Please input data in the colored cells:

District:	Tribal
Contact Person:	Brooks Davis(SBTribes) & Mark Massey(Captain of police)
Email Address:	bdavis@sbtribes.com & mmassey@sbtribes
Phone:	(208) 478-3736 & (208) 236-1127
Route:	Ross Fork Rd & Eagle Rd
Project Name	Development surrounding Ross Fork Rd & Eagle Rd
Key Number:	-
Segment Code:	-
Intersection/Cross Street:	Ross Fork Rd/Eagle Rd & Ross Fork/Mission Rd.
Beg MP:	-
End MP:	-
Total Project Cost (include non safety costs):	$ 13,148,000

PROJECT CRASH DATA AND COSTS

	Total Crash Count Previous 5 Years	*Idaho Crash Costs (2014)*	*Economic Cost*
*Fatal	1	$9,498,816.00	$9,498,816
*Serious Injury Crashes (A injury)		$454,281.00	$0
*Non-Incapacitating Injury Crashes (B injury)	18	$123,732.00	$2,227,176
*Possible Injury Crashes (C injury)		$63,181.00	$0
*Property Damage Only Crashes	126	$3,201.00	$403,326
TOTAL:	**145**	-	**$ 12,129,318**

Countermeasure #1 :

Countermeasure: Install Left Turn | **CMF ID:** 6602 | **Service Life, years:** 20

Crash Reduction Factor (%): 26% | **Star Rating (1-5):** 4 | **Type of Crashes:** All | **Crash Serevity:** Fatal, Serious, Minor Injury | **Area Type:** All

Countermeasure Analysis

	Crash Count for Previous 5 Years	*% Crashes Addressed*	*Annulized Crashes*	*Est. Crashes Prevented Over Service Life*	*Cost Savings over Service Life*	*Annualized Crash Prevented*
Fatal		0.00%	0.00	0.00	$0	-
Serious Injury Crashes (A injury)		0.00%	0.00	0.00	$0	-
Non-Incapacitating Injury Crashes (B injury)	18	100.00%	3.60	18.43	$2,280,628	0.92
Possible Injury Crashes (C injury)		0.00%	0.00	0.00	$0	-
Property Damage Only Crashes		0.00%	0.00	0.00	$0	-
TOTALS:	**18**	**12%**	**3.60**	**18.43**	**$ 2,280,628**	**0.92**

Notes:

Countermeasure #2 :

Countermeasure: Add new paved shoulder where there is currently no paved shoulder | **CMF ID:** 404 | **Service Life, years:** 20

Crash Reduction Factor (%): 64% | **Star Rating (1-5):** 3 | **Type of Crashes:** Fixed object, Head on, Run Off road | **Crash Serevity:** Injury, Property Damage Only | **Area Type:** Urban

Countermeasure Analysis

	Crash Count for Previous 5 Years	*% Crashes Addressed*	*Annulized Crashes*	*Est. Crashes Prevented Over Service Life*	*Cost Savings over Service Life*	*Annualized Crash Prevented*
Fatal		0.00%	0.00	0.00	$0	-
Serious Injury Crashes (A injury)		0.00%	0.00	0.00	$0	-
Non-Incapacitating Injury Crashes (B injury)	18	100.00%	3.60	46.08	$5,701,571	2.30
Possible Injury Crashes (C injury)		0.00%	0.00	0.00	$0	-
Property Damage Only Crashes	126	100.00%	25.20	322.56	$1,032,515	16.13
TOTALS:	**144**	**99%**	**28.80**	**368.64**	**$ 6,734,085**	**18.43**

Notes:

Countermeasure #3 :

Countermeasure: Illumination (Highway Lighting) | **CMF ID:** 574 | **Service Life, years:** 20

Crash Reduction Factor (%): 32% | **Star Rating (1-5):** 3 | **Type of Crashes:** All | **Crash Serevity:** All | **Area Type:** All

Countermeasure Analysis

	Crash Count for Previous 5 Years	*% Crashes Addressed*	*Annulized Crashes*	*Est. Crashes Prevented Over Service Life*	*Cost Savings over Service Life*	*Annualized Crash Prevented*
Fatal	1	100.00%	0.20	1.28	$12,158,484	0.06
Serious Injury Crashes (A injury)		0.00%	0.00	0.00	$0	-
Non-Incapacitating Injury Crashes (B injury)	18	100.00%	3.60	23.04	$2,850,785	1.15
Possible Injury Crashes (C injury)		0.00%	0.00	0.00	$0	-
Property Damage Only Crashes	126	100.00%	25.20	161.28	$516,257	8.06
TOTALS:	**145**	**100%**	**29.00**	**185.60**	**$ 15,525,527**	**9.28**

Notes:

Countermeasures Summary:

Countermeasure Analysis

	Total Crashes for Mitigation Measures Previous 5-Years	*Annulized Total Crashes*	*Annualized Service Life Est. Crashes Prevented*		*Annualized Economic Cost Savings*	*% Crashes Mitigated*
*Fatal	1	0.20	0.06	$	607,924	32.0%
*Serious Injury Crashes (A injury)	0	0.00	0.00	$	-	32.0%
*Non-Incapacitating Injury Crashes (B injury)	18	3.60	4.38	$	541,649	32.0%
*Possible Injury Crashes (C injury)	0	0.00	0.00	$	-	32.0%
*Property Damage Only Crashes	126	25.20	24.19	$	77,439	32.0%
TOTALS:	**145**	**29.00**	**28.63**	**$**	**1,227,012**	**19.7%**

BENEFIT COST RATIO

Benefit cost ratio is computed by multiplying the Annualized Economic Cost Savings by the assumed service life of the project, 20-years, and then dividing by the total construction cost.

1.87