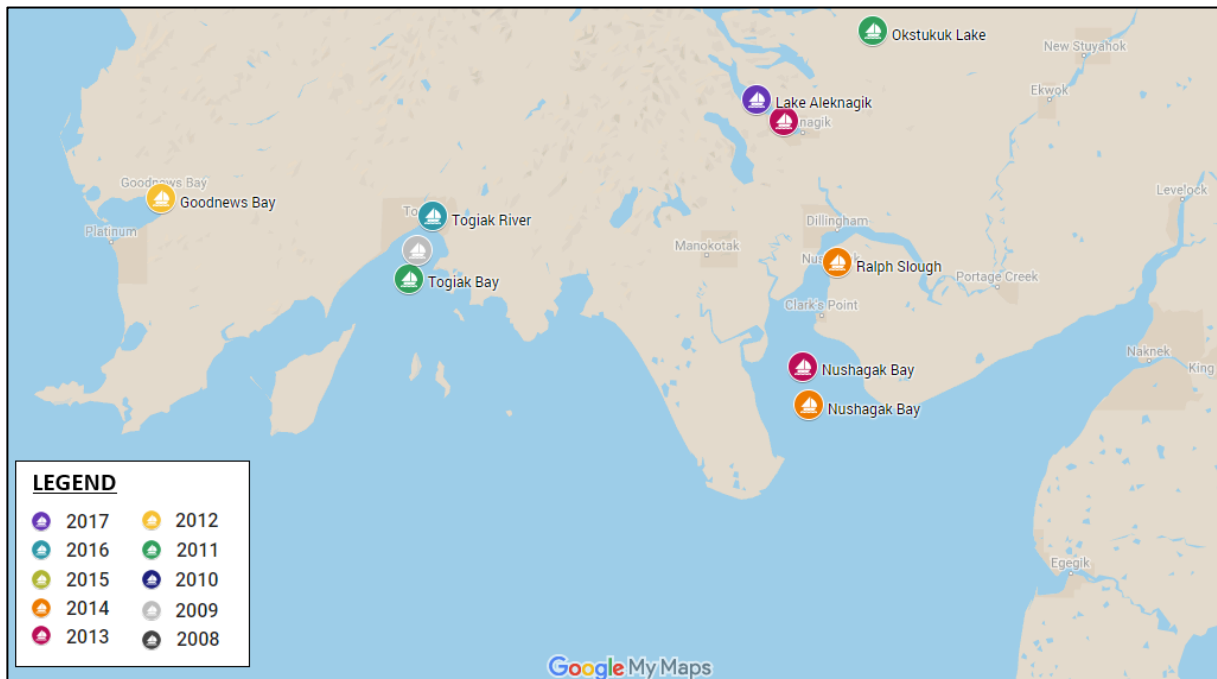
3.3 BOATING ACCIDENTS

The U.S. Coast Guard Boating Safety Resource Center online database was consulted for boating accidents in Alaska within the last 10 years. The search results indicate three boating accidents occurred in Togiak Bay or Togiak River, within 20 miles of Togiak. The accidents are listed by the body of water where they occurred, but the exact locations are not described. All of the accidents resulted in deaths, totaling five deaths since 2009. These accidents are summarized in Table 3 and displayed in Exhibit 9. It is important to note that this data only includes boating accidents that were reported to the U.S. Coast Guard. There may have been additional accidents that were not reported, such as accidents that resulted in only minor injuries or vessel damage (U.S. Coast Guard, 2018).

Table 3: Summary of Boating Accidents near Togiak

Year	2016	2011	2009
Month	January	August	July
Time of Day	10:40 PM	7:00 AM	12:00 PM
Body of Water	Togiak River	Togiak Bay	Togiak Bay
No. of Accidents	1	1	1
No. of Vessels	1	1	1
No. of Injuries	0	0	0
No. of Deaths	3	1	1
Accident Type	Capsizing	Flooding/Swamping	Flooding/Swamping
Accident Cause	Hazardous Waters	Alcohol Use	Unknown
Vessel Type	Open Motorboat	Open Motorboat	Open Motorboat

Exhibit 9: Bristol Bay Boating Accident Map



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4.0 EMPHASIS AREAS

Bristol used data collected from the site visit, public survey, Council correspondence, and personal interviews to identify key safety emphasis areas for this Safety Plan. An “emphasis area” is an area of opportunity to improve safety through a comprehensive 4E approach (engineering, enforcement, education, and emergency services), as appropriate.

The Council is focusing on 10 emphasis areas for this Plan:

1. Road Conditions
2. Trail Safety
3. Speeding / Dust
4. Pedestrians
5. ATV Safety
6. Boating
7. Evacuation / School Access Route
8. Airport Safety
9. Animal Control
10. Vehicle Maintenance

These emphasis areas were selected based on factors such as public meeting discussions, survey results, community priorities, and highest potential to prevent injury and death on the transportation system.

This section discusses the background and objectives of each emphasis area and identifies strategies or actions to address the emphasis area. The implementation plan discussed in Section 5 develops each strategy further by specifying instructions for target outputs, responsible parties, completion dates, performance measures, success indicators, and monitoring techniques.

4.1 ROAD CONDITIONS

4.1.1 Background

Many of the gravel roads in Togiak are experience potholes, cracking, deterioration, and standing water due to lack of maintenance, drainage issues, or poor road construction. Many of the existing roads are not wide enough for two-way traffic. Culverts are often clogged with ice in the winter and spring. Snow and ice cause slippery road conditions for approximately 5 months out of the year. This is especially a concern along Togiak Heights Road because of the S-curves. Roadside brush causes blind spots at corners and intersections. Many existing street signs are damaged or vandalized, and many intersections

are lacking the proper signage to control vehicle traffic safely. Lack of funding and trained operators often impact road maintenance activities.

4.1.2 Objectives

Identify and prioritize road rehabilitation areas, improve drainage facilities to reduce potholes and standing water, and improve snow and ice management and overall road maintenance.

4.1.3 Strategies

Education

- Teach kids to respect street signs through education at the school.

Enforcement

- Investigate methods to mitigate vandalism of street signs such as using more robust sign poles, or developing a monitoring system.

Engineering

- Identify priority locations and install new stop and yield signs to improve traffic control at intersections.
- Rehabilitate Blueberry Street, Togiak Heights Road, and other priority streets by resurfacing, widening, and building up roadways.
- Improve drainage and upgrade culverts.
- Consider placing snow fencing along some roads.
- Install guardrails in priority areas.
- Upgrade streetlights to energy efficient bulbs and install more streetlights as needed

Emergency Services

- Improving streetlights will help improve visibility for all vehicles including emergency response vehicles and law enforcement.

4.2 TRAIL SAFETY

4.2.1 Background

The community relies on ATV trails to access subsistence areas for fishing, hunting, and berry picking, and to access nearby communities including Goodnews Bay, Twin Hills, Manokotak, and Dillingham. However, the trails are unimproved, reducing access when there is no snow, and most are lacking trail markers, reducing navigability in the winter.

Because of this, many people stray off the trail, creating new trails and destroying wetland habitats that belong to the Togiak National Wildlife Refuge. The Council is interested in addressing this issue through a trail improvement and map development project, evaluating trail surface alternatives such as geogrids. Valuing the native culture, the Council would like to coordinate this effort to identify culturally significant areas and place informational placards in these locations along the trails.

According to the Council, occasional search and rescue missions are required to search for missing hunters and travelers in the winter, who typically run out of fuel or get caught in bad weather. The two most recent incidences were described a planning team meeting in January 2019. The first involved a 4-wheeler that broke through the ice up river. The second involved a snowmachine that ran out of fuel coming up the trail to the east of the village. Education, in addition to the trail maps and trail improvements, could help reduce future accidents on the local trail system.

4.2.2 Objectives

Improve trail safety and accessibility, reduce the creation of unauthorized trails in the wildlife refuge while still supporting the native culture, and reduce the number of search and rescue missions for trail users.

4.2.3 Strategies

Education

- Develop maps showing trail routes and cultural.
- Install placards at cultural sites.
- Provide education about trail safety and winter survival such as hands-on field trips.

Enforcement

- Develop and implement a trespass enforcement system through the Togiak Conservation District.

Engineering

- Research, planning, and design to upgrade trails, considering environmentally friendly trail mats.

Emergency Services

- Install trail markers, prioritizing the trail between Togiak and Manokotak, to reduce cases of lost travelers as well as assist search and rescue crews with navigating the trail system.

4.3 SPEEDING / DUST

4.3.1 Background

Road dust is often associated with speeding because excessive speeds can increase airborne dust on gravel roads, so the Council desired combining speeding and dust into one emphasis area. Based on the public survey, “dusty roads” is the community’s top safety priority, with 79% of participants marking it as a high priority. Speeding was also voted a high safety priority by 71% of participants. The Council explained they receive countless complaints about speeding, especially after hours when police are not on duty. In addition, two of the three reported accidents from DOT&PF crash data indicated excessive speeds, and at least three people described incidences of speeding, reckless driving, and kids taking ATVs for “joy rides” on Question #4 of the public survey.

Driving at an excessive rate of speed can put drivers and pedestrians at risk because it reduces reaction times and can cause the driver to lose control especially at turns or on narrow or icy roads. Although Togiak has local law enforcement, only the VPO has authority to perform traffic stops and give speeding tickets, making it challenging to enforce speed limits.

Besides being a nuisance, dust can settle on subsistence foods such as natural berry patches or salmon hanging out to dry. Inhaling airborne dust is also a health risk, particularly for children, elders, and people with respiratory issues. Dust contains particulate matter that can irritate a person’s eyes and throat, aggravate existing heart and lung disease, and damage lung tissue. The community is interested in finding a dust suppression alternative that is economically feasible and safe for the environment.

4.3.2 Objectives

Reduce incidences of speeding and speeding complaints, and reduce airborne dust on gravel roads.

4.3.3 Strategies

Education

- Include speeding safety topics in driver's education classes.
- Provide more education regarding dust impacts to human health and subsistence resources.

Enforcement

- Install speed limit signs to identify regulatory speeds.

- Work with local law enforcement and safety partners to evaluate enforcement options and review and update existing traffic ordinances.

Engineering

- Research options for dust suppression and implement best solution. Consider utilizing chip seal.

Emergency Services

- Provide dust masks at clinic, and ensure extra are available. Consider alternate locations to have masks for Togiak Heights area.

4.4 PEDESTRIANS

4.4.1 Background

At least 71% of survey respondents said they walk to get around within the community, making pedestrian travel the second most common mode used in Togiak. Some residents solely rely on foot travel for various reasons such as age or lack of a vehicle. Although the main village site experiences the most pedestrian traffic, people also walk to the school and Togiak Heights subdivision, located 2 to 3 miles west of the main village. Many roads are too narrow to support two-way vehicle traffic and pedestrian lanes. Approximately 71% of survey participants said “lack of sidewalks or bike lanes” is a high priority. One of the three crash reports obtained from DOT&PF involved a pedestrian being hit by a truck on a dark-unlit roadway and sustaining serious injuries. Additionally, streetlights are associated with pedestrian safety because they improve visibility within the roadway. There are currently no streetlights in the newer subdivisions (Togiak Heights), and the existing lights in the main village are inefficient and expensive to manage.

4.4.2 Objectives

Improve visibility of pedestrians and provide more pedestrian safety amenities and educational resources.

4.4.3 Strategies

Education

- Teach pedestrian and road safety through the Head Start program, including sledding safety at the school.
- Install "Slow, Kids at Play" and speed limit signs in priority areas to improve awareness about safe speeds in high pedestrian traffic areas.

Enforcement

- Coordinate with local law enforcement to investigate methods to provide better enforcement of speeding in school zones.

Engineering

- Widen roads.
- Upgrade streetlights to energy efficient bulbs and install more streetlights as needed.
- Construct a walking path to Togiak Heights.

Emergency Services

- Obtain reflective tape for community members.

4.5 ATV SAFETY

4.5.1 Background

Survey results demonstrate that 4-wheelers are the most common mode of transportation in Togiak, used by all ages. One primary concern regarding ATVs is young drivers. Although there is a 16-year age limit to drive ATVs, the ordinance is rarely enforced, and it is not uncommon to see kids younger than 10 driving ATVs on the roads. Council members explained that kids often overload the front and back racks of 4-wheelers when going to gym night, basketball games, and other school functions. There are issues with kids hot-wiring ATVs, stealing them, and racing them at night when police are off duty. One survey respondent confirmed this issue, describing a serious accident resulting in the fatality of a 9-year old. Reckless driving, lack of driver's education, and lack of helmet use are all concerns from the public. In fact, 75% of survey respondents marked "lack of helmet use for ATVs and bicyclists" as a high safety concern, making it one of the community's top three priorities.

4.5.2 Objectives

Enhance enforcement efforts of young drivers on ATVs, improve use of helmets, and increase access to ATV driver's education.

4.5.3 Strategies

Education

- Provide more opportunities for driver's education and ATV safety.

Enforcement

- Require people to take driver's education.

- Evaluate enforcement strategies for ATV helmets and driver's ed.

Engineering

- Install more stop, yield, and speed limit signs in engineered locations to help improve traffic control.

Emergency Services

- Provide helmets for those that attend driver education classes.

4.6 BOATING

4.6.1 Background

Because Togiak's culture and economy depend on fishing and water-related subsistence activities, boating is an essential mode of transportation, and boating safety is priority for the community. Residents and transient fishermen navigate Togiak Bay, Togiak River, and other waterways to access subsistence resources. Although the US Coast Guard and US Fish and Game require use of life jackets, they do not consistently patrol the Togiak waters. Consequently, life jackets are rarely worn. Other boating safety procedures such as safety drills and equipment inspections are also lacking. There are few opportunities for boating safety education within the community. Boating infrastructure needs in Togiak include lights at the boat launch area for nighttime visibility, tie downs for barge loading operations, and fencing around to the boat storage area to prevent vandalism. A separate but related issue is the frequency of bears near the beach in the summers, attracted to the smell of fish wastes. Boating accident data from the US Coast Guard indicates five fatalities since 2009 in Togiak Bay or Togiak River. One of the accidents was due to alcohol use and one due to hazardous waters. At least 54% of survey participants agreed that "lack of life vest use" is a high priority. Overall, improvement to local boating safety education and enforcement resources is desired.

4.6.2 Objectives

Reduce the number of boating accidents, increase use of life jackets, increase access to boating education and enforcement, and address community infrastructure needs.

4.6.3 Strategies

Education

- Provide more hands-on education for young people regarding boating safety. Provide life jackets to attendees of safety classes.

Enforcement

- Work with US Coast Guard and US Fish & Game to improve patrols near Togiak in summer and fall.
- Build a fence around the boat storage / haul-out area.

Engineering

- Install lights at the transit facility dock.
- Install tie downs and billiards at the boat / barge landing area.

Emergency Services

- Participate in the Kids Don't Float program, provide a life jacket loaner board at the boat landing area, label life jackets, and increase public outreach to encourage residents to use the life jackets if needed but return after use.

4.7 EVACUATION / SCHOOL ACCESS ROUTE

4.7.1 Background

One project at the top of the Council's wish list is Billy Blue Road, a proposed road that will serve two purposes: provide a safer access route to the school, and provide an alternate evacuation route to higher ground. As such a high community priority, the Council decided to make a separate emphasis area for the project. Billy Blue Road was awarded funding in 2018 through the State's Safe Routes to School program. The current school route is via Togiak Heights Drive to Bayview Drive, which is through a subdivision. Togiak Heights has approximately four S-curves, which can be hazardous during icy conditions, residents claim. Traffic is often congested on Togiak Heights Road before and after school and school events. Additionally, this route is currently the only way to reach higher ground in the event of a major flood, but is not likely to support the anticipated vehicle demand for the entire lower village. The proposed road will provide a more direct route to the school with improved accessibility for buses and emergency vehicles. Over 70% of survey participants agreed that the "lack of evacuation route / safety shelters" is a high safety priority for the community.

4.7.2 Objectives

Construct Billy Blue Road to improve safety and accessibility to the school and higher ground.

4.7.3 Strategies

Education

- Public involvement through design process of Billy Blue Road.

Enforcement

- Utilize required safety features during road construction.

Engineering

- Planning, engineering, and design of Billy Blue Road.

Emergency Services

- Ensure safety features such as signs, lights, and guardrails are installed along proposed road, as needed.

4.8 AIRPORT SAFETY

4.8.1 Background

Residents expressed several concerns regarding the Togiak Airport including airborne dust, too short of a runway, flooding issues, wind, loose dogs and birds, and unauthorized vehicles on the runway. The airport is located near the coast and is susceptible to flooding during high tides. A DOT&PF runway-resurfacing project is planned for the summer of 2019, which should improve the dust and drainage issues. However, the runway is not long enough to support planes large enough for full-loads of fish from the processing plant. During high winds, the runway is not accessible. Winds can also create snow berms on the runway. Council members explained that the runway lights go out occasionally. These issues can reduce emergency medevac access. In addition, the community desires more enforcement of animals and vehicles on and around the runway. Nearby fish streams attract thousands of birds and seagulls, which can be hazardous for planes. Loose dogs in the village can be a nuisance and safety concerns for planes landing as well. There have been reports of unauthorized ATVs driving on the runway. Because of numerous issues associated with the airport location, the community expressed interest in relocating the airport to higher ground and evaluating site alternatives.

4.8.2 Objectives

Reduce unauthorized vehicles and animals on the runway, mitigate dust and drainage issues, and ensure 24-7 access for emergency medevacs.

4.8.3 Strategies

Education

- Community outreach to discourage driving on runway.

Enforcement

- Coordinate with Alaska DOT&PF to install fencing and "Authorized Personnel Only" signs at airport.
- Work with local law enforcement reduce unauthorized access.

Engineering

- Coordinate with DOT&PF to resurface and extend the runway.
- Develop a feasibility study for airport relocation.

Emergency Services

- Improve response to replace burnt out runway lights.
- Evaluate use of snow fencing around airport.

4.9 ANIMAL CONTROL

4.9.1 Background

Both loose dogs and wild animals such as bears and moose are a transportation safety concern for Togiak. Although stray dogs were not listed on the public survey, the issue was brought up during the public and planning team meetings. Locals explained that loose dogs chase ATVs and children, walk in the roadway, and could transmit harmful diseases such as rabies. Some people are worried about dogs being hit by a car or attacking young children. The City has an ordinance that requires people to tie up their dogs, but the law is ignored and not well enforced. Although there have been no reported dog bites in Togiak, the community explained one incident of an elderly lady being chased by a dog and was yelling for help, and of packs of hungry wild dogs surrounding pedestrians walking around town.

The stray dog issue is not unique to Togiak. A study published in 2013 by The Journal of Pediatrics examined the incidence of dog bites between 2001 and 2008. The study demonstrates that Alaska Native children suffer among the highest rate of serious dog bites in the nation, and are hospitalized for dog bites at double the rate of U.S. children overall (Anchorage Daily News, 2015).

Being a rural village in Alaska, Togiak also experiences encounters with bears, wolves, foxes, and moose on a yearly basis. Most locals are accustomed to the wildlife, but these animals can be dangerous and bothersome if appropriate safety measures are not implemented. These animals can attack humans or cause vehicle accidents. In Togiak, tall brush grows along the sides of some roads, hiding animals from view of drivers and pedestrians.

4.9.2 Objectives

Reduce the number of stray dogs within the community and reduce the risk of animal-related transportation accidents.

4.9.3 Strategies

Education

- Community outreach and education regarding safety around wild animals.

Enforcement

- Provide a local dog catching service including a paid position, vehicle, and facility.

Engineering

- Evaluate engineering strategies to reduce transportation risks associated with animals such as signs, fencing, brush cutting, etc.

Emergency Services

- Continue to publicize vet service every spring for pet vaccinations.

4.10 VEHICLE MAINTENANCE

4.10.1 Background

In areas with gravel roads and extreme weather, wear and tear on vehicles is escalated. There are two vehicle repair shops in Togiak, one of which is closed frequently, and the other is limited on tools and equipment. Lack of vehicle maintenance and repair services in Togiak is a safety issue because residents who cannot afford to take their vehicles to Dillingham for repair are left with few options including: attempting their own maintenance or driving with a damaged vehicle. At the January 2019 planning team meeting, Council members described an incident of a man performing repairs on his own vehicle underneath without the proper blocking, causing the vehicle to fall and crush him. One person described a collision involving an ATV without headlights on the public survey. In addition, the Council explained that vandalism is an issue because there are no secure storage areas from the public. Almost every piece of City and Tribal owned heavy machinery has a broken window. Overall, the Council is interested in developing a storage building combined with a mechanic shop for the community.

4.10.2 Objectives

Improve public access to vehicle maintenance services, reduce the number of damaged vehicles driving within the community, and provide storage and security of road maintenance equipment.

4.10.3 Strategies

Education

- Hire and provide training for mechanics to work at the proposed maintenance shop.

Enforcement

- Work with local law enforcement to evaluate strategies to enforce street-legal, safe vehicles with functioning headlights, etc.

Engineering

- Construct a maintenance shop and storage building with controlled access for road maintenance equipment, buses, etc.

Emergency Services

- Implement safety controls, personal protective equipment, and training for maintenance shop.

5.0 IMPLEMENTATION PLAN

The Council plans to begin implementation of this TTSP in the 2020 calendar year. The Council will schedule projects based on priorities recommended by the community and approved by the Council. More information regarding project scheduling may be added in the plan during yearly updates.

An Implementation Plan Matrix for each emphasis area is attached in Appendix C. The matrix is to be used by the Council to plan safety projects. The matrix identifies the following information:

- Objectives of the emphasis area
- The strategic linkage, or evidence that shows a need to prioritize the emphasis area
- Success indicators, or completed tasks that demonstrate successful implementation of the proposed projects
- For each of the 4E's of Safety:
 - Actions and proposed strategies to improve the safety emphasis area
 - Target output, or goal of each strategy listed
 - Responsible parties that are assigned to each task listed, subject to change with management positions
 - Date of completion, estimated for each strategy listed, which may be on-going
 - Performance measures that indicate the completion of a project
 - Monitoring and evaluation methods to analyze the effectiveness of a completed project or strategy, which can help improve future project planning

5.1 EVALUATION PROCESS

At least once per year, this plan will be evaluated by the Council's Safety Champion, or other staff members as directed by the Council. The plan will be updated as needed. For example, emphasis areas may be removed, added, or modified as safety measures are successfully implemented or as safety priorities change within the community. A Council meeting, open to the public, will be held to discuss major changes to the plan as well as strategies for future safety projects and decisions regarding potential funding sources.

5.2 NEXT STEPS

Several steps still need to be taken after this plan is finalized. The recommended actions for the Council are listed below in chronological order:

1. Develop an official resolution to adopt this plan
2. Use this plan and data provided in this plan to apply for funds for safety projects through the Tribal Transportation Safety Funds and other sources (see Section 5.3)
3. Apply for safety audits to evaluate the existing transportation facilities and receive recommended solutions to improve safety
4. Include the public in decision making processes via public meetings and announcements to ensure proposed projects are benefitting the community
5. Select strategies outlined in this plan to address safety concerns and begin planning projects, starting with the highest priority emphasis areas
6. Develop a detailed project schedule to keep projects on track and ensure success
7. Apply for funding for engineering, design, and construction services for high priority projects
8. Monitor and evaluate construction activities and performance measures outlined in the Implementation Plan
9. Record completed projects and maintain as-built documents for future use
10. Update this plan and repeat these steps when projects are completed, or every 5 years

5.3 FUNDING SOURCES

Funding is a major element to completing safety improvement projects. Various available funding sources are listed below. This list may not be comprehensive and is subject to change.

- Tribal Transportation Program Safety Funds
 - o FHWA manages the Tribal Transportation Program (TTP). Each year under the Fixing America's Surface Transportation (FAST) Act, 2% of available TTP funds are set aside to address transportation safety issues in Native America.

- o More information about this program can be found at:
<https://flh.fhwa.dot.gov/programs/ttp/safety/ttspf.htm>
- Alaska DOT&PF Highway Safety Grant
 - o Every year, the Alaska DOT&PF through its Highway Safety Office (AHSO) funds grants which address specific traffic safety priority areas. The Highway Safety Grant is available for Federal Fiscal Year 2019 (October 1, 2018 to September 30, 2019).
 - o Other funding resources are available on their website including grant application forms and instructions, tips and tactics for success, and traffic data sources.
 - o More information can be found at:
<http://www.dot.state.ak.us/highwaysafety/forms.shtml>
- Alaska DOT&PF Highway Safety Improvement Program (HSIP)
 - o The Alaska HSIP annually identifies high accident locations on Alaska roads, evaluates corrective measures, funds the most cost effective ones, and evaluates their effectiveness after projects are completed. The HSIP mission is to identify and fund highway safety projects that maximize lives saved and injuries eliminated per dollar spent.
 - o More information can be found at:
<http://dot.alaska.gov/stwddes/dcstraffic/hsip.shtml>
- Alaska Transportation Alternatives Program (ATAP)
 - o The ATAP provides funding for programs and projects defined as transportation alternatives meeting eligibility requirements. There are over \$2.6 Million in funds available for rural communities within the State for Fiscal Year 2018. Availability of funding in future years is to be determined.
 - o More information can be found at:
<http://dot.alaska.gov/stwdplng/atap/index.shtml>
- Alaska DOT&PF Safe Routes to School Grant
 - o Grants are available through the Safe Routes to School Program to help plan, design, or complete construction improvements that enable and encourage children to safely walk or bicycle to school.
 - o More information can be found at:
<http://www.dot.state.ak.us/stwdplng/saferoutes/grants.shtml>

- Alaska DOT&PF Statewide Transportation Improvements Program (STIP)
 - The Alaska STIP helps fund air, land, and water transportation projects in Alaska that have been formally proposed by residents, elected officials, and transportation professionals every four years.
 - More information can be found at:
<http://dot.alaska.gov/stwdplng/cip/stip/index.shtml>
- Alaska DOT&PF Public Transit Funding
 - The State of Alaska maintains various public transit programs to aid in funding across the state. These include the Non-Urban Formula Grants, Rural Transportation Assistance Program (RTAP), American Recovery and Reinvestment Act of 2009 (ARRA) Funding Distribution, and the Tribal Transit Program Funds.
 - More information can be found at:
http://dot.alaska.gov/transit/pt_funding_overview.shtml
- Denali Commission Grants
 - The Denali Commission is an independent federal agency designed to provide critical utilities, infrastructure, and economic support throughout Alaska. Various funding opportunities are available through their Energy Program, Transportation Program, Health Facilities Program, and Training Program.
 - More information can be found at: <https://www.denali.gov/grants/>
- Grants.gov
 - [Www.grants.gov](http://www.grants.gov) is a public website where all federal agency discretionary funding opportunities are posted for grantees to find and apply to them. The search function can be used to sort out transportation related grants. Some grant postings close after only two weeks, so it is important to check for opportunities frequently.
- Better Utilizing Investments to Leverage Development (BUILD) Grants
 - The BUILD discretionary grant program awards funds on a competitive basis for road, bridge, transit, rail, port, or intermodal transportation projects that will have a significant local or regional impact.
 - More information can be found at:
<https://www.transportation.gov/BUILDgrants>

A general outline of additional national and state-level grant and safety programs is provided below. Some of the programs are dedicated specifically to safety, while others have broader application.

- FHWA funds, administered by the states for safety only, include:
 - Hazard Elimination Program (HES)
 - Highway-Rail Grade (public) Crossings
- FHWA funds, administered by the states for activities, including safety:
 - Surface Transportation Program (STP)
 - Interstate Maintenance (IM)
 - Highway Bridge Replacement and Rehabilitation Program (HBRRP)
 - Intelligent Transportation System (ITS)
 - Highway Planning and Research (HPR)
- US DOT sponsored training programs, including safety topics:
 - National Highway Institute (NHI)
 - Tribal Technical Assistance Program (TTAP)
 - US DOT transportation project grants
- National Highway Traffic Safety Administration (NHTSA) funds administered by the states through the Governor's representative (safety only):
 - State and Community Highway Safety Grant
 - Intoxicated Driver Prevention Program
 - Alcohol-impaired Driving Countermeasures Incentive Grants
 - Safety Incentive Grants for the Use of Seat Belts
 - Occupant Protection Incentive Grants
 - State Highway Safety Data Improvement Grants
 - Child Passenger Education Program
 - Research and Demonstration Grants
 - Training
- TTP Program jointly administered by the Bureau of Indian Affairs (BIA) DOT and the Federal Lands Highway Office and funded by FHWA:
 - 2% Planning Funds

- o Construction Funds
 - o Safety Management Systems (SMS)
 - o Tribal Highway Safety Improvement Program (THSIP)
- Highway Safety Programs administered by BIA Highway Safety Office (HSO) program and funded by NHTSA (safety only):
 - o State and Community Highway Safety Grant
 - o State Highway Safety Data Improvement Grants
 - o Child Passenger Education Program
- State funded and administered (not all states):
 - o State Highway Funds
 - o State Safety Funds
 - o Transportation Loan Programs
 - o Local Technical Assistance Program (LTAP)

5.4 ADDITIONAL SAFETY RESOURCES

Safety resources are continuously evolving. A short list of health and safety organizations useful for Alaskan communities is provided below. Many of these programs can provide educational resources such as posters, as well as safety gear for communities such as helmets and life jackets.

- The Alaska Department of Health and Social Services (DHSS) provides several significant Injury Prevention Programs including Helmet Safety, Bike-n-Walk Safely, Kid's Don't Float, and more. A few of these programs are described in further detail below. For more information on the other programs, visit:

<http://dhss.alaska.gov/dph/Chronic/Pages/InjuryPrevention/default.aspx>

- Alaska Helmet Safety Program – The Alaska DHSS provides various resources for youth ATV safety and helmet education. Grant opportunities may be available. Program and contact information can be found at:

<http://dhss.alaska.gov/dph/Chronic/Pages/InjuryPrevention/HelmetSafety/atv/default.aspx>

- Alaska Reflector Program – The Alaska DHSS reflector program works to increase the safety of children by using reflective, high-visibility products. Program and contact information can be found at: http://dhss.alaska.gov/dph/Chronic/Pages/InjuryPrevention/Reflector_Old/Default.aspx
- Center for Safe Alaskans – This program works to prevent injuries, promote wellbeing and improve safety for all Alaskans. They provide several services including FREE reflective tape, car seat assistance, and more. Find more information at: <https://safealaskans.org/>
- Bristol Bay Area Health Corporation – BBAHC provides health care services, as well as the Community Health Aide Program, Emergency Medical Services (EMS)/first responder training, and other health educational programs for communities within Bristol Bay. Find more information at: <https://www.bbahc.org/>
- Centers for Disease Control and Prevention (CDC) – The CDC has a multitude of motor vehicle safety resources including “Get the Facts” sheets, State Fact Sheets, and “What Works” strategy sheets for various safety topics including child passenger safety, seat belts, teen drivers, older adult drivers, impaired driving, distracted driving, pedestrian safety, Tribal road safety, bicycle safety, and more. Find more information at: <https://www.cdc.gov/motorvehiclesafety/>
- NHTSA – Fatality Analysis Reporting System (FARS) is a nationwide census providing NHTSA, Congress, and the American public yearly data regarding fatal injuries suffered in motor vehicle traffic crashes. The site offers a customizable fatality data query system. This site also provides road safety resources and tips for various safety topics.
FARS: <https://www.nhtsa.gov/research-data/fatality-analysis-reporting-system-fars>
Road Safety Tips: <https://www.nhtsa.gov/road-safety>
- National Safety Council – This organization provides resources on developing a Safety Management System (SMS), which is a continuous improvement process that reduces hazards and prevents incidents. Find more information at: <https://www.nsc.org/work-safety/tools-resources/safety-for-business/ask-us>

- Road Safety Audits (RSAs) – The FHWA provides resources for conducting RSAs, which are an effective tool for proactively improving the future safety performance of a road project during the planning and design stages, and for identifying safety issues in existing transportation facilities. Find more information at:
<https://safety.fhwa.dot.gov/rsa/>
- FHWA Tribal Transportation – This website provides an overview of tribal transportation safety topics, programs, policies, crash data, and more.
https://www.fhwa.dot.gov/tribal/topics/safety/saf_ack/saf_guide.htm
- Countermeasures that Work – A Highway Safety Countermeasure Guide for State Highway Safety Offices, Eighth Edition, 2015, NHTSA. https://www.nhtsa.gov/sites/nhtsa.dot.gov/files/documents/812478_countermeasures-that-work-a-highway-safety-countermeasures-guide-.pdf

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APPENDIX A: PUBLIC INVOLVEMENT



TRIP REPORT & MEETING MINUTES

Project: **BBNA THMP & TTSP Project**

Bristol Project No: 32190013

Reference: Togiak Planning Team Meetings & Public Meetings

Date of Meeting: January 24-25, 2019

Location of Meeting: Senior Center / Tribal Building

Participants:

Bristol: Danielle Dance, Jackie Wander

Planning Team: See attached sign in sheet

Public Meeting: See attached sign in sheet

Summary

Jackie and Danielle arrived in Togiak around 4:30 PM on January 24, 2019. They originally planned to host a public meeting in the Senior Center at 6:00 PM, but there were basketball games going on at the school that evening, so very few people were expected to attend. The Council decided to reschedule the meeting for the next day at noon to have a lunch potluck meeting. The change was announced over the VHF radio.

The next day, Jackie and Danielle met with the Safety Planning Team from 9:00 to 11:30 AM in the Senior Center / Tribal Building. The Planning Team consisted of Council members, local police, and one of the Togiak State Troopers (see attached sign in sheet). They determined emphasis areas and discussed potential safety strategies for the plan. Then the public meeting was held from 12:00 to 1:30 PM. The Council provided sandwiches and snacks. Bristol discussed both the Tribal Transportation Safety Plan (TTSP) and the Tribal Hazard Mitigation Plan (THMP) at the meeting, collected public comments, and distributed public surveys. Jackie and Danielle departed Togiak around 2:00 PM via Alaska Island Air.

Notes taken during the meetings are summarized below. Items marked with (*) need more research, or assistance.

TTSP Planning Team Meeting Notes

- Airport is past its useful life, over 30 years old, needs to be upgraded; funding is always limited, during the summer they have a processor that uses T130 planes to fly their product out but can only fill ¾ full because the airport cannot handle it; it creates a lot of dust; Council is trying to work with representatives for solutions
- Roads have a lot of problems with dust, lots of residents have respiratory problems; call the clinic at 493-5511 for cases of dust irritation
- Have a lot of loose dogs
- Approximately 3-4 years ago, three young guys went camping during March for caribou hunting; they didn't see the creek because of whiteout conditions; one guy drove into the basin and flew off his vehicle; the snowmachine was damaged

- At least 4-5 times in the past, they have had to search for missing hunters and/or travelers in the winter
 - People running out of fuel, etc.
 - Two recent incidences this winter include a 4-wheeler broke through the ice up river, and a snowmachine ran out of fuel coming up the trail on the east side
 - Most of the time, the extended family will reach out and assist, sometimes send out two or three teams;
 - Troopers would have the records of search and rescue missions, they have air support, etc.
- There is a trail that they need to work on; it connects the ends of Bayview Drive and Hillside Drive; the current route is too steep about 4:1 slope which gets dangerous when icy; residents cannot get fuel, etc.
- The Council conducted a project to mark the trails several years ago; many markers have fallen over, and they are spaced too far apart
- A lot of speeding complaints, especially after hours when police are not on duty
- Account of a high school student that died, no street lights, probably a DUI, snowmachine hit a pole
- Numerous pedestrian incidents, one up at Togiak Heights subdivision, especially in areas with limited lighting
- Another pedestrian incident occurred at the AC store, someone backing up and hit a person; medevac was required
- General ATV safety: too many people riding on one ATV, speeding, age of drivers, etc.
- Used to have the VPSO and troopers do safety presentations at the school through BBNA, and at the same time gave out helmets
- An existing ordinance specifies ATV age limit of 12-years-old, the ordinance is 20 years old and needs to be updated
- Helmets are required, but the wording on the ordinance is unclear
- Dangerous going around the S-turn going up to the school; trying to build Billy Blue Road across the tundra; the original plan will not work because of the tundra (flood zone, soils, etc.); need to talk with Togiak Natives Limited (TNL) (land owner) to get an alternate route and combine project with new subdivision
- If there is ever a tsunami, there is only one road, so if the whole village evacuates at once, it would cause traffic issues; need an alternate route (need two roads)
- Going to be resurfacing the airport this summer through DOT; a lot of issues in the winter, the snow blowing will collect on the airport; lighting issues because the lights used to go off often restricting medevac access, so they would have to wait until daylight or manually put lights out, etc.; a lot of rain water on the airport; animal control at the airport and too many loose dogs are other issues
- Include animal control as separate emphasis area
- There is a creek with smelt run in the fall that attracts thousands of seagulls and birds which is a problem with the airplanes
- When there are house fires, they need more water; had a fire some years ago up the hill and the 500 gallon tank/firetruck was not enough water; they tried to use other equipment to pump up from the pond

- In the spring time they get a lot of ship traffic including million gallon fuel tanks; concerns that they do not have proper fuel response equipment/resources; there were two swamped tenders/fuel spills out of Dillingham last summer
- Someone working on their vehicle was underneath, did not have proper blocking and vehicle fell on him 4 years ago; there are two community shops but one is never open and the other is limited; the shop tools are limited so people have to bring their own tools; students learn mechanical services through the school shop by working on school vehicles and ATVs, they might accept public vehicles too, but ultimately the Council would like to run their own shop with plenty of storage and parts
- If there was a fire at houses up the hill, there is only one access road (Blueberry Street) which has one spot where the road is steep; the fire engines cannot access; need an extension off the end or a reroute to avoid this area; that subdivision also has bad cell service
- Have a code red connex that needs to be updated
- Togiak Heights needs better drainage; the roads need to be higher and wider; the road gets submerged in water with high tides and high winds; it is the heaviest used road; the road is also sinking, and there are no guardrails
- New subdivisions up the hill need streetlights; the streetlights were approved by AVEC, but do not know the status of that project; need to replace old burnt out lights with LEDs to save money it costs \$2500 per existing pole and another \$1000 for new pole; need more energy efficient lighting, old ones use too much power; need sensors
- Need for signs (need one by post office-see desired locations on attached map); there is a sign vandalism issue, people were bending them down with 4-wheelers causing a safety issue because people could hit the bent stop signs; need more education about sign vandalism and teaching people how to drive respectfully, or more robust sign posts; need parents to be parents; Togiak is growing so need more traffic control
- Togiak has two State Troopers (switch every two weeks), one BBNA VPSO, one City VPO (enforces city speeding, etc.), one TPO, and a compliance officer that assists
- Need upgraded culverts; over time they get crushed and need to be replaced; and need a proper drainage system
- Need wind abatement such as snow fencing or some sort of environmental protection for the roads and the airport
- Access control is needed at the airport
- Have road maintenance equipment but no storage, nowhere that is free of vandalism; a brand new rock truck had a broken window within a month; all city equipment has broken windows; there is no land for a large storage /storage building, including school buses, etc.
- Need new equipment; have one grader and when it is down, there is no road maintenance in the winter; snow removal is hard to do with the loader; hard to get funding through the state, most of funding is from private funding
- BBNA had a project to do winter trail markers, the tripods are already fallen over; need maintenance to fix; already have GPS information; the Manokotak trail markers have fallen down; very important for people who are not familiar with trails, also for search and rescue

- Have some funding with TCD (Togiak Conservation District, similar to Wildlife refuge land management agency) to redo the trails/subsistence roads with either boardwalks, mats, or gravel (need to decide method); do not have equipment to haul gravel; the ATVs are destroying the land (Togiak Wildlife Refuge land and Corporation land)
- Most of trails (all winter trails) are in the inventory
- There are 8-10 miles of road within Togiak; the Council gets most funding through extra miles from trails; concern about BIA removing the trails from inventory
- Enforcement through TCD, will be like Fish and Wildlife management in the future, have big plans for the TCD, but nothing yet
- Council is currently working with a place names coordinator out of Houston through a BBNC Education Foundation grant; they want to name places up the river, geared towards losing culture and importance of place names; install placards to identify local places of cultural significance; places could be identified on trail maps too
- More education for the young people on trail safety and winter travel, even summer boating travel, especially if they are going to make a trail system; could schedule hands-on field trips; this summer they just received a trails subscription trying to get funding to make trails safer; have been working with the Parks Service RTCA (River, Trails, and Conservation Assistance) program; a lot of them are over used; trails provide access to blackberries, salmon berries, and cranberries; have a meeting with RTCA in March to create a better plan/project to get the trails repaired
- Need more winter survival training as well, bring a tarp and a VHF, other tips
- There were plans to get a deep/high water port because the only way to get to Togiak is via water or air; a lot of fishermen get stuck during low water
- Cannot access the refuge if there is minimal snow coverage, need to stay on trail
- Speed limit signs are desired; need education for speeding; need traffic enforcement for speeding; the Troopers cannot do traffic stops; there is a State program that requires driver's licenses that would allow Troopers to make traffic stops; there is a City ordinance about speeding; experience says monetary penalties are not effective and community service would be more effective; concerns about the City/Tribe confiscating vehicles because they would be liable and need insurance; Trooper explained they do not have to lock up vehicles, can seize in place instead; need to evaluate options
- Used to apply oil/chemical (calcium chloride?) on roads for dust prevention but rain washed it away; need to research some other options that are more weather resistant*; tried the water truck but did not work
- Dust masks are needed; one time had a huge brush fire and the clinic ran out of masks within an hour; need to have some available up the hill so people don't have to come down through the dust to get to the clinic (two separate village areas)
- Consider chip-seal or pavement?* Depends on vehicle percentages; pavement would be safer if most vehicles were trucks; concerned there would be a lot of deaths with too many ATVs mixed with larger vehicles
- Dust clouds from big planes, even with small planes coming in every day
- Need education about dust getting onto tundra depending on wind direction; dust settles on berries; is this unhealthy? School buses create dust; HUD homes on the hill get all that dust from the buses; need school education for teens on ATVs especially on curve going

down the hill; kids speed on purpose to make dust; the dust creates fog which reportedly caused an accident once due to low visibility

- Research other options for speeding and dust; need something that is safe for the environment; need help with this*
- Like the idea of widening roads for pedestrians, adding streetlights, and getting reflectors; roads get narrower in the winter and have standing water on the sides, especially on the turns; HUD homes on the hill are so close to the road so children play in the road; child/pedestrian safety is taught through the Headstart program, but need to expand this education to the community in other ways; some kids sled on the roads in the winter; could have more kids at play signs especially in residential areas and on Airport Road
- Interested in a walking path from lower village to school separate from road; the bus does not pick up kids from the upper area to the school; even small kids have to walk to school from this subdivision; concern about low lighting
- ATV drivers need to be 16 years old; a few years ago they posted the age limit, need to repost and enforce; encourage general public and parents to make a community effort to enforce good driving behavior, for example stop kids when they are driving with too many people on one ATV; educate community on how to assist with these problems
- Need helmets; could give out helmets to people who partake in an ATV safety class; need to reschedule this class and give new helmets every 5 years with the Safety Plan updates
- Parents need to take away access to the ATV
- Right now churches, vans for airlines, and VPO/TPO give rides, but there needs to be another ride share system; what kind of grants are available?*
- Kids load up their 4-wheelers to get to the school for gym night and basketball games
- Kids hot-wire and steal other peoples' ATVs and take them at night
- Need lights at the "transit facility dock" for when freight comes in; need safer tie down billiards; need to pursue funding through the state (currently using heavy equipment to anchor the barges); had a fatality on the beach, a kid hit the lines for these anchors
- Life jackets are now being enforced on the rivers by state troopers; used to have life vests available with Kids Don't Float but they were not being returned; want to participate in again and label vests and put a sign to return vests; education for kids to wear their PFDs; summertime commercial fishermen do not wear them either; the coast guard does not to enforce / inspect / fine near Togiak; typically Fish and Wildlife do this but there is no one stationed in Togiak to do it (would need a grant to pay for this position and the equipment); people have life jackets but just don't use them; some people may not be able to afford them; could do something similar to helmet: have a boating safety class and then life vests to participants
- The set netters get inspected; boats should have at least one person capable of giving safety drills, operating gear, etc. but doesn't happen in Togiak, only in Dillingham
- Need better communication with Coast Guard; just need to ask, they are always looking for missions; would like them to come to Togiak for 4-days to patrol in the summer (during commercial fishing) and during fall time when people are going up river for fishing and hunting
- Parents need to be models for the children

- Need more health aides and first responders in the community; there are currently 5 health aides; there are no City safety response personnel, need more ETT/EMT training and recruitment
- Might need to relocate the airport if they want to extend or get a paved runway because there may not be enough room (near the coast); prefer to relocate to a non-flood zone area; interested in doing a feasibility study for the airport; Togiak is growing and air traffic demand is increasing; Togiak will continue to expand on the hill, which may be an ideal location for a new airport
- Need fencing for access control around the airport like in Dillingham, with placards to say authorized personnel only; may not need fencing around the whole property, just at access points
- Could also use fencing around boat haul/storage area to prevent vandalism, people steal gas and other items from the boats
- There is a City ordinance to keep your dogs tied up; the most effective thing is to put a bounty on the dogs, and hire a person to animal patrol; are there grant options?* Need a full time position and would need to supply a vehicle and a facility,
- During summer the fish smell at the cannery attracts bears; people cannot see bears when it is dark; one time someone was running from a bear and could not escape because it was right next to their skiff at the boat landing area; also need animal control
- Interested in hiring someone to shoot crows at the dump but is this legal or a protected species concern?*
- The City used to set aside money for dog catchers
- Story of a big dog chasing an elderly lady on her ATV, she was yelling, took a jump off the curb to get away; dogs are even a pedestrian issue; there used to be packs of dogs that would surround you walking; they are stray dogs, not pets, hungry and wild
- Vet comes in once every spring and offers free rabies shots through the Tribe
- Some wolves are an issue, during school (typically September); bears need to be shot
- Need a good Village operated shop and trained mechanics with equipment/tools providing full time service; need security to keep tools from getting stolen; large facility with enough storage, even exterior storage that is locked in; there are a lot of broken down vehicles in Togiak; many damaged vehicles should not be on the roads – broken windshields, no wipers, lights out, tires, etc.

TTSP Public Meeting Notes

- Road Conditions, need road markers with red reflectors along the roads; need to identify where those can be purchased
- 4-wheeler drivers are going faster than the trucks; Not just individuals but families; Some have flipped (3 or 4), one of which the driver's side window opened during rollover and ejected man from truck
- The 25 mph speed limit is too fast on icy roads
- Story of a teacher and wife in white water canoe, flooding 3 feet over bank, two fatalities, found wife because she had life jacket on, but husband was sitting on his
- Young driver in a tender boat took off on his own in 15 foot waves, despite being told not to go, ended in a fatality
- People not listening when community members suggest a safer alternative

- City loader and dozer are barely running; grader needs new blades; is there funding for equipment? It is an emergency response issue
- Desire a feasibility study for expanding the current airport; unclear if there is or is not enough space to extend current runway, disagreement on this
- Law enforcement should give out citations for kids that drive under 16 because there was a major accident, otherwise maybe the roads could be paved
- Concern about dust on the roads and the airport; they have put dust chemical on the roads but it only lasts a couple of months, and it is too pricey to maintain

THMP Public Meeting Notes

- Several years ago, a government declared natural disaster in southwest Alaska off the coast damaged approximately 700-feet of the seawall in Togiak; they received \$2.2 million for repair; concerns about several dozen homes and a few major buildings located near the coast
- Togiak has a new power plant that they are still learning how to operate, which has power outages sometimes; when there is a loss of power, most homes are heated by stoves or boiler or furnace (all by electricity), causing homes to freeze, water to freeze, and a lot of damage; need an alternative heat source or backup power; they have a new generator at the water plant
- The seawall was designed to rebound the waves, but when the water gets above the wall, the water passes the village into the wetlands from behind, surrounding the village with flooding
- There are some villages up north that have erosion issues in their communities. In Togiak, there is no more land for younger generations, unless you go up the hill. With limited jobs in town, people have to share homes with multiple families. They need to relocate and expand to higher elevations. This will be a problem in the future with rising populations. There needs to be a study for housing development – how many people are homeless and need a home? TNL is the landowner. The lower village is in a flood zone so people need to move up to the hill. There is a lack of funding. Coordinate this effort with the comprehensive plan and the possible relocation of the airport.
- What will happen if there is a storm? What is the deadline for these projects? Concerns about national security from foreign countries. There is no shelter in Togiak or up the hill. When it flooded in 1964 during the earthquake, there was no warning system. The village flooded. No place to sleep over night. The community is not prepared for these things. Do not have masks or rubber gloves. These items are a priority because they are needed ASAP before an emergency can occur. The two separate village areas experience different hazards. There is no public van to help out if there is a storm or earthquake (see response from City personnel in next bullet). Need a few people from the City, Village, TNL, to pursue funding and get together a few times per week including elders and the public. People do not know when there is a new law.
- The city has disaster plans and hazard mitigation plans. If the City gets tsunami warnings, State personnel are in contact with the City. The City has four 50-passenger school buses. The City will contact drivers to evacuate in an emergency. These plans need to be communicated to the public.

Attachments:

1. Planning Team Meeting Sign-in Sheet
2. Planning Team Meeting Agenda
3. Safety Plan Candidate Emphasis Areas
4. Safety Implementation Plan Tables
5. Public Meeting Sign-in Sheet
6. Public Meeting Flyer
7. Public Meeting Handouts
8. Public Meeting Presentation Slides
9. Map Markups

End Meeting Minutes

CC: File

Planning Team Meeting

Togiak Tribal Transportation Safety Plan & Tribal Hazard Mitigation Plan (2019 - 2024)

Date / Location: January 24, 2019

Sign In Sheet

[illegible]

HAZARD MITIGATION PLAN & TRANSPORTATION SAFETY PLAN

MEETING AGENDA

Transportation Safety Plan

- 9:00 AM Introductions
 Project Overview
- 9:15 AM Transportation Safety Plan
- Emphasis Areas
 - Strategies
 - Implementation Plan

10:45 AM BREAK

Hazard Mitigation Plan

- 11:00 AM Hazard Mitigation Plan
- Mitigation Actions
 - Prioritizing Worksheet
 - Remaining Items
- 11:45 AM Closing Statements & Action Items

Levelock Tribal Transportation Safety Plan
Candidate Emphasis Areas

Emphasis Area	Strategic Linkage	Potential Strategies
Road Maintenance	• Standing water / drainage issues • Lack of local gravel • Lack of funding	• Find a gravel source • Seek funding • Construct storage / maintenance building
ATV Helmet Use	• Parental concerns	• Helmet program • Helmet ordinance / enforcement
Dust	• Community dust concerns • Sandy road surface	• Water roads • Slower speeds
Drunk Driving	• 3 ATV accidents involving intoxicated driving, bumping into power poles or guy wires	• Education • Power pole adjustments
Trail Safety	• Many unmarked subsistence trails provide access to nearby communities	• Install trail markers • Search and rescue ATVs • New GCI tower
Elder Transit	• Community desire	• Provide transit service to store, post office, etc.
Boating Safety	• Lack of boat launch facilities • Lack of search and rescue services	• All tide dock & boat ramp • Purchase village search and rescue boat • Continue Kids Don't Float
Airport Safety	• Limited plane service in windy weather • Existing lights are out	• Cross strip runway • Replace burnt out lights

Legend:

Village Council Wish List

IMPLEMENTATION PLAN

EMPHASIS AREA #1			STRATEGIC LINKAGE			
Road Conditions						
OBJECTIVES						
SUCCESS INDICATORS						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Education about respecting signs starting at the school					
ENFORCEMENT	installing Street signs (yeild and stop), prevent vandalism (more robust poles)					
ENGINEERING	Blueberry Street Redesign or relocate, resurface / widen / built up / drainage / guardrails (Togiak Heights), more lights on the heights, upgrade lights to be more energy efficient, upgraded culverts / drainage system, snow fencing (some other form of wind ebatements for roads and aiport) possibly a study needs to be done to identify best solution, maintenance storage facility/shop with controlled access this could include storage for buses, new equipment for winter road maintenance					
EMERGENCY SERVICES	Improve cell access					

IMPLEMENTATION PLAN

EMPHASIS AREA #2			STRATEGIC LINKAGE			
Trail Safety						
OBJECTIVES						
SUCCESS INDICATORS						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Trail maps, Upik names for cultural preservation, Placard to show map, educate young people for trail safety (hands on trips / need more winter survival)					
ENFORCEMENT	Develop enforcement system through TCD.					
ENGINEERING	Trail development and research for trail creation (possibly mats)					
EMERGENCY SERVICES	Trail markers (especially between togiak and Manokotak)					

IMPLEMENTATION PLAN

TRADITIONAL VILLAGE OF TOGIAK
TRIBAL TRANSPORTATION SAFETY PLAN

EMPHASIS AREA #3			STRATEGIC LINKAGE			
Speeding / Dust						
OBJECTIVES						
SUCCESS INDICATORS						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Speeding issues included with drivers education at school, education fof dust impacts for residents and subsistence activities					
ENFORCEMENT	Speed limit signs, evaluate options (review city ordinances and post to become aware of existing ordinances)					
ENGINEERING	Research options for dust supression and apply, consider chip seal					
EMERGENCY SERVICES	dust masks at clinic with extra supplies (possibly multiple locations for supplies)					

IMPLEMENTATION PLAN

EMPHASIS AREA #4			STRATEGIC LINKAGE			
Pedestrian Safety						
OBJECTIVES						
SUCCESS INDICATORS						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Reflective tape, road safety taught in head start, sledding safety education at school,					
ENFORCEMENT	Kids at play signs (heights, airport road) Reduced speed signs					
ENGINEERING	widening roads, additional lights					
EMERGENCY SERVICES	walking path for Togiak Heights,					

IMPLEMENTATION PLAN

EMPHASIS AREA #5			STRATEGIC LINKAGE			
ATV Safety						
OBJECTIVES						
SUCCESS INDICATORS						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	drivers education, education of all community residents of how we can maintain safety in community, attend education class then get helmet,					
ENFORCEMENT	Repost age limit, newsletter					
ENGINEERING						
EMERGENCY SERVICES	Community transit					

IMPLEMENTATION PLAN

EMPHASIS AREA #5			STRATEGIC LINKAGE			
Boating Safety						
OBJECTIVES						
SUCCESS INDICATORS						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	education for young people for boating safety (hands on trips), attend class provide lifevest					
ENFORCEMENT	work with coast guard to do a mission during fishing season, work with fish and game to monitor during fish season and fall time, fence around boat haul out area to help prevent vandalism					
ENGINEERING	tie downs and billiards,					
EMERGENCY SERVICES	lights at transit facility dock, tie downs and billiards, life jackets (kids don't float), enough health aids, first response workers					

IMPLEMENTATION PLAN

EMPHASIS AREA #5			STRATEGIC LINKAGE			
Evacuation / School Access Route						
OBJECTIVES						
SUCCESS INDICATORS						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION						
ENFORCEMENT						
ENGINEERING						
EMERGENCY SERVICES						

IMPLEMENTATION PLAN

EMPHASIS AREA #5			STRATEGIC LINKAGE			
Airport Safety						
OBJECTIVES						
SUCCESS INDICATORS						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION						
ENFORCEMENT	fencing for access control, signs "authorized personnel only"					
ENGINEERING	extension, lights, resurface, relocation, feasibility study (away from village)					
EMERGENCY SERVICES						

IMPLEMENTATION PLAN

EMPHASIS AREA #5			STRATEGIC LINKAGE			
Animal Control						
OBJECTIVES						
SUCCESS INDICATORS						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	educational awareness of wild animal safety					
ENFORCEMENT	bounty and hire someone to go after dog (acquire paid position and vehicle and facility for animal control and monitor bear)					
ENGINEERING						
EMERGENCY SERVICES	spring vet service for shots for pets					

IMPLEMENTATION PLAN

EMPHASIS AREA #5			STRATEGIC LINKAGE			
Vehicle Maintenance						
OBJECTIVES						
SUCCESS INDICATORS						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	trained mechanics (village operated)					
ENFORCEMENT						
ENGINEERING	maintenance shop (storage shed and fenced in area)					
EMERGENCY SERVICES						

Community Meeting

Togiak Tribal Transportation Safety Plan & Tribal Hazard Mitigation Plan (2019 - 2024)

Date / Location: January 24, 2019 at 6 PM / Senior Center

Sign In Sheet

Name	Name	Name
Paul Markoff	Darryl Thompson	Kara Wassillie
James Fry	Way Nalook	William Actri
2 Paul	Marie Paul	Joe Oleye
Steve Sato	Aubrey Gagsing	Timothy Markoff
Steve Tuley	Robin Anderson	
Nuttie Tuley	*Pavella Arkanatsyak	
Deanna Smider	Alexa N. Lockuk	
Nuttie L	Robert Nicholas	
Peter Lockuk SR	Kellen Prouman	
Elmer Fayer	George Lagua	
Bill King	Frank Lagusak Sr	
Rich	Gary Thiberti	
Nicole Paul	Bessie Gonsky	
*San Navarok JR	Elizabeth Wassillie	
Sam Wainfain	William J. King	
Don Sander	Don Sander	
Roger L. Wassillie		



TOGIAK TRANSPORTATION SAFETY PLAN & HAZARD MITIGATION PLAN

COMMUNITY MEETING

Come learn about two new projects in the works! The first is a Tribal Transportation Safety Plan, which proposes strategies to improve safety of local roads, trails, boating facilities, and airport. The second project is a Tribal Hazard Mitigation Plan, which proposes strategies to protect the community against natural disasters such as wildfires, floods, earthquakes, & more.

We want to hear from you!

Attendees can provide input about safety and hazard priorities for the community. The project planners will be available for any questions or feedback from the public.

Posting date 1/10/2019

**Thursday
January 24, 2019
6:00 PM**

Senior Center

Door Prizes!

Potluck!

**Please bring a
dish to share**

For more information or to
submit comments contact:

Jackie Wander
(907) 563-0013
jwander@bristol-
companies.com

Bristol



ENGINEERING
SERVICES COMPANY, LLC

Bristol



ENGINEERING
SERVICES COMPANY, LLC

111 W. 16th Avenue, Third Floor
Anchorage, AK 99501-5169
phone (907) 563-0013
fax (907) 563-6713
www.bristol-companies.com

Community Meeting Handout **Togiak Tribal Transportation Safety Plan** January 24, 2019

Dear Participant;

Thank you for attending the public meeting for the Togiak Tribal Transportation Safety Plan project. Your participation is crucial to the planning process. We appreciate any feedback you may have on this meeting or the project in general.

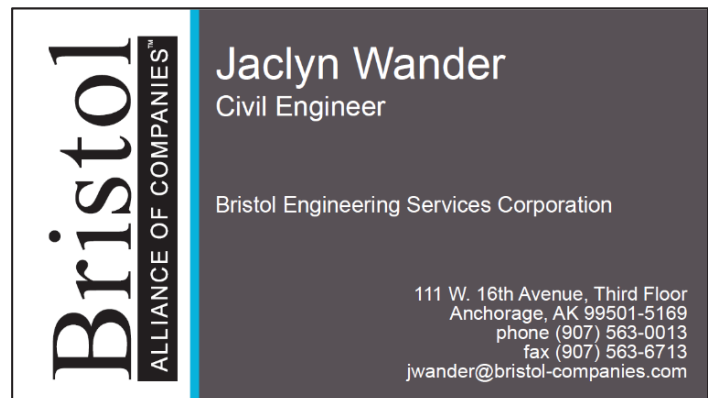
Bristol Engineering has been contracted by Bristol Bay Native Association (BBNA) on behalf of the Traditional Village of Togiak to develop a Tribal Transportation Safety Plan (TTSP) for your community. A TTSP is a collaborative and comprehensive document that identifies transportation safety issues and strategies to address them. The overarching goal is to reduce risk of car crashes, fatalities, and injuries on the local transportation system. The TTSP is also essential for obtaining funding for safety projects. The TTSP project is currently at the Draft report level. After this public meeting, Bristol will incorporate public comments into a Final Draft TTSP, which will be submitted to the Council for review.

The purpose of this public meeting is to present the Draft TTSP to the community, as well as better understand the community's transportation safety priorities. Priorities can be any project or program aimed at improving safety for any mode of travel including roads, trails, pedestrian features, boating and aviation facilities, and more. Your comments will help determine emphasis areas for the plan.

Public comment is key to a successful project. Please feel free to contact me directly with any comments or concerns. I can be reached by email at jwander@bristol-companies.com or by phone (907) 743-9314.

Sincerely,

Jaclyn (Jackie) Wander
Civil Engineer II





Community Meeting for Togiak Tribal Hazard Mitigation Plan January 24, 2019

Dear Participant;

Thank you for attending the public meeting for the Togiak FEMA Tribal Hazard Mitigation Plan (THMP). Your comments and participation are very important to the planning process. We appreciate any feedback you may have on this meeting or the project in general.

Bristol Bay Native Association (BBNA) Department of Transportation and Infrastructure Development (DOTID) has contracted Bristol Engineering Services Company, LLC (Bristol) to assist with the preparation of the FEMA THMP. The THMP is a planning document used to identify hazards that your community is exposed to and ways to reduce potential losses of important assets from these hazards. A FEMA approved and community adopted THMP enables the Local government to apply for grants through disaster related assistance programs like the Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM), and others.

The purpose of this public meeting is to inform the community about the THMP, collect community feedback about the identified hazards and mitigation actions / projects. We are looking for personal experiences with the identified hazards, and assistance with identifying problem areas and issues of concern. We would also like input on the identified mitigation strategies and ways that the Planning Team can keep the public informed and involved in the process. This information will be used in the THMP. A draft copy will be available for review when completed.

Public comment is key to a successful project. Please feel free to contact me directly with any comments or concerns. My email is ddance@bristol-companies.com.

Sincerely,

Danielle Dance
Civil Engineer I

Attachments:

- Newsletter
- List of Preparedness Resources
- 12 Ways to Prepare Postcard





This newsletter describes the Bristol Bay Native Association Transportation and Infrastructure Department's Tribal Hazard Mitigation Planning project development processes to all interested agencies, stakeholders, and the public and to solicit comments. It can also be viewed on the BBNA's website at www.bbna.com

Bristol Bay Native Association (BBNA) Transportation and Infrastructure Department (DOTID) was awarded a Pre-Disaster Mitigation Program grant from the Federal Emergency Management Agency (FEMA) to prepare your 2019 Tribal Hazard Mitigation Plan (THMP). Bristol Engineering Services Company, LLC (BESC) was contracted to assist the BBNA DOTID with preparing a 2019 FEMA approvable THMP plan.

The THMP will identify all natural hazards, such as earthquake, flood, erosion, severe weather, and wildland/tundra fire hazards, etc. The plan will also identify the people and facilities potentially at risk and ways to mitigate damage from future hazard impacts. We will document the public participation and planning process as part of this project.

What is Hazard Mitigation?

Hazard mitigation projects eliminate the risk or reduce the hazard impact severity to people and property. Projects may include short- or long-term activities to reduce exposure to or the effects of known hazards. Hazard mitigation activities could include relocating or elevating buildings, replacing insufficiently sized culverts, using alternative construction techniques, developing, implementing, or enforcing building codes, or developing, and implementing education programs.

Why Do We Need A Hazard Mitigation Plan?

Communities must have a State, FEMA approved, and community adopted mitigation plan to receive a project grant from FEMA's pre- and post- disaster grants identified in their Hazard Mitigation Assistance and other agency's mitigation grant programs. BBNA DOTID plans to apply for mitigation funds after our plan is complete.

A FEMA approved and community adopted THMP enables the Local government to apply for the Hazard Mitigation Grant Program (HMGP), a disaster related assistance program; the Pre-Disaster Mitigation (PDM), and the National Flood Insurance Program (NFIP) Flood Mitigation Assistance (FMA) grant programs.

The Planning Process

There are very specific federal requirements that must be met when preparing a FEMA approvable THMP. These requirements are commonly referred to as the planning process requirements of 44 CFR 201.7 (c)

The following steps describe the planning process in order to develop the THMP.

1. **Establish the Planning Team**
2. **Education of the Planning Team**
3. **Assess Risks**
4. **Assess Capabilities**
5. **Develop a Mitigation Strategy**
6. **Monitor, Evaluate, and Plan Updates**

We are currently in the very beginning stages of preparing the plan development. We will be conducting a Planning Team Meeting to introduce the project and planning team, to gather comments from community residents, identify hazards, and collect data to refine the vulnerability assessment.

We Need Your Help

BESC has prepared survey packets to begin collecting information for your THMP. Survey packets will be mailed to your village council and sent by email to your village administrator.

Establishing a Planning Team is a very important step.

We will need a point of contact (POC)/team leader from your community. This group will consist of 2-5 people that have good knowledge about land use, the transportation system, public facilities, and safety resources within the community. BBNA DOTID will be in contact with your tribe to determine a POC and your planning team.

Once the Planning Team has been developed, they will begin to work on the following items:

- Identifying the hazards that impact your community;
- Determining information about the hazards such as, location, history, extent, and the probability of future events;
- Completing a risk analysis, and;
- Developing problem statements and goals.

BBNA DOTID will be in contact with your tribe to set up an initial teleconference meeting with the Planning Team, BBNA DOTID, and BESC to continue to work on the THMP development.

The BBNA DOTID team will be led by Annie Fritze, DOTID Program Manager or Dan Breeden, Department Director with assistance from Bristol Engineering Service Company, LLC (contracted by BBNA). BESC will be developing materials and lead the planning process with guidance from BBNA DOTID staff.

BBNA Tribal Hazard Planning Team

Team Member	Title	Involvement
Annie Fritze	Program Manager	THMP Team Leader, data gathering and plan review
Dan Breeden	Department Director	THMP Team Leader, data gathering and plan review
Isaac Pearson, P.E.	Senior Engineer	THMP Consultant
Danielle Dance	Civil Engineer	THMP Consultant

Public Participation

The purpose of this newsletter is to keep you informed, and to allow you every opportunity to voice your opinion regarding these important projects. We want to encourage public involvement as a continuous effort throughout the project.

We encourage you to take an active part in the development effort, and preparation of the Tribal Hazard Mitigation Plan.

The goal is to receive comments, identify key issues or concerns, and improve mitigation ideas, and to guide the community.

Please contact BBNA DOTID program staff or BESC if you have any questions, comments, or requests for more information:

Bristol Bay Native Association DOTID Annie Fritze OR Dan Breeden PO Box 310 Dillingham, Alaska 99576 (907) 842-6219	Bristol Engineering Services Company, LLC Danielle Dance, Consultant 111 W. 16th Avenue, Third Floor Anchorage, Alaska 99501 (907)563-0013
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Useful web links

Volcano Information

- Visit the AVO website: www.avo.alaska.edu
- Sign up for the VNS: <https://volcanoes.usgs.gov/vns2/>
- Ash Impacts website: https://volcanoes.usgs.gov/volcanic_ash
- Ashfall advisories come from the NWS: www.weather.gov/afc/
- AVO would *love* your volcano observations and ash samples
 - Find us at www.avo.alaska.edu/contact.php/
 - Is Ash Falling: www.avo.alaska.edu/ashfall/ashreport.php
 - Collection instructions: <https://avo.alaska.edu/ashfall.php>
 - Facebook: <http://facebook.com/alaska.avo>
 - Twitter: http://twitter.com/alaska_avo
- Air Quality Advisories, DEC: <http://dec.alaska.gov/air>
- Airborne ash hazards to aircraft, NOAA: <http://aawu.arh.noaa.gov>
- Local Notice to Mariners, USCG: www.navcen.uscg.gov

Weather Information

- Watches and Warnings: <https://alerts.weather.gov/cap/ak.php?x=1>
- Any forecast: <http://www.weather.gov/afc>
- Mobile information (low bandwidth): <http://www.weather.gov/source/afc/mobile/>
- River Information: <http://www.weather.gov/aprhc>
- Rainfall: <http://www.weather.gov/aprhc>
- Breakup Info: <http://www.weather.gov/aprhc/breakupESRIMap>
- River Conditions: <http://www.weather.gov/aprhc/riverConditions>
- Alaska Weather T.V. Maps: <http://www.weather.gov/afc/tv>
- Sea Ice forecasts: <http://www.weather.gov/afc/ice>
- Outlook (temperatures and precipitation): <http://www.cpc.noaa.gov>
- Send us a storm report:
http://www.srh.noaa.gov/StormReport_new/SubmitReport.php?site=AFC

WEBSITES

- Alaska DHS&EM: <http://ready.alaska.gov>
- Ready, Department of Homeland Security: <https://www.ready.gov/>
- Department of Commerce, Community and Economic Development (DCCED), State of Alaska Floodplain Management: <http://www.commerce.state.ak.us/dca/nfip/nfip.htm>
- Flood information for Alaskans: <http://www.flood.alaska.gov>
- Association of State Floodplain Managers: <http://www.floods.org/>
- Alaska-Pacific River Forecast Center (APRFC): <http://aprfc.arh.noaa.gov>
- Natural Resources Conservation Service (NRCS), Alaska Snow, Water and Climate Services: <http://ambcs.org>
- National Weather Service (NWS), Alaska Region Headquarters: <http://www.arh.noaa.gov/>
- Federal Aviation Administration (FAA), Alaskan Region's Weather Cameras: <http://avcams.faa.gov/>
- U.S. Department of the Interior—Bureau of Land Management (BLM), Alaska Fire Service: <http://fire.ak.blm.gov/>
- Alaska Energy Authority (AEA): <http://www.akenergyauthority.org/>
- Department of Commerce, Community and Economic Development (DCCED), Community Profiles: <http://www.commerce.state.ak.us/dca>
- Alaska Department of Public Safety, Rural Fire Training Office: <http://www.dps.state.ak.us/fire/TEB/ruralfireprotection.aspx>
- Department of Environmental Conservation (DEC): <http://www.state.ak.us/dec/>
- National Weather Service, Forecast Office Alaska Ice Desk: <http://pafc.arh.noaa.gov/ice.php>
- Federal Emergency Management Agency (FEMA): <http://www.fema.gov/>
- American Red Cross of Alaska: <http://www.alaska.redcross.org>
- Small Business Administration: <http://www.sba.gov/localresources/disasteroffices/focwest/index.html>

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Traditional Village of Togiak
Public Meeting
January 24, 2019

Traditional Village of Togiak Tribal Transportation Safety Plan

Bristol Engineering Services Company, LLC
Jackie Wander, Civil Engineer II

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January 24, 2019

Safety Minute



CODE ZERO
Code Zero means zero incidents, zero injuries, and zero losses. Code Zero positively influences how we think and act. *Code Zero is the Bristol way.*

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Presentation Overview

- What is a Safety Plan?
- Importance of Safety Plans
- The Four E's of Safety
- Steps to Develop a Safety Plan
- Data Collection & Surveys
- Emphasis Areas
- Implementation Plan
- Next Steps
- Questions / Comments
- Hazard Mitigation Plan Presentation**
- Door Prizes!



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Tribal Transportation Safety Plan

"A Transportation Safety Plan is a collaborative and comprehensive document that identifies transportation safety issues and strategies to address them. Effective Transportation Safety Plans lead to projects that make the transportation system safer."

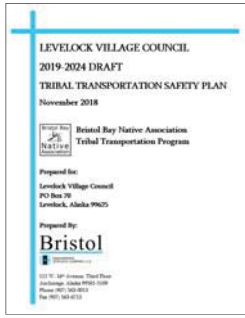
~ U.S. Department of Transportation Federal Highway Administration
Developing a Transportation Safety Plan

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Tribal Transportation Safety Plan

- Uses Data to Guide Transportation Investment Decisions
- Mechanism to Coordinate Safety Efforts
 - Engage leadership/stakeholders
 - Collect/analyze data
 - Determine emphasis areas
 - Identify strategies
- Evaluates Existing Efforts



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Importance of Safety Plans

- Proactive Approach to Planning
 - Prevents crashes
 - Improves unsafe transportation conditions
- Addresses Most Critical Safety Needs
- Develops Partnerships
- Fosters Multidisciplinary Cooperation
- Increases Access to Safety Funding



"Planning with safety in mind saves lives"

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Four E's of Safety

- ▶ **EDUCATION**
 - Gives drivers information about making good choices
 - Informs about rules of the road
- ▶ **ENGINEERING**
 - Addresses roadway infrastructure
- ▶ **ENFORCEMENT**
 - Enforces traffic laws
 - Provides visible police presence
- ▶ **EMERGENCY SERVICES**
 - Provides rapid response
 - Quality of care when responding to collisions causing injury



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Safety Plan Development

- ▶ Step 1 – Establish Safety Leadership Framework
- ▶ Step 2 – Collect & Analyze Safety Data
- ▶ Step 3 – Determine Emphasis Areas
- ▶ Step 4 – Identify Strategies
- ▶ Step 5 – Prioritize/Incorporate Strategies
- ▶ Step 6 – Draft a Plan
- ▶ Step 7 – Evaluate/Update the Transportation Safety Plan



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Safety Partners

- ▶ Traditional Village of Togiak
- ▶ City of Togiak
- ▶ Togiak Natives Limited
- ▶ VPSO / VPO
- ▶ Togiak State Troopers
- ▶ Togiak Sub Regional Health Clinic / BBAHC
- ▶ BBNA
- ▶ Bristol Engineering / BBNC
- ▶ Alaska DOT&PF
- ▶ FHWA
- ▶ BIA TTP
- ▶ DNR / Coast Guard



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Existing Safety Efforts

- ▶ **Road Maintenance**
 - Road grading
 - Snow plowing
 - Brush cutting
 - Culvert cleaning
- ▶ **Road Rehabilitation**
 - Built up roads
 - Installed new culverts
- ▶ **Trail improvements**
 - Trail redesign in progress
- ▶ **Law Enforcement**
 - VPSO
 - State Trooper
- ▶ **Billy Blue Road**
 - Safe Routes to School Grant
- ▶ **Driver's Education**
 - Talks at school



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Data Collection

- ▶ Crash Data from Alaska Department of Transportation
- ▶ US Coast Guard Boating Accidents
- ▶ Citations / Data from Togiak Police*
- ▶ Public Surveys*



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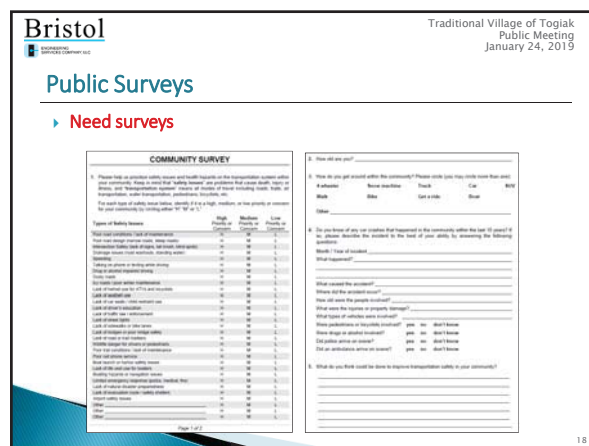
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Crash Data – Overview

- ▶ 3 Crashes from DOT&PF
 1. 24-year old female with one occupant, Sunday night, alcohol use, functional damage to 3 vehicles
 2. 21-year old female, Friday evening, ran a stop sign, suspected alcohol use, minor damage to 2 vehicles
 3. 60-year old male with one other occupant, Friday night, negligent driving, hit and seriously injured a pedestrian



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Public Surveys

- Question 1 – Rank safety priorities
- Question 2 – How old are you?
- Question 3 – How do you get around within the community?
- Question 4 – Crash data
- Question 5 – What do you think could be done to improve transportation safety within the community?



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Candidate Emphasis Areas

- Road Conditions
 - Rehabilitate Bayview Drive
 - Guardrails on Togiak Heights
 - Drainage improvements
- Trail Safety
 - Construct new trails
 - Install trail markers
 - Develop trail maps
 - Trail bridges
- Speeding / Dust
 - Speed limit signs
 - Dust suppression
 - Stricter enforcement
- Pedestrians
 - More streetlights
 - Wider roads
 - Reflectors




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Candidate Emphasis Areas

- ATV Safety
 - Helmet program
 - Stricter enforcement
 - Driver's education
- Boating Safety
 - More life vest use
 - Lights at barge dock
 - Kids Don't Float program
- School
 - Billy Blue Road
 - School zone signs
 - Ice removal on school routes




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Emphasis Areas

- Airport Safety
- Animal Control
- Vehicle Maintenance
- Others? Comments?

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Implementation Plan

EMPHASIS AREA #1		STRATEGIC LANGUAGE				
OBJECTIVES		60% of survey respondents marked "speeding" as a high priority, making it the 4th highest community safety priority.				
Reduce the risk and severity of speeding-related car crashes.		Installing speed bumps was the second most common suggestion in the community surveys regarding actions to improve transportation safety.				
SUCCESS INDICATORS		At least 2 out of 5 reported car crashes involved excessive rate of speed.				
Slower driving speeds around the community.						
AREA	ACTIONS	TARGET OUTPUT	RESPONSIBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING AND EVALUATION
EDUCATION	Install more speed limit signs around the community, as needed.	Improve awareness of speed limits.	Transportation Coordinator, Tribal Administrator	Summer 2020	Number of speed limit signs installed or replaced.	Inspect road signs once per year and repair or replace as needed.
ENFORCEMENT	Work with the VPSO to pursue speeders, as appropriate. Increase VPSO presence in the school zone before and after school.	Improve enforcement of speed limits and increase visibility of police force.	Transportation Coordinator, Tribal Administrator	On-going, especially during school months.	Reduced number of complaints from community members about speeders.	Keep record of speeding-related complaints before and after installation of speed bumps.
ENGINEERING	Install painted speed bumps at ideal locations to reduce speeds, especially within the school zone or on streets with high pedestrian traffic.	Reduce speeding on community streets. Reduce the number of speeding-related car crashes.	Transportation Coordinator, Tribal Administrator	Summer 2023	Number of speed bumps installed around the community. Reduced number of speeding-related accidents.	Keep record of speeding-related accidents before and after installation of speed bumps.
EMERGENCY	Maintain a local VPSO. Encourage people to join the volunteer emergency response team to respond to traffic accidents caused by speeding or other factors.	Have reliable police and medical services within the community to improve quality of care during a transportation incident.	Transportation Coordinator, Tribal Administrator	On-going	Number of days the VPSO patrolled the school zone. Increased number of volunteers on the emergency response team.	Schedule seasonal meetings with the VPSO & response team to monitor performance.

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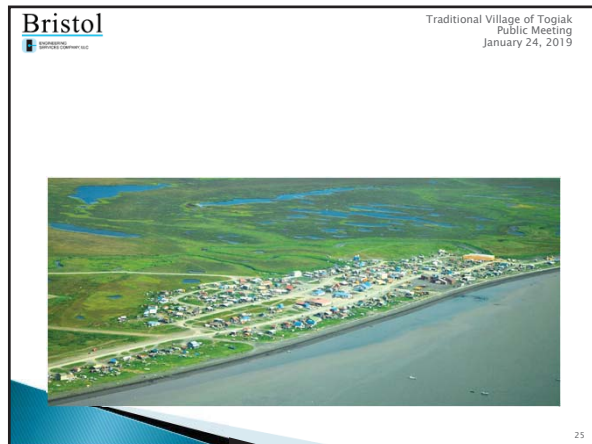
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Next Steps

- Public Surveys!!
- Draft Safety Plan
 - March 2019
 - Collect public comment
- Final Draft Safety Plan
 - April 2019
 - Council review
- Final Safety Plan
 - May 2019
 - Resolution
- Implementation



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Togiak FEMA Tribal Hazard Mitigation Plan

Bristol Engineering Services Company, LLC
Danielle Dance

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January 24, 2019

Presentation Overview

- Project Background
- FEMA Tribal Hazard Mitigation Plan (THMP)
- Funding
- Identified Hazards
- Assets
- Mitigation Goals
- Mitigation Action Plan

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Project Background

- BBNA DOTID awarded Pre-Disaster Mitigation Program grant from FEMA
 - Develop the Tribal Hazard Mitigation Plan
 - Contracted BESC
- Hazard Mitigation
 - eliminates risk to or reduces hazard impact severity to community assets
 - Projects can be long or short term
- Purpose of Plan
 - Identify ways to make community safer and more prepared
 - Provides opportunity for funding options through FEMA

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FEMA Tribal Hazard Mitigation Plan (THMP)

- Follows Code of Federal Regulations (CFR)
 - 44 CFR Part 201
- Identifies
 - Planning Process / Planning Team
 - Plan to keep the THMP current
 - Natural hazards in your community
 - Community assets
 - Mitigation strategy / action plan
 - Funding Opportunities

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Funding

- Eligibility Requirement for FEMA Pre- and Post- Disaster Grants
 - FEMA approved and community adopted Hazard Mitigation Plan
 - Plan identifies mitigation projects for the community
- Grants
 - Hazard Mitigation Grant Program (HMGP)
 - Pre-Disaster Mitigation (PDM)
 - National Flood Insurance Program (NFIP)
 - Flood Mitigation Assistance (FMA)
- Other Grant Opportunities
 - State
 - Tribal

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Identified Hazards

- ▶ Hazards Identified Based on
 - Location
 - Extent
 - Probability of Future Event
 - Overall Significance
- ▶ Hazards Detailed in Plan
 - Location
 - Extent
 - History
 - Probability of Future Events
- ▶ Hazards
 - Earthquake
 - Erosion
 - Extreme Cold
 - Flood
 - Severe Wind
 - Severe Winter Weather
 - Subsidence
 - Volcano
 - Wildfire
 - Storm Surge
- ▶ What experiences have you had?

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Community Assets

- ▶ Asset
 - People
 - Economy
 - Built Environment
 - Natural Environment
- ▶ Major Community Assets
 - School
 - Churches
 - Cemetery
 - Utilities
 - Clinic
 - Tribal Office
 - Post Office / Store
 - Roads / Trails
 - Bulkhead / Airport
 - Others



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Mitigation Goals

- ▶ Goals Based on Vulnerability Statements
 - Erosion continues to be an ongoing problem. The area between the old school and the new dock continues to loose gravel.
 - The seawall protects against the waves but water still overtops the seawall to flood the lower village.



FEMA Local Mitigation Planning Handbook
March 2013

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Traditional Village of Togiak
Public Meeting
January 24, 2019

Mitigation Goals

- ▶ Community Goals
 - Reduce possibility of damages due to the profiled hazards.
 - Earthquakes
 - Erosion
 - Extreme Cold Temperatures
 - Floods
 - Severe Wind
 - Severe Winter Weather
 - Subsidence
 - Volcanos
 - Wildfires
 - Storm Surges
 - Build the capacity of the Tribe to prepare, respond to, and recover from disasters.

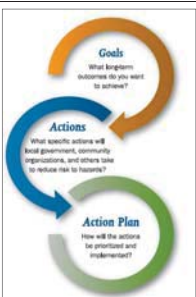
34

Bristol
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SOLUTIONS CORPORATION LLC

Traditional Village of Togiak
Public Meeting
January 24, 2019

Mitigation Actions

- ▶ Mitigation Actions Reduce Long-Term Vulnerability
- ▶ Types
 - Local plans and regulations
 - Structure and infrastructure projects
 - Natural systems protection
 - Education and awareness programs
 - Additional – Preparedness and Response Actions
- ▶ Actions Will be Used to Create a Mitigation Action Plan



FEMA Local Mitigation Planning Handbook
March 2013

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Traditional Village of Togiak
Public Meeting
January 24, 2019

Mitigation Actions (Continued)

- ▶ Mitigation Actions
 - Need trained first responders and alternates
 - Housing assistance to update and improve homes.
 - Need cleanup response kits and trained personnel in case of spill after earthquakes or other spills.
 - Communication device for traveling in cold weather and for other emergencies.
 - Emergency shelter
 - Drainage improvements
 - Produce or update emergency plans
- ▶ Elevation and/or reinforcement of roads
- ▶ Relocate existing and new Public Safety Facilities to areas above the 100-year floodplain
- ▶ Participate in Storm Ready
- ▶ Encourage weather resistant building construction materials and practices
- ▶ Identify critical facilities and assess structural integrity
- ▶ What other suggestions do you have?

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Traditional Village of Togiak
Public Meeting
January 24, 2019

Continued Public Involvement

- Public Involvement is Important
 - Next Steps
- How can the Planning Team keep you informed and involved in this process?



Contact

BBNA DOTID Annie Fritze (907) 842-6143 afritze@bbna.com	Bristol Engineering (BESC) Danielle Dance (907) 563-0013 ddance@bristol-companies.com
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Traditional Village of Togiak
Public Meeting
January 24, 2019

Questions or Comments

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Traditional Village of Togiak
Public Meeting
January 24, 2019

QUYANA!



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• location of Street Signs - some missing

Issues with Subdivision
Roads on the hill (black pen)

*no deep
no need*

Area Use Map TOGIAK

59° 3' 23" N 156° 23' 31" W (NAD 83)
Approximate Elevation: 9'
Township 12 & 13 South, Range 66 & 67 West, S.M., AK
U.S.G.S. Quadrangle "GOODNEWS BAY A-4" Alaska
BRISTOL BAY RECORDING DISTRICT

SEE SHEETS 1 & 2 FOR DETAILED COMMUNITY MAP

Scale 1"=100'
Date of Photography: July 13, 2003
Magnetic Declination computed by U.S.G.S. Geomag
Program using IGRF2000 model as of January, 2004.

SHEET
4 of 4

MAP NOTES
This map was prepared by the Bristol Bay Native Association (BBNA) in cooperation with the Alaska Department of Community and Economic Development (ADEC) using funding from the Bristol Bay Native Association (BBNA) through the Alaska Native Claims Settlement Act (ANCSA). The map is a representation of the land use data collected by the BBNA and ADEC. The map is not a legal document and should not be used for legal purposes. The map is a representation of the land use data collected by the BBNA and ADEC. The map is not a legal document and should not be used for legal purposes. The map is a representation of the land use data collected by the BBNA and ADEC. The map is not a legal document and should not be used for legal purposes.

Proposed trail improvements



Proposed trail improvements

250' Boardwalk:
Install on pilings high enough to allow clearance for ice/overflow.
Wide enough and strong enough for anticipated traffic.
Use boardwalk to approach bridge span on both sides.

Construction to reduce grade descending into creek.
Use gravel materials to push fill towards creek crossing.

Regrade/Fill Trail:
Existing climb out of riverbed is too steep.
Push fill out towards bridge crossing to reduce grade.
Harvest fill on site and from rerouted trail.

Preferred Crossing:
Straight channel and stable banks.
30' span with abutments 5' back from both banks.
Enough freeboard to allow for ice/overflow/flooding.

Existing crossing/ former bridge site

~450' New Trail:
New construction to approach boardwalk.
Full bench trail construction descending from
Gravel over geotextile along toe of slope.
Harvest fill material on site using tracked

APPENDIX B: COMMUNITY SURVEY RESULTS

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other	H	M	L
Other	H	M	L
Other	H	M	L

TOGIAC
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 68 yrs going 69

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Snow machine

Truck

Car

SUV

Walk

Bike

Get a ride

Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident Nov, Dec, Jan

What happened? off road

What caused the accident? slippery

Where did the accident occur? by lagoon

How old were the people involved? don't know

What were the injuries or property damage? not much

What types of vehicles were involved? car & 4 wheel

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

don't know now

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? _____

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Snow machine

Truck

Car

SUV

Walk

Bike

Get a ride

Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** **don't know**

Were drugs or alcohol involved? **yes** **no** **don't know**

Did police arrive on scene? **yes** **no** **don't know**

Did an ambulance arrive on scene? **yes** **no** **don't know**

5. What do you think could be done to improve transportation safety in your community?

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other <u>move to area longer airport</u>	H	M	L
Other <u>study to a longer area please</u>	H	M	L
Other <u>village getting bigger</u>	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 70

3. How do you get around within the community? Please circle (you may circle more than one):

<u>4-wheeler</u>	Snow machine	<u>Truck</u>	Car	SUV
<u>Walk</u>	<u>Bike</u>	Get a ride	Boat	

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident 01-2019

What happened? Going up the main road below the Moravian Church.

What caused the accident? alcohol related

Where did the accident occur? tundra area

How old were the people involved? 1

What were the injuries or property damage? IDK

What types of vehicles were involved? F-150 truck

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

Improve our dirt/dust road, more higher gravel, drains, improve whatever DOT safety rules, by laws, books they abide by, better safety improved roads. How we improve our community with anyone's help or working together for our betterment for, our community / Kura / village. Thank you!!

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other <u>Poor Air Services</u>	H	M	L
Other	H	M	L
Other	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 37

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler Snow machine Truck Boat SUV
Walk Bike Get a ride Boat

Other Towed in a Sled

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident 01-16 / 01-15

What happened? Foggy roads / Pedestrian Hit
Car and snow-go

What caused the accident? Fog

Where did the accident occur? _____

How old were the people involved? Adults

What were the injuries or property damage? Auto - Snow Go

What types of vehicles were involved? " / "

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

Education - Repetition - Enforcement strategies

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	(H)	M	L
Poor road design (narrow roads, steep roads)	(H)	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	(H)	M	L
Drainage issues (road washouts, standing water)	(H)	M	L
Speeding	H	(M)	L
Talking on phone or texting while driving	H	(M)	L
Drug or alcohol impaired driving	(H)	M	L
Dusty roads	(H)	M	L
Icy roads / poor winter maintenance	(H)	M	L
Lack of helmet use for ATVs and bicyclists	H	(M)	L
Lack of seatbelt use	H	(M)	L
Lack of car seats / child restraint use	H	(M)	L
Lack of driver's education	(H)	M	L
Lack of traffic law / enforcement	(H)	M	L
Lack of street lights	H	M	(L)
Lack of sidewalks or bike lanes	(H)	M	L
Lack of bridges or poor bridge safety	(H)	M	L
Lack of road or trail markers	H	M	(L)
Wildlife danger for drivers or pedestrians	(H)	M	L
Poor trail conditions / lack of maintenance	(H)	M	L
Poor cell phone service	H	(M)	L
Boat launch or harbor safety issues	H	(M)	L
Lack of life vest use for boaters	H	(M)	L
Boating hazards or navigation issues	H	(M)	L
Limited emergency response (police, medical, fire)	(H)	M	L
Lack of natural disaster preparedness	H	M	(L)
Lack of evacuation route / safety shelters	(H)	M	L
Airport safety issues	(H)	M	L
Other <u>Animal</u>	(H)	M	L
Other <u>Alcohol & Drug Abuse</u>	(H)	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 57

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Snow machine

Truck

Car

SUV

Walk

Bike

Get a ride

Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** **don't know**

Were drugs or alcohol involved? **yes** **no** **don't know**

Did police arrive on scene? **yes** **no** **don't know**

Did an ambulance arrive on scene? **yes** **no** **don't know**

5. What do you think could be done to improve transportation safety in your community?

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	(L)
Poor road design (narrow roads, steep roads)	H	(M)	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	(L)
Drainage issues (road washouts, standing water)	H	M	(L)
Speeding	(H)	M	L
Talking on phone or texting while driving	(H)	M	L
Drug or alcohol impaired driving	(H)	M	L
Dusty roads	(H)	M	L
Icy roads / poor winter maintenance	(H)	M	L
Lack of helmet use for ATVs and bicyclists	(H)	M	L
Lack of seatbelt use	(H)	M	L
Lack of car seats / child restraint use	(H)	M	L
Lack of driver's education	(H)	M	L
Lack of traffic law / enforcement	H	(M)	L
Lack of street lights	H	(M)	L
Lack of sidewalks or bike lanes	(H)	M	L
Lack of bridges or poor bridge safety	(H)	M	L
Lack of road or trail markers	H	(M)	L
Wildlife danger for drivers or pedestrians	(H)	M	L
Poor trail conditions / lack of maintenance	H	M	(L)
Poor cell phone service	H	(M)	L
Boat launch or harbor safety issues	H	(M)	L
Lack of life vest use for boaters	(H)	M	L
Boating hazards or navigation issues	(H)	M	L
Limited emergency response (police, medical, fire)	(H)	M	L
Lack of natural disaster preparedness	H	M	(L)
Lack of evacuation route / safety shelters	H	M	(L)
Airport safety issues	H	M	(L)
Other _____	H	(M)	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 64

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Snow machine

Truck

Car

SUV

Walk

Bike

Get a ride

Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** don't know

Were drugs or alcohol involved? **yes** **no** don't know

Did police arrive on scene? yes **no** **don't know**

Did an ambulance arrive on scene? **yes** **no** don't know

5. What do you think could be done to improve transportation safety in your community?

Very good

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? _____

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler	Snow machine	Truck	Car	SUV
Walk	Bike	Get a ride	Boat	

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** **don't know**

Were drugs or alcohol involved? **yes** **no** **don't know**

Did police arrive on scene? **yes** **no** **don't know**

Did an ambulance arrive on scene? **yes** **no** **don't know**

5. What do you think could be done to improve transportation safety in your community?

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	(M)	L
Poor road design (narrow roads, steep roads)	H	M	(L)
Intersection Safety (lack of signs, tall brush, blind spots)	H	(M)	L
Drainage issues (road washouts, standing water)	H	(M)	L
Speeding	H	(M)	L
Talking on phone or texting while driving	H	M	(L)
Drug or alcohol impaired driving	H	M	(L)
Dusty roads	H	(M)	L
Icy roads / poor winter maintenance	(H)	M	L
Lack of helmet use for ATVs and bicyclists	(H)	M	L
Lack of seatbelt use	H	(M)	L
Lack of car seats / child restraint use	H	(M)	L
Lack of driver's education	H	(M)	L
Lack of traffic law / enforcement	H	(M)	L
Lack of street lights	H	(M)	L
Lack of sidewalks or bike lanes	(H)	M	L
Lack of bridges or poor bridge safety	H	(M)	L
Lack of road or trail markers	(H)	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	(H)	M	L
Poor cell phone service	(H)	(M)	L
Boat launch or harbor safety issues	H	(M)	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	(H)	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	(H)	(M)	L
Lack of evacuation route / safety shelters	H	(M)	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 51 years old

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Walk

Snow machine

Bike

Truck

Get a ride

Car

Boat

SUV

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 58

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler Snow machine Truck Car SUV
Walk Bike Get a ride Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident DEC / JAN

What happened? DRUNK DRIVING - RAN OFF ROAD - ROLLED VEHICLE

What caused the accident? ALCOHOL

Where did the accident occur? UP TOWARDS HEIGHT RD

How old were the people involved? 30's

What were the injuries or property damage? DONT KNOW

What types of vehicles were involved? TRUCK

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

More police involvement / NOT 9-5

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAC
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 42

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler Snow machine Truck Car SUV
Walk Bike Get a ride Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident 2014

What happened? Head on collision

What caused the accident? DWI

Where did the accident occur? Togish Heights Road

How old were the people involved? over 21

What were the injuries or property damage? Trucks got damaged

What types of vehicles were involved? Trucks

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

wider Roads

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 23

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Snow machine

Truck

Car

SUV

Walk

Bike

Get a ride

Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident December 2018

What happened? I heard of a car crash during winter

What caused the accident? alcohol-related

Where did the accident occur? not sure where

How old were the people involved? 30?

What were the injuries or property damage? Damages to truck

What types of vehicles were involved? truck

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

Community awareness on safe driving,
driver's ed classes starting in h.s., cab service,
helmets

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 35

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Snow machine

Truck

Car

SUV

Walk

Bike

Get a ride

Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident NO car, but ATV accidents

What happened? speeding, too much dust, collisions

What caused the accident? Speeding

Where did the accident occur? on the roads

How old were the people involved? in high school 14-17 yrs

What were the injuries or property damage? Some fatalities, some fractured bones

What types of vehicles were involved? ATV's, snowmachine

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

more education from parents and also @ school.

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	(M)	L
Poor road design (narrow roads, steep roads)	H	M	(L)
Intersection Safety (lack of signs, tall brush, blind spots)	H	(M)	L
Drainage issues (road washouts, standing water)	H	(M)	L
Speeding	H	(M)	L
Talking on phone or texting while driving	H	M	(L)
Drug or alcohol impaired driving	H	M	(L)
Dusty roads	H	(M)	L
Icy roads / poor winter maintenance	(H)	M	L
Lack of helmet use for ATVs and bicyclists	(H)	M	L
Lack of seatbelt use	H	(M)	L
Lack of car seats / child restraint use	H	(M)	L
Lack of driver's education	H	(M)	L
Lack of traffic law / enforcement	H	(M)	L
Lack of street lights	H	(M)	L
Lack of sidewalks or bike lanes	(H)	M	L
Lack of bridges or poor bridge safety	H	(M)	L
Lack of road or trail markers	(H)	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	(H)	M	L
Poor cell phone service	(H)	M	L
Boat launch or harbor safety issues	H	(M)	L
Lack of life vest use for boaters	H	(M)	L
Boating hazards or navigation issues	(H)	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	(H)	M	L
Lack of evacuation route / safety shelters	H	(M)	L
Airport safety issues	H	(M)	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 51 years old

3. How do you get around within the community? Please circle (you may circle more than one):

<u>4-wheeler</u>	<u>Snow machine</u>	Truck	Car	SUV
<u>Walk</u>	Bike	Get a ride	<u>Boat</u>	

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 40

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Snow machine

Truck

Car

SUV

Walk

Bike

Get a ride

Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** **don't know**

Were drugs or alcohol involved? **yes** **no** **don't know**

Did police arrive on scene? **yes** **no** **don't know**

Did an ambulance arrive on scene? **yes** **no** **don't know**

5. What do you think could be done to improve transportation safety in your community?

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 50+

3. How do you get around within the community? Please circle (you may circle more than one):

☒ 4-wheeler ☒ Snow machine ☒ Truck ☒ Car SUV
☒ Walk Bike Get a ride ☒ Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident not sure of the years.

What happened? car crash, ATV crash, car/truck collision, pedestrian struck by a truck,

What caused the accident? No sidewalk for pedestrians - Fire-

Where did the accident occur? Up the hill Road / Road to cliffs

How old were the people involved? Young adults / middle age

What were the injuries or property damage? Vehicle damage / person

What types of vehicles were involved? Truck / Car / 4-wheel

Were pedestrians or bicyclists involved? ☒ yes no don't know (in one)

Were drugs or alcohol involved? ☒ yes no don't know

Did police arrive on scene? ☒ yes no don't know

Did an ambulance arrive on scene? ☒ yes no don't know

5. What do you think could be done to improve transportation safety in your community?

- Road Improvements esp @ Up the hill -
3 turn - intersections - New Roads
- Dust Control
- Education
- Enforcement
-

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? my age is forty two yrs. old

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler Snow machine Truck Car SUV
Walk Bike Get a ride Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident 2014

What happened? _____

What caused the accident? alcohol

Where did the accident occur? Togiak

How old were the people involved? mid twenties / early twenty / teenage

What were the injuries or property damage? _____

What types of vehicles were involved? truck

Were pedestrians or bicyclists involved? yes no don't know not sure

Were drugs or alcohol involved? yes no don't know probably

Did police arrive on scene? yes no don't know yes

Did an ambulance arrive on scene? yes no don't know no

5. What do you think could be done to improve transportation safety in your community?

more people to be more involved just
incase a pedestrian or ~~anyone~~ anyone to
witness more truthfully unless we might
end up having issues in a village

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 21 years old

3. How do you get around within the community? Please circle (you may circle more than one):

☒ 4-wheeler	Snow machine	☒ Truck	Car	SUV
☒ Walk	Bike	Get a ride	Boat	

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident Nov 2018

What happened? A drunk driver flipped his truck

What caused the accident? Alcohol - drunken driving

Where did the accident occur? near the hill up there

How old were the people involved? 30

What were the injuries or property damage? not sure

What types of vehicles were involved? truck

Were pedestrians or bicyclists involved? yes no ☒ don't know

Were drugs or alcohol involved? ☒ yes no ☒ don't know

Did police arrive on scene? yes no ☒ don't know

Did an ambulance arrive on scene? yes no ☒ don't know

5. What do you think could be done to improve transportation safety in your community?

more education and awareness and
stuff to be done about it

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	M	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 47

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Snow machine

Truck

Car

SUV

Walk

Bike

Get a ride

Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident 2017

What happened? truck bump into pedestrian after school activities. The kid had to be medivaced out of Tigich
The trucks run even they are unsafe

What caused the accident? poor light and bad truck

Where did the accident occur? up on the hill

How old were the people involved? 2 62 & 16 yr

What were the injuries or property damage? medivac

What types of vehicles were involved? truck

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

There was a death of a 9yr old when they 9, 10, 11 kids were out
Same no supervision they took Honda and took off jayriding
had crashed into a dumpster the kid flew off got killed
and 1 kid was medivaced

Alot of kids out late
1) Suicide "

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 65

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler	Snow machine	Truck	Car	SUV
<u>Walk</u>	Bike	<u>Get a ride</u>	Boat	

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** **don't know**

Were drugs or alcohol involved? **yes** **no** **don't know**

Did police arrive on scene? **yes** **no** **don't know**

Did an ambulance arrive on scene? **yes** **no** **don't know**

5. What do you think could be done to improve transportation safety in your community?

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 51

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler Snow machine Truck Car SUV
Walk Bike Get a ride Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident 11/18
What happened? ATV with no lights collided with 2 person that tried to take another ATV to take for a joy ride
What caused the accident? No lights on ATV
Where did the accident occur? on the main road
How old were the people involved? _____
What were the injuries or property damage? _____
What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** **don't know**
Were drugs or alcohol involved? **yes** **no** **don't know**
Did police arrive on scene? **yes** **no** **don't know**
Did an ambulance arrive on scene? **yes** **no** **don't know**

5. What do you think could be done to improve transportation safety in your community?

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? _____

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler	Snow machine	Truck	Car	SUV
Walk	Bike	Get a ride	Boat	

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** **don't know**

Were drugs or alcohol involved? **yes** **no** **don't know**

Did police arrive on scene? **yes** **no** **don't know**

Did an ambulance arrive on scene? **yes** **no** **don't know**

5. What do you think could be done to improve transportation safety in your community?

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 62

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler Snow machine Truck Car SUV
Walk Bike Get a ride Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident _____

What happened? _____

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** **don't know**

Were drugs or alcohol involved? **yes** **no** **don't know**

Did police arrive on scene? **yes** **no** **don't know**

Did an ambulance arrive on scene? **yes** **no** **don't know**

5. What do you think could be done to improve transportation safety in your community?

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other <u>House fire</u>	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAK
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 63

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Snow machine

Truck

Car

SUV

Walk

Bike

Get a ride

Boat

Other _____

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident Dec 2018 / Jan 2019

What happened? icy condition on roads

What caused the accident? Just off road

Where did the accident occur? along side existing / use road

How old were the people involved? _____

What were the injuries or property damage? none, slight dent

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? yes no don't know

Were drugs or alcohol involved? yes no don't know

Did police arrive on scene? yes no don't know

Did an ambulance arrive on scene? yes no don't know

5. What do you think could be done to improve transportation safety in your community?

road maintenance, reflector on people walking at night - wider roads, street lights -

COMMUNITY SURVEY

1. Please help us prioritize safety issues and health hazards on the transportation system within your community. Keep in mind that **"safety issues"** are problems that cause death, injury or illness, and **"transportation system"** means all modes of travel including roads, trails, air transportation, water transportation, pedestrians, bicyclists, etc.

For each type of safety issue below, identify if it is a high, medium, or low priority or concern for your community by circling either "H" "M" or "L"

Types of Safety Issues	High Priority or Concern	Medium Priority or Concern	Low Priority or Concern
Poor road conditions / lack of maintenance	H	M	L
Poor road design (narrow roads, steep roads)	H	M	L
Intersection Safety (lack of signs, tall brush, blind spots)	H	M	L
Drainage issues (road washouts, standing water)	H	M	L
Speeding	H	M	L
Talking on phone or texting while driving	H	M	L
Drug or alcohol impaired driving	H	M	L
Dusty roads	H	M	L
Icy roads / poor winter maintenance	H	M	L
Lack of helmet use for ATVs and bicyclists	H	M	L
Lack of seatbelt use	H	M	L
Lack of car seats / child restraint use	H	M	L
Lack of driver's education	H	M	L
Lack of traffic law / enforcement	H	M	L
Lack of street lights	H	M	L
Lack of sidewalks or bike lanes	H	M	L
Lack of bridges or poor bridge safety	H	M	L
Lack of road or trail markers	H	M	L
Wildlife danger for drivers or pedestrians	H	M	L
Poor trail conditions / lack of maintenance	H	M	L
Poor cell phone service	H	M	L
Boat launch or harbor safety issues	H	M	L
Lack of life vest use for boaters	H	M	L
Boating hazards or navigation issues	H	M	L
Limited emergency response (police, medical, fire)	H	M	L
Lack of natural disaster preparedness	H	M	L
Lack of evacuation route / safety shelters	H	M	L
Airport safety issues	H	M	L
Other _____	H	M	L
Other _____	H	M	L
Other _____	H	M	L

TOGIAC
2019 TRIBAL TRANSPORTATION SAFETY PLAN

2. How old are you? 37

3. How do you get around within the community? Please circle (you may circle more than one):

4-wheeler

Snow machine

Truck

Car

SUV

Walk

Bike

Get a ride

Boat

Other Tryna study for Driver's License to open my own business
Taxi

4. Do you know of any car crashes that happened in the community within the last 10 years? If so, please describe the incident to the best of your ability by answering the following questions:

Month / Year of incident People/kids on four wheelers that I know of
What happened? countless accidents

Kids driving four wheelers
in one hour
Heard on collision

What caused the accident? _____

Where did the accident occur? _____

How old were the people involved? _____

What were the injuries or property damage? _____

What types of vehicles were involved? _____

Were pedestrians or bicyclists involved? **yes** **no** **don't know**

Were drugs or alcohol involved? **yes** **no** **don't know**

Did police arrive on scene? **yes** **no** **don't know**

Did an ambulance arrive on scene? **yes** **no** **don't know**

5. What do you think could be done to improve transportation safety in your community?

APPENDIX C: IMPLEMENTATION PLAN

IMPLEMENTATION PLAN

EMPHASIS AREA #1			STRATEGIC LINKAGE			
ROAD CONDITIONS			► Survey participants marked "high priority" for "Poor road design (narrow, steep roads)" (75%), "Icy roads / poor winter maintenance" (71%), and "Poor road conditions / lack of maintenance" (71%), putting all three safety issues in the top 8 community priorities.			
OBJECTIVES						
Identify road rehab. areas, improve drainage to reduce potholes & flooding, improve snow / ice management & overall road maintenance.						
SUCCESS INDICATORS						
Completed road construction projects, reduced number of flooding areas, reduced number of lane departures in winter due to ice.						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Teach kids to respect street signs through education at the school.	Reduce sign vandalism.	Tribe, Teachers	On-going, annually	Incorporation of signs into driver's education.	Continue driver's education annually.
ENFORCEMENT	Identify locations and install new stop and yield signs. Investigate methods to prevent vandalism such as using more robust sign poles.	Improve traffic control at intersections.	City, Tribe	2021	Identification of sign locations on a map. Order and install signs.	Inspect and replace signs, as needed.
ENGINEERING	Resurface, widen, and build up priority roadways. Improve drainage and upgrade culverts. Consider placing snow fencing along some roads.	Mitigate potholes and standing water/flooding issues. Reduce snow accumulation on roads.	City, Tribe	5-10 years	Planning, funding, design, and construction activities.	Discuss projects at monthly Council meetings. Public Involvement.
EMERGENCY SERVICES	Upgrade streetlights to energy efficient bulbs and install more streetlights as needed. Install guardrails in priority areas.	Provide better roadway illumination for drivers and EMT vehicles. Improve safety of areas with S-turns and steep embankments.	City, Tribe	5-10 years	Order LED energy efficient bulbs and install.	Inspect and replace lights, as needed.

IMPLEMENTATION PLAN

TRADITIONAL VILLAGE OF TOGIAK TRIBAL TRANSPORTATION SAFETY PLAN

EMPHASIS AREA #2			STRATEGIC LINKAGE			
TRAIL SAFETY			► 54% of survey participants marked "poor trail conditions / lack of maintenance" and "lack of road or trail markers" as a high priority. ► Two search and rescue missions needed in winter of 2018. ► Cultural and economic importance of trail transportation. ► Trespassing issues and creation of unauthorized trails on Wildlife Refuge.			
OBJECTIVES						
Improve trail safety and accessibility, reduce the creation of unauthorized trails, and reduce the number of search and rescue missions.						
SUCCESS INDICATORS						
Completed trail maps and trail upgrades. Fewer search and rescue missions.						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Develop maps showing trail routes and cultural. Install placards at cultural sites. Provide education about trail safety and winter survival such as hands-on field trips.	Improve navigability of trail system and cultural sites. Enhance public awareness of trail hazards and ensure travelers are well prepared for emergencies.	Tribe, School (education)	2021 (trail maps and placards), Annually (field trips)	Completed maps. Public outreach efforts. Schedule trail safety field trips / workshops.	Work with school to continue field trips every year or every other year.
ENFORCEMENT	Develop and implement a trespass enforcement system through the Togiak Conservation District.	Protect the environment and Refuge lands.	Tribe, Togiak Conservation District, Togiak National Wildlife Refuge	2025	Hire and train Trespass Officer.	Reporting and coordination with appropriate agencies.
ENGINEERING	Research, planning, and design to upgrade trails, considering environmentally friendly trail mats.	Smooth trails to improve safety and accessibility, and well as increase emergency response times.	City, Tribe	5-10 years	Planning, funding, design, and construction activities.	Develop a trail maintenance plan and train maintenance crews.
EMERGENCY SERVICES	Install trail markers, prioritizing the trail between Togiak and Manokotak.	Improve navigability of trail system, especially in the winter, for drivers and emergency response personnel.	City, Tribe	2022	Order and install trail markers, coordinating with trail maps.	Inspect and replace or fix trail markers every other year.

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TRADITIONAL VILLAGE OF TOGIAC TRIBAL TRANSPORTATION SAFETY PLAN

EMPHASIS AREA #3			STRATEGIC LINKAGE			
SPEEDING / DUST			► 2 of 3 official crash reports indicate excessive speeds by the causal unit. ► "Dusty roads" was vote the #1 safety priority by participants of the public survey, with 79% marking it as a high priority. 71% of survey participants also marked "speeding" as a high priority. ► Complaints made to the Council about speeding, and several accounts of speeding and reckless driving related accidents described on survey.			
OBJECTIVES						
Reduce incidences of speeding and speeding complaints, and reduce airborne dust on gravel roads.						
SUCCESS INDICATORS						
Visible reduction of dust and speeding.						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Include speeding safety topics in driver's education classes. Provide more education regarding dust impacts to human health and subsistence resources.	Enhance public awareness of hazards and health impacts associated with speeding and dust.	Tribe, School	On-going, annually	Develop driver's education curriculum. Hang posters around town about dust.	Work with teachers and police to host driver's ed every year.
ENFORCEMENT	Install speed limit signs. Work with local law enforcement and safety partners to evaluate enforcement options and review and update existing traffic ordinances.	Reduce incidences of speeding on community streets. Improve local enforcement of the speed limits to penalize violators.	Tribe, City, Local Law Enforcement	2022	Identify locations for signs, order, and install.	Regular meetings with law enforcement to monitor strategies.
ENGINEERING	Research options for dust suppression and implement best solution. Consider utilizing chip seal.	Reduce airborne dust on gravel roads.	Tribe, City	5-10 years	Combine dust suppressant application with road resurfacing projects.	Reapply chemicals as needed. Ensure new roads are treated with dust suppressant.
EMERGENCY SERVICES	Provide dust masks at clinic, and ensure extra are available. Consider alternate locations to have masks for Togiak Heights area.	Improve availability of dust masks for residents sensitive to dust.	Tribe, Clinic	On-going	Announce dust mask locations to public.	Inspect supplies and restock, as needed.

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TRADITIONAL VILLAGE OF TOGIAK TRIBAL TRANSPORTATION SAFETY PLAN

EMPHASIS AREA #4			STRATEGIC LINKAGE			
PEDESTRIANS			► Pedestrian travel is the 2nd most common mode of transportation in Togiak, survey results show. ► 1 out of 3 official crash reports involved a pedestrian, who was seriously injured, requiring a medevac. ► 71% of survey participants marked "lack of sidewalks or bike lanes" as a high priority.			
OBJECTIVES						
Improve visibility of pedestrians and provide more pedestrian safety amenities and educational resources.						
SUCCESS INDICATORS						
Increased number of residents using reflectors at night. More streetlights around community.						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Teach pedestrian and road safety through the Head Start program, including sledding safety at the school.	Improve pedestrian safety and awareness to reduce risk of accidents.	Tribe, Head Start Program, School	On-going, annually	Coordination with Driver's ed program and Head Start.	Evaluate other educational strategies to implement in the future.
ENFORCEMENT	Install "Slow, Kids at Play" and speed limit signs in priority areas.	Prioritize and enforce speed limits in high pedestrian traffic areas.	City, Tribe	2022	Identify priority locations for signs, order, and install.	Replace signs as needed. Ensure signs are included in future road projects.
ENGINEERING	Widen roads. Construct a walking path to Togiak Heights.	Provide additional space along roadways to increase separation between foot and vehicle traffic. Provide pedestrian amenities along the longest village road.	City, Tribe	5-10 years	Planning, funding, design, and construction activities.	Public involvement to select best alignments for pedestrian routes.
EMERGENCY SERVICES	Upgrade streetlights to energy efficient bulbs and install more streetlights as needed. Obtain reflective tape for community members.	Improve visibility of pedestrians when dark, and provide illumination for drivers and emergency vehicles.	City, Tribe	5-10 years, 2020 (reflective tape)	Contact Alaska DHSS or Center for Safe Alaskans to order reflective tape.	Replace burnt out streetlights as needed.

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EMPHASIS AREA #5			STRATEGIC LINKAGE			
ATV SAFETY			► 75% of survey respondents marked "lack of helmet use for ATVs and bicyclists" as a high priority, making it one of the communities top 3 priorities. ► Several accounts of kids stealing ATVs and driving recklessly at night.			
OBJECTIVES						
Enhance enforcement efforts of young drivers on ATVs, improve use of helmets, and increase access to ATV driver's education.						
SUCCESS INDICATORS						
Visible increase in helmet use for ATV drivers. Reduction in incidences of reckless driving and speeding.						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Provide more opportunities for driver's education and ATV safety. Provide helmets to attendees of safety classes.	Increase use of ATV helmets. Improve safety and operation of ATVs.	Tribe, School, Local Law Enforcement	On-going, annually	Develop driver's education curriculum for school.	Schedule and advertise future driver's ed courses.
ENFORCEMENT	Require people to take driver's education. Evaluate enforcement strategies for ATV helmets and driver's ed.	Improve enforcement of ATV driving laws.	Tribe, Local Law Enforcement	2021	Review and update Tribal ordinances as needed. Public outreach.	Coordinate with police. Discuss enforcement strategies at monthly Council meetings.
ENGINEERING	Install more stop, yield, and speed limit signs in engineered locations to help improve traffic control.	Improve traffic control at intersections.	City, Tribe	2022	Identify sign locations, order, and install.	Inspect and replace signs as needed.
EMERGENCY SERVICES	Provide helmets for those that attend driver education classes.	Improve community access to helmets.	Tribe	2021	Contact State DHSS to participate in helmet program and procure helmets.	Renew helmet sizes and order more as needed.

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EMPHASIS AREA #6			STRATEGIC LINKAGE			
BOATING			► 5 fatalities for 3 boating accidents since 2009 in Togiak Bay or Togiak River, caused by alcohol use or hazardous waters. ► 54% of survey participants marked "lack of life vest use" as a high priority. ► Cultural and economic importance of trail transportation.			
OBJECTIVES						
Reduce boating accidents, increase life jacket use, increase boating education / enforcement, and address community infrastructure needs.						
SUCCESS INDICATORS						
Increased use of life jackets. Completed boat launch improvements.						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Provide more hands-on education for young people regarding boating safety. Provide life jackets to attendees of safety classes.	Teach kids safe boating practices and encourage people to wear life jackets.	Tribe, School, Local Law Enforcement	On-going, annually	Coordination with school and police, develop curriculum, schedule safety courses.	Schedule future safety classes.
ENFORCEMENT	Work with US Coast Guard and US Fish & Game to improve patrols near Togiak in summer and fall. Build a fence around the boat storage / haul-out area.	Improve life jacket and boating safety enforcement for all vehicles near Togiak, not just commercial vessels. Reduce vandalism of parked boats.	Coast Guard, USF&G, Troopers, City	On-going (patrols), 2023 (fence)	Install fencing. Contact US Coast Guard and USF&G.	Evaluate other enforcement strategies at monthly Council meetings.
ENGINEERING	Install tie downs and billiards at the boat / barge landing area.	Improve safety during barge loading and off-loading.	City, Tribe	2023	Research to determine best type of tie downs for barges.	Maintenance of barge landing area.
EMERGENCY SERVICES	Install lights at the transit facility dock. Participate in Kids Don't Float to provide loaner life jackets to community.	Increase visibility at boating facilities to improve safety for nighttime boaters and EMT crews. Improve community access to life jackets.	City, Tribe	5-10 years (lights), 2021 (life jackets)	Installed lights. Order, advertise, and install life jackets at beach.	Inspect and replace lights, as needed. Renew stock of life jackets annually.

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EMPHASIS AREA #7			STRATEGIC LINKAGE			
EVACUATION / SCHOOL ACCESS ROUTE			► 71% of survey participants marked "lack of evacuation route / safety shelters" as a high priority. ► Flood and tsunami risks to low elevation areas, and only one existing route to higher ground for over 700 people.			
OBJECTIVES						
Construct Billy Blue Road to improve safety and accessibility to the school and higher ground.						
SUCCESS INDICATORS						
Design and construction of Billy Blue Road.						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Public involvement through design process of Billy Blue Road.	Inform the public of the project, collect comments, and ensure project meets community needs.	Tribe, Engineer	During planning process of Billy Blue Road.	Flyers, public meetings, etc.	Record comments from public meetings.
ENFORCEMENT	N/A	N/A	N/A	N/A	N/A	N/A
ENGINEERING	Planning, design, and construction of Billy Blue Road.	Provide a second evacuation route to high ground to cut evacuation time in half, and provide a safer route to school.	Tribe, Engineer	2020-2022	Develop budget and schedule to track progress of project.	Discuss project progress at monthly Council meetings.
EMERGENCY SERVICES	Include safety features such as signs, lights, and guardrails are installed along proposed road, as needed.	Ensure safety features are provided on new road to improve access for emergency vehicles and reduce safety risks.	Tribe, Engineer	During design of Billy Blue Road.	Coordinate safety features with project design.	Evaluate additional emergency services to implement through design.

IMPLEMENTATION PLAN

EMPHASIS AREA #8			STRATEGIC LINKAGE			
AIRPORT SAFETY			► Community complaints about standing water, loose dogs, birds, and unauthorized ATVs on runway. ► Need for longer runway to support larger planes for fish processors.			
OBJECTIVES						
Reduce unauthorized vehicles and animals on the runway, mitigate dust and drainage issues, and ensure 24-7 access for emergency medevacs.						
SUCCESS INDICATORS						
Fewer hazards on the runway.						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Community outreach to discourage driving on runway.	Improve community awareness about airport safety and safety around airplanes.	Tribe, City	On-going	Posters, announcements, community meetings.	Coordinate airport safety with driver's ed courses.
ENFORCEMENT	Coordinate with Alaska DOT&PF to install fencing and "Authorized Personnel Only" signs at airport. Work with local law enforcement reduce unauthorized access.	Restrict access to airport and reduce number of unauthorized ATVs driving on runway.	Tribe, City, State	2022	Sign installation. Improved presence of police and patrol at airport.	Meetings and approvals from DOT&PF and law enforcement.
ENGINEERING	Coordinate with DOT&PF to resurface and extend the runway. Develop a feasibility study for airport relocation.	Improve surface and drainage of airport. Provide longer runway for fish processor planes.	Tribe, City, State	5-10 years	Public involvement and community planning meetings to determine best course of action.	
EMERGENCY SERVICES	Improve response to replace burnt out runway lights. Evaluate use of snow fencing around airport.	Ensure working lights at runway for planes and medevacs at all times. Reduce snow accumulation on runway for improved access in winter.	Tribe, City, State	2022		

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EMPHASIS AREA #9			STRATEGIC LINKAGE			
ANIMAL CONTROL			► Alaska Native children suffer among the highest rate of serious dog bites in the nation, and are hospitalized for dog bites at double the rate of US children. ► Accounts of pedestrians being surrounded by packs of wild dogs, and of ATVs being chased by vicious dogs. ► Animal-Vehicle collisions was identified as an emphasis area in Alaska's 2013 Strategic Highway Safety Plan.			
OBJECTIVES						
Reduce the number of stray dogs within the community and reduce the risk of animal-related transportation accidents.						
SUCCESS INDICATORS						
Observable reduction in wild dogs in and around Togiak.						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Community outreach and education regarding safety around wild animals.	Increase public awareness about hazards of wild animals and what to do during encounters.	Tribe, City	On-going	Posters, announcements, community meetings.	Discuss educational strategies at Council meetings.
ENFORCEMENT	Provide a local dog catching service including a paid position, vehicle, and facility.	Decrease amount of feral dogs within the community.	Tribe, City	2021	Research funding options. Job postings. Acquire equipment.	Track numbers of loose dogs and determine effectiveness of dog catcher.
ENGINEERING	Evaluate engineering strategies to reduce transportation risks associated with animals such as signs, fencing, brush cutting, etc.	Provide infrastructure protections to protect travelers from wild animals.	Tribe, City	On-going	Determine appropriate engineering strategies.	Discuss engineering strategies at Council meetings.
EMERGENCY SERVICES	Continue to publicize vet service every spring for pet vaccinations.	Reduce spread of rabies and other diseases transmitted through pets.	Tribe, City, Clinic, Alaska Rural Veterinary Outreach (ARVO)	Annually	Community outreach.	Coordinate with ARVO to determine dates for the clinic visits.

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EMPHASIS AREA #10			STRATEGIC LINKAGE			
VEHICLE MAINTENANCE			► One incident involving a man performing maintenance on his vehicle without proper blocking, causing the vehicle to fall and crush him (described during Planning Team Meeting). ► One incident of a collision involving an ATV without headlights (described on public survey response). ► Reports of vandalism issues and damaged vehicles driving on roadways.			
OBJECTIVES						
Improve access to vehicle maintenance services, reduce number of damaged vehicles on roads, improve security of maintenance equipment.						
SUCCESS INDICATORS						
Observable reduction in damaged vehicles within community. Opening and operation of a new community repair shop.						
4Es	ACTIONS	TARGET OUTPUT	RESPONISBLE PARTIES	DATE OF COMPLETION	PERFORMANCE MEASURES	MONITORING & EVALUATION
EDUCATION	Hire and provide training for mechanics to work at the proposed maintenance shop.	Increase number of qualified mechanics in Togiak.	Tribe	In conjunction with construction of maintenance shop	Job postings. Scheduled training.	Refresh training, as needed
ENFORCEMENT	Work with local law enforcement to evaluate strategies to enforce street-legal, safe vehicles with functioning headlights, etc.	Encourage people to fix their vehicles or face legal repercussions. Reduce risk of collisions due to vehicle malfunctions or missing lights, mirrors, defrosters, etc.	Tribe, City, Local Law Enforcement	On-going	Review and update City/Tribal ordinances.	Continue coordination with law enforcement. Discuss options at Council meetings.
ENGINEERING	Construct a maintenance shop and storage building with controlled access for road maintenance equipment, buses, etc.	Provide a Tribally owned and operated maintenance shop to improve community access to repair services, & also protect Tribally owned equipment from vandalism.	Tribe	5-10 years	Planning, funding, engineering, and construction of building.	Develop a project budget and schedule to track progress.
EMERGENCY SERVICES	Implement safety controls, personal protective equipment, and training for maintenance shop.	Reduce the risk of shop accidents, and provide safety features for emergency response.	Tribe	In conjunction with construction of maintenance shop	Scheduled first aid and safety training.	Maintain safety equipment, replace as needed, refresh training.

APPENDIX D: RESOLUTION

The Traditional Council of Togiak

**Resolution No. 2019-23
A Resolution adopting the
Togiak 2020-2025 Tribal Transportation Safety Plan**

WHEREAS, the Traditional Village of Togiak hereafter "Tribe" is a federally recognized tribe; and
WHEREAS, the Traditional Council of Togiak is the governing body of the Tribe; and
WHEREAS, the Tribe recognizes the importance of improving transportation safety for its tribal members and all residents of Togiak; and
WHEREAS, the Tribe has gained significant community input on identifying transportation safety concerns and priorities for Togiak through a public survey administered in January of 2019 and a public meeting held on January 25, 2019; and
WHEREAS, the Tribe has identified and prioritized strategies to improve transportation safety throughout the community, and upon approval and adoption of the Togiak 2020-2025 Tribal Transportation Safety Plan, the Tribe also approves implementing the priorities identified in the plan.

NOW, THEREFORE, BE RESOLVED, that the Tribe hereby adopts the Togiak 2020-2025 Tribal Transportation Safety Plan.

CERTIFICATION

The Traditional Council of Togiak has adopted this resolution during a meeting held on Dec 18, 2019, in Togiak, Alaska, with a quorum present.

For 6 Against 0 Abstain 0 Present 6 Absent 1

Elizabeth Wassilie
Signature

Elizabeth Wassillie
Print Name

Tribal Council President
Title

12/18/2019
Date

Bertha Pavian-Lockur
Signature

Bertha Pavian-Lockur
Print Name

Tribal Council Secretary
Title

12/19/19
Date

APPENDIX E: ANNUAL REVIEW DOCUMENTATION
(To Be Added Annually)