

Central Council  
**Tlingit and Haida**



ROADS & TRANSPORTATION DEPARTMENT

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# CENTRAL COUNCIL ROADS & TRANSPORTATION

IRR ROADS INVENTORY  
PROCESS



# KAMAL LINDOFF

## TRANSPORTATION PLANNER

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- Tlingit Heritage:
  - Kaagwaantaan (Eagle/Wolf) Clan
  - Tlingit name is SaaKaa; Meaning?
  
- Originally from Hoonah, lived there for over 20 years
  
- Previous work history:
  - Worked for Douglas Indian Association under NAHASDA as the Housing Officer from May 2003 to October 2006
  - Worked for Point Sophia Development Company (PSDC) Hoonah Tourism project 2002
  - Daklashu Forestry Tree planting & Tree Thinning (Sealaska)
  - City of Hoonah Accountant Payroll and book keeping
  - Hoonah Water & Sewer Project (PHS) as a Project Liaison
  
- Hired in Oct 2006 as the Village Transportation Planner for:
  - Juneau
  - Douglas
  - Hoonah



# CCTHITA Roads & Transportation

## current member tribes

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- Douglas Indian Association (DIA) - Douglas, Alaska
- Organized Village of Saxman (OVS) – Ketichikan/Saxman, Alaska



# Tribes that CCTHITA Roads & Transportation assisted for the 2007 Submission

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- Organized Village of Saxman
  - Mapping
  - IRR Inventory
- Douglas Indian Association
  - Mapping
  - IRR Inventory
- Tlingit & Haida Central Council
  - Mapping
  - IRR Inventory
- Wrangell Cooperative Association
  - Mapping
  - IRR Inventory
- Yakutat Tlingit Tribe
  - Mapping
  - IRR Inventory
- Hoonah Indian Association
  - Mapping
  - IRR Inventory



# Submission Deadlines

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- The 2007 Submission to add routes was March 15<sup>th</sup> to the BIA
- The tribes have until June 15<sup>th</sup> to make any corrections to errors the BIA may find in the Inventory
- BIA reviews inventory and submits to BIA-DOT on July 15th



# IRR Inventory Key Items

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- ❑ Resolution to add routes
- ❑ MOU or MOA to add routes
- ❑ Updated LRTP & Route narrative
- ❑ Location Area Map
- ❑ Area Key Map
- ❑ Strip Maps
- ❑ RIFDS 5704 Forms
- ❑ ADT data

# BIA IRR Inventory Check List

REGION	RESERVATION	ROUTE	NAME
<b>REVIEW SHEET FOR RIFDS INVENTORY UPDATE REVIEW</b> (rev. 17 April 2008)			
<ol style="list-style-type: none"><li>1. Documents may be split between two or more files so be sure to open all the strip maps files, all the LRTP files, etc., before rejecting an attachment. For example, the LRTP may be split into 2 halves because it was too big to upload as one file, or adopting resolution may be in a separate file.</li><li>2. Be sure to pan to the bottom of a file since there may be additional pages.</li><li>3. It's OK if the required info can be found on another attachment (e.g., if the township/range is on the resolution but not on the strip map)</li></ol>			
<b><u>Narrative and Photo</u></b>			
<input type="checkbox"/> No longer required.			
<b><u>Tribal Resolution</u></b>			
<input type="checkbox"/> Must request the action that the BIA put the routes into the IRR Inventory			
<input type="checkbox"/> Must name the route by number or name.			
<input type="checkbox"/> Must be adopted/signed and dated (but can be of any age)			
<b><u>Long Range Transportation Plan</u></b>			
<input type="checkbox"/> Must include signature page or adopting resolution			
<input type="checkbox"/> Must mention route in update by name or number			
When LRTP is older than 5 years, an adopted/signed update to the LRTP include signed update mentioning route by name or number in addition to above			
<b><u>Strip Map (often two different maps)</u></b>			
<input type="checkbox"/> Must include township/range OR latitude/longitude (e.g. N45.234 W93.345)			
Must show boundaries:			
<input type="checkbox"/> tribal (reservation, trust, or fee)			
<input type="checkbox"/> county			
<input type="checkbox"/> congressional district			
<input type="checkbox"/> state			
<input type="checkbox"/> Must have sections breaks at county lines and reservation lines.			
<input type="checkbox"/> Must have scale (graphic scale preferred but do not reject for verbal scale, e.g. 1" = 100')			
<input type="checkbox"/> Must be legible			
<input type="checkbox"/> Must scale at mileage entered into RIFDS within 0.2 miles, suggest you print it out and measure yourself			
<input type="checkbox"/> Must label sections if more than one			
<input type="checkbox"/> Must be able to prove eligibility to be IRR road: normally on or within 5 miles of Indian land, unless access route in which case can go out <u>an additional</u> 15 miles.			
<b><u>AIDs (existing roads)</u></b>			
<input type="checkbox"/> Check that data entered into fields matches adjusted numbers on attachment.			
<input type="checkbox"/> Must show a raw data count to support AIDT (hourly counts or 1 count per 24 hours or similar).			
<input type="checkbox"/> Must show application of adjustment factor.			
<input type="checkbox"/> Must attach map showing counter location (usually on the strip map)			
<b><u>MOAs also called MOUs or APARs or Maintenance Agreements</u></b>			
<input type="checkbox"/> Must identify affected routes by name and number.			
<input type="checkbox"/> Must identify ownership			
<input type="checkbox"/> Must identify who is responsible for maintenance			
<input type="checkbox"/> Must be signed by tribe and route owner			

# IRR Inventory Route List

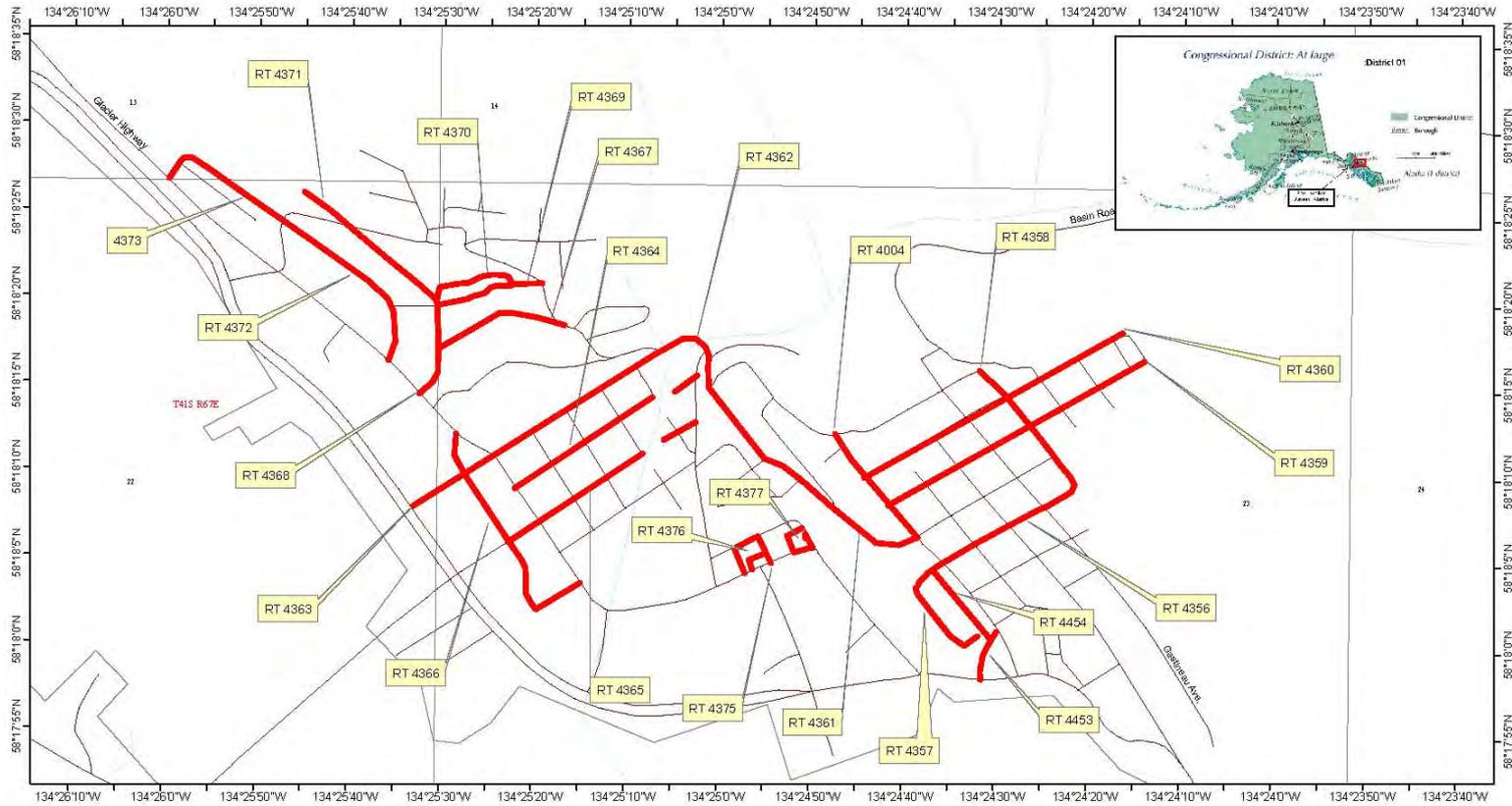
ATTACHMENT TO RESOLUTION EC/ 07-08  
EXECUTIVE COUNCIL OF THE CENTRAL COUNCIL OF TLINGIT AND HAIDA TRIBES OF ALASKA

## INDIAN RESERVATION ROADS

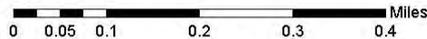
Route Number	Route Name	Route Location POB/POE				Route Length in Miles	Construction Need	complete
		Meridian	Township	Range	Sections			
3050	Point Lena Loop Rd.	Copper River	T40S	R85E	19/4	2.2	State	
3051	Pt. Stevens Rd.	Copper River	T40S	322	18/12	0.5	State	
3052	Almalga Harbor Rd.	Copper River	T40S	R85E	13/14	0.7	State	
3053	Skaters Cabin Road	Copper River	T40S	R85E/R86E	2	1.0	State	
3055	Fritz Cove Road: POB	Copper River	T40S/T41 S	R85E/R86E	1	2.6	State	
3080	Old Dairy Rd.	Copper River	T41S	R86E	1	0.5	State	
3500	Eaglecrest Rd.	Copper River	T41S	R86E/R87E	2/31	5.9	State	
4012	Village Street	Copper River	T41S	R87E	23	0.1	City and Borough	
4530	Lemon Creek Trail	Copper River	T41S	R86E/R87E	35/19	4.7	City and Borough	
4550	Jordan Ave.	Copper River	T41S	R86E	30/31	0.4	City and Borough	
4580	Airport Blvd.	Copper River	T41S	R86E	31	0.2	City and Borough	
4570	Crest St.	Copper River	T41S	R86E	30/31	0.5	City and Borough	
4580	Alpine Ave.	Copper River	T41S	R86E	31	0.2	City and Borough	
4590	Aisek St.	Copper River	T41S	R86E	34	0.1	City and Borough	
4600	Jenkins Dr.	Copper River	T41S	R86E	34	0.2	City and Borough	
4610	Ralph's Way	Copper River	T41S	R86E	34	0.3	City and Borough	
4630	Bent Ct.	Copper River	T41S	R86E	34	0.1	City and Borough	
4640	Allen Ct.	Copper River	T41S	R86E	34	0.2	City and Borough	
4650	Short St.	Copper River	T41S	R86E	5	0.1	City and Borough	
4670	Coogan Dr.	Copper River	T41S	R87E	5	0.2	City and Borough	
4700	Davis Ave.	Copper River	T41S	R86E	34	0.6	City and Borough	
4710	Belardi Dr.	Copper River	T41S	R86E	34	0.3	City and Borough	
4720	Gull Way	Copper River	T41S	R86E	34	0.3	City and Borough	
4730	Chatham Dr.	Copper River	T41S	R86E	34	0.2	City and Borough	
4740	Brittany Place	Copper River	T41S	R86E	34	0.3	City and Borough	
4750	Mallard Rd.	Copper River	T41S	R86E	33	0.6	City and Borough	
4760	Whitehead Dr.	Copper River	T41S	R86E	33	0.3	City and Borough	
4780	Scott St.	Copper River	T41S	R86E	33	0.3	City and Borough	
4790	Wildrose St.	Copper River	T41S	R86E	33	0.1	City and Borough	
4800	Fireweed St.	Copper River	T41S	R86E	33	0.1	City and Borough	
4810	Schneider Dr.	Copper River	T41S	R86E	33	0.3	City and Borough	
4820	Forget Me Not	Copper River	T41S	R86E	33	0.3	City and Borough	
4830	Violet	Copper River	T41S	R86E	33	0.1	City and Borough	

# IRR Inventory Mapping

## Juneau Area Key Map



CCTHITA (E09-801)  
Key Map  
Downtown Juneau Area

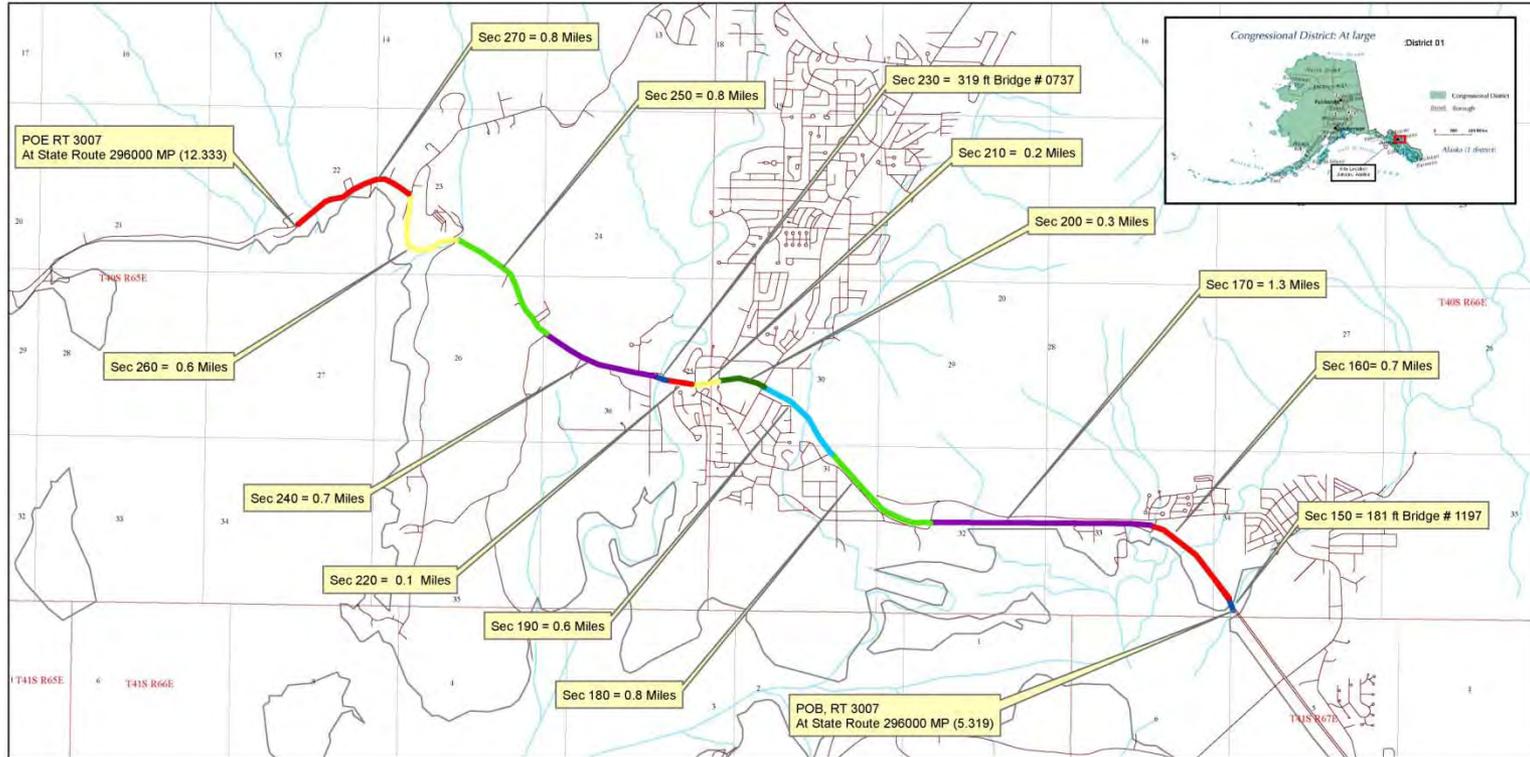


State of Alaska  
Congressional District 01  
Copper River Meridian

NOTE: Township, Ranges, Sections Lat & Long are shown on the map. RT number is shown on map.

# IRR Inventory Mapping

## Route Strip Map



CCTHITA (E09-801)  
Egan Drive (RT 3007) State Route 296000  
Sec 150 - 270

0 0.25 0.5 1 1.5 2 Miles



State of Alaska  
Congressional District 01  
Copper River Meridian

NOTE: Sections lengths, Township, Ranges & Sections are shown on the map. All Townships, Ranges & Sections are within Copper River Meridian, AK.

POB: At State Route 296000 MP (5.319)  
POE: At State Route 296000 MP (12.333)

# IRR Inventory Mapping

## Trail Route Strip Map

HOONAH INDIAN ASSOCIATION

E09-198

Route Name: Spasski Trail

Route Number: 0012

Section: 10

Length: 3 miles

Surface: Earth

All within:

The State of Alaska

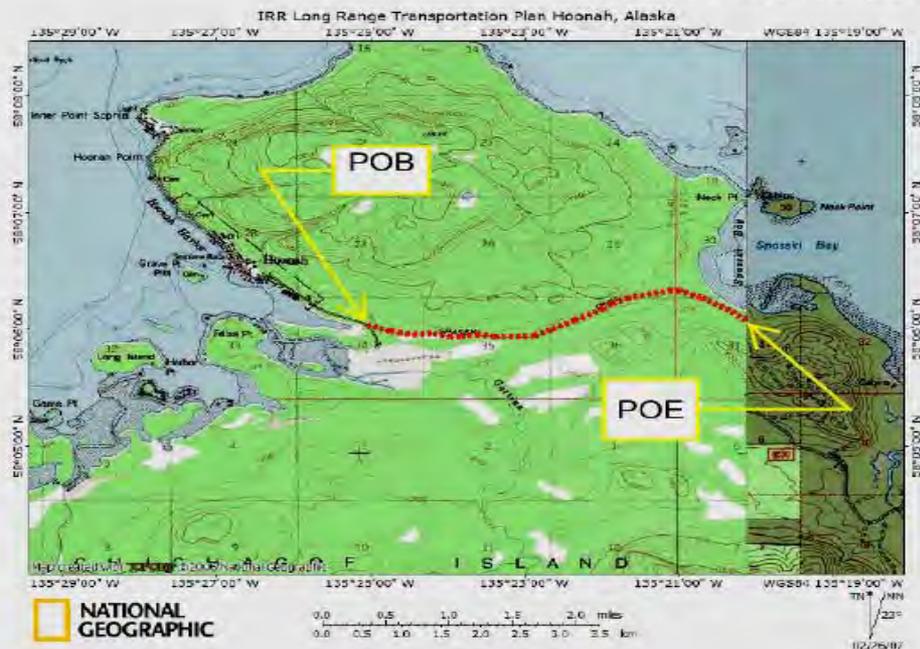
The City of Hoonah

Congressional District 1  
(Reference Location Map)

Copper River Meridian

POB: T43S and R61E, Section 34

POE: T43S and R62E, Section 31



# IRR Inventory Mapping

## Route Strip Map with Bridges

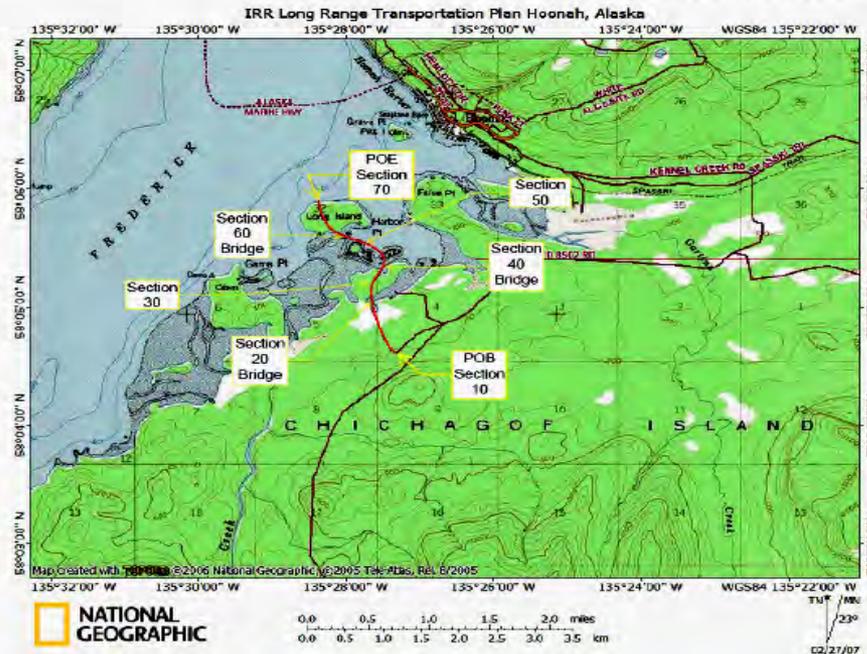
HOONAH INDIAN ASSOCIATION  
E09-198

Route Name: Long Island Road-NFD 8570  
Route Number: 0016

Section:	10	20	30	40	50	60	70
Length:	.5		.3		.6		.7
Surface:	Gravel	Bridge	Gravel	Bridge	Gravel	Bridge	Gravel

All within:  
The State of Alaska  
The City of Hoonah  
Congressional District 1  
(Reference Location Map)  
Copper River Meridian

POB: T44S and R61E, Section 4  
POE: T44S and R61E, Section 32



# RIFDS 5704 Form

## INDIAN RESERVATION ROADS PROGRAM ROAD INVENTORY FIELD DATA SYSTEM INPUT FORM

DEVELOPED  
11-09-05

SUBMISSION YEAR: 2007				Required Fields Based On Class			
REGION: ALASKA				Required			
AGENCY: SOUTH EAST				Optional			
RESERVATION: DOUGLAS				Conditional Required, see Special Instructions			
RESERVATION CODE: E09128							
ROUTE NUMBER: 7040							
SECTION NUMBER: 10							
ROUTE/BRIDGE NAME: David Street							
FIELD	FIELD DESCRIPTION	INPUT COLUMN	SPECIAL INSTRUCTIONS	FIELD	FIELD DESCRIPTION	INPUT COLUMN	SPECIAL INSTRUCTIONS
<b>CORE</b>							
13	State	02-ALASKA		<b>REVIEWED RIGHT-OF-WAY DATA</b>			
14	Ownership	4		22	ROW Status Code	3	
21	Federal Aid Category	1		23	ROW Width	50'	
6	Class Code	3		NARRATIVE: Provide Attachment in Word *.doc			
16	Terrain			<b>COUNTY REFERENCE</b>			
15	Construction Need	3		11	County		
<b>ROAD</b>							
20	Surface Type	4		12	Congressional District	01	
27	Shoulder Type	4	C3	31	Owner Number		C7
7	Length of Section (Miles)	0.3		41	Drainage Condition		
19	Surface Width (Feet)	25'		42	Shoulder Condition		
26	Shoulder Width(zero if no shoulder)	3'		43	# RR Xing		
<b>Bridge</b>							
8	Bridge Number			44	RR Xing Type		C8
9	Bridge Condition			45	ROW Utility Code	3	
10	Bridge Length			46	ROW Cost		
<b>Traffic</b>							
29	ADT Year		C5	49a	POB Latitude		
28	ADT		C4	49b	POB Longitude		
30	% Trucks		C6	49c	POE Latitude		
	Default ADT			49d	POE Longitude		
<b>CONDITION</b>							
18	Wearing Surface Condition/SCI	3.0		50	Atlas Map Number (XX)		
17	Foundation/Roadbed Condition	5		51	Grade Deficiencies		
<b>MAINTENANCE</b>							
47	Level of Maintenance			52	Sight Deficiencies		
48	Snow Ice Control			53	Curve Deficiencies		
<b>ADDITIONAL INCIDENTAL PERCENT</b>							
	FENSING		1%	54	Stopping Restrictions		
	LANDSCAPING		9%	55	Safety Study		
	STRUCTURAL CONCRETE		9%	56	Road Purpose Code		
	TRAFFIC SIGNALS		3%	57	Date of Construction Change		
	UTILITIES		3%	59	Field Remarks	Provide Attachment in word *.doc	
25	% Incidental Cost	0	C2	Road is in very good condition. This road has railing on left side of the road.			
	Inventory Taker's Name			Kamal Lindoff			



# Recording Key Problem Area's

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- Condition of road:
  - Cracks
  - Pot holes
  - Bumps
- Drainage problems
  - Flooding
  - Clogged Drains
- Health & Safety hazards
  - Objects in ROW
  - Electrical hazards
  - No railing

# IRR Inventory Route Pictures

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# IRR Inventory Route Pictures

## Center Shot



# IRR Inventory Route Pictures

## Pavement Cracks



# IRR Inventory Route Pictures

## Drainage Issue



# IRR Inventory Route Pictures

## Serious Flooding Issue

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# IRR Inventory Pictures

## Flooding Issue

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# Complete IRR Inventory

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- Having a complete and accurate IRR Inventory will help produce a better Long Range Transportation Plan and generate more funding for the Tribe.

# Questions?

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