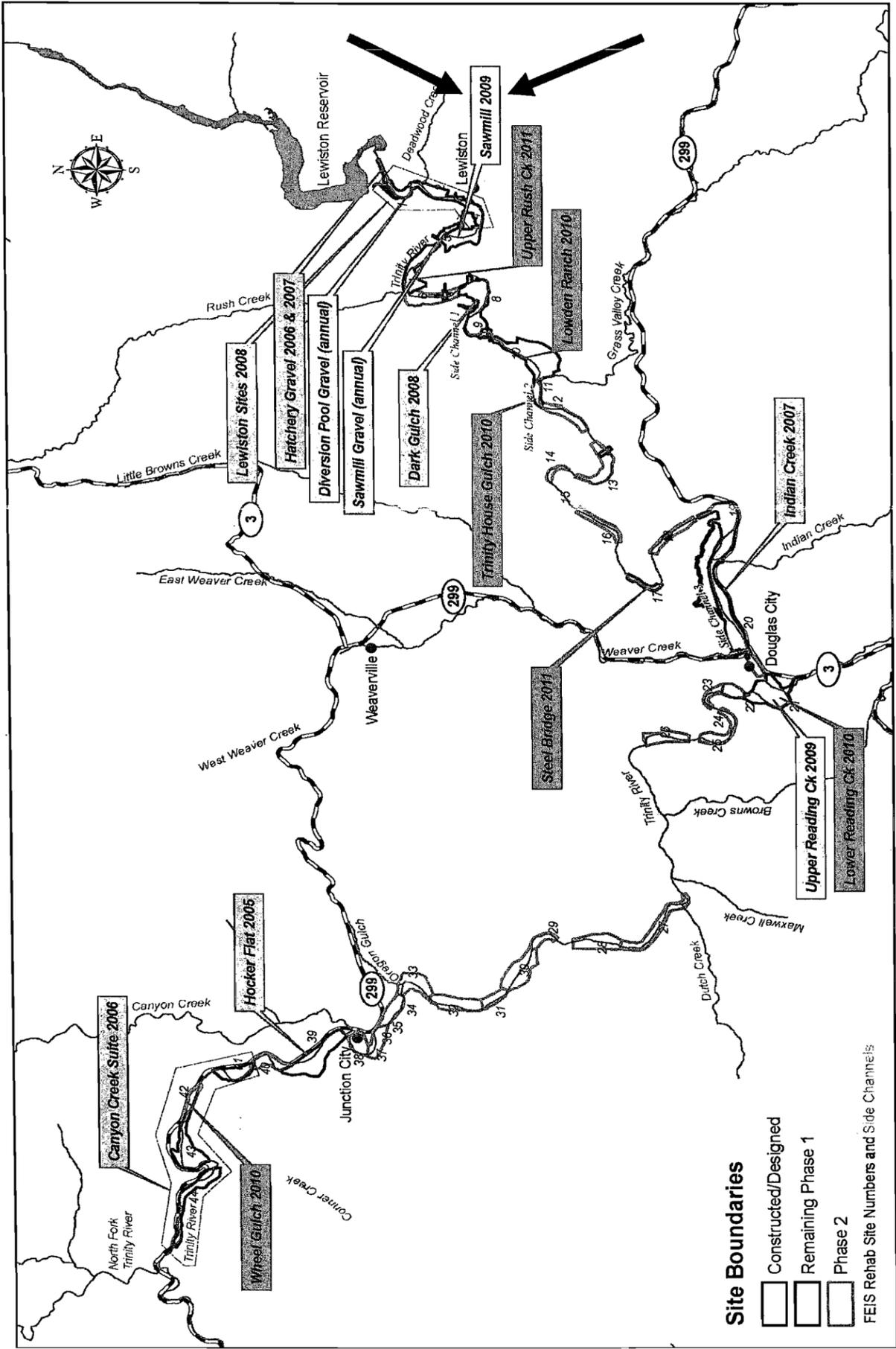


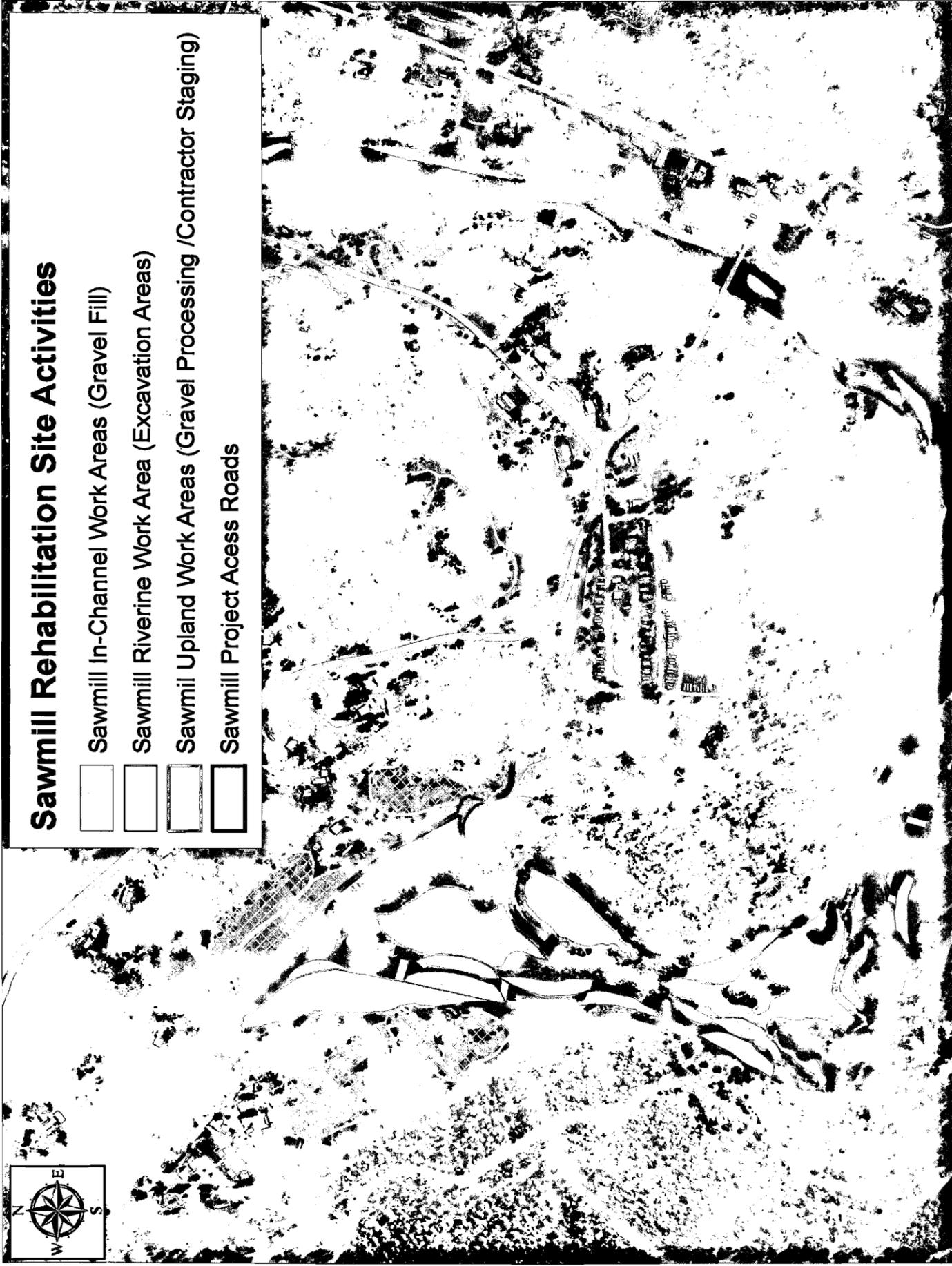
Rehabilitation Implementation Update

Sawmill Rehabilitation Site Update



TAMWG Meeting
September 10, 2009





Sawmill Overview

- Design includes 14 features:
 - 6 coarse sediment additions
 - 2 floodplain re-contouring areas
 - 2 forced meanders in mainstem
 - 1 forced meander in existing side channel
 - 1 side channel re-contouring (reconnecting an old side channel)
 - 2 high flow scour channels (chutes)

Mechanical Channel Rehabilitation Summary

Calendar Year	Rehabilitation Site	# Sites	Dirtwork (CY)	Gravel (Tons)	LWD (Trees)	Edge Treated (Miles)	Acres Treated	Construction Cost
2005	Hocker Flat	1	83,000	0	0	1.0	26	\$850,564
2006	Canyon Creek	4	91,000	0	100	2.0	40	\$1,160,383
2007	Indian Creek	3	77,800	0	200	2.5	31	\$1,647,560
2008	Lewiston-Dark Gulch	8	56,900	10,700	200	2.5	42	\$2,000,000
2009	Sawmill	1	87,750	5,700	260	2.0	25	\$2,056,780
2010	Lowden Ranch	1						
	Trinity House Gulch	2						
	Reading's Creek	2						
	Wheel Gulch	1						
2011	Phase 2 - TBD	4 - 6						
2012	Phase 2 - TBD	4 - 6						
2013	Phase 2 - TBD	4 - 6						
2014	Phase 2 - TBD	4 - 6						

Phased Implementation

- During discussions at two IDT meetings it was decided to phase the implementation of selected coarse sediment features
- Program has placed 8,000 CY of gravel at the Sawmill site in last 2 years (normal and dry)
- For one normal and one dry year Trinity River Flow Evaluation Final Report prescribes 1,950 – 2,450 CY

Phased Implementation – Cont.

- Coarse sediment features will be constructed once analysis is performed to assess potential impacts to structures located immediately down river from the Sawmill site

Sawmill Schedule

- August 13, 2009 - Contract award
- August 17, 2009 - Pre-construction conference
- August 24, 2009 - 401 Water Quality Certification
- September 15 - All in-channel work must be complete (19 working days incl. Sat.)
- December 15 – All work complete

Turbidity Issues

- Received complaints of muddy water from fishing guides and landowners on two days (9/29 and 10/4)
 - Not catching fish (3-4)
 - Aesthetics for holiday weekend events (1)
 - Wells clogging (2)
- Contractor was technically in compliance with permit requirements
 - 20 NTU at 500 feet below work activities

Turbidity Issues

- Turbidity curtain under performed
- Delayed start doesn't allow time for contingency planning
- Boat dance flows caused further delays
- Hit a clay/silt layer 5 feet below water level (silt stays in suspension)
- Site is located above an low slope reach and Rush Creek delta backwater (silt accumulated)