

## Project Pre-Application

(Please use the Up, Down, Left & Right Arrows to move from Field to Field)

**Project Title:** *McCaw Reach Fish Restoration Project , Phase A*

**Submitting Organization:** *Walla Walla County Conservation District*

### Project Contact Information

(Complete for each contact)

For additional Contact Info Sheets go to:

<http://www.snakeriverboard.org/leadentity/applicationdocs.html>

Mrs.  Ms. First Name: Jeff

Last Name: Klundt

Address: 325 N.13<sup>TH</sup> Ave.

City/Town: Walla Walla State: WA Zip: 99362

Telephone # (509) 522-6340

Cell # (509) 240-7012

E-mail address: jklundt@my180.net

**Project Locations:** Provide a brief description of the project location including watershed, stream reach and position in watershed. WIRA 32, Touchet River mile 42.3, 1.7 miles down stream of Waitsburg, Walla Walla Co., WA.. 365 meters up stream of the SR 124 bridge (Bolles Bridge). Lat long of 46.32726 N., 118.21801 W

**Maps:** Provide both a map illustrating project vicinity and a site map. Map descriptions can be placed in this section but maps should be attached as a separate page. (Contact SRSRB staff to construct maps and set up project in the HWS prior to pre-application deadline). See attached Maps.

### Short Description of Project

Describe project, what will be done, and what the anticipated benefits  
Will be in 1500 characters or less.

**NOTE:** Many audiences, including the SRFB, SRFB's Technical Review Panel, media, legislators, and the public who may inquire about your project use this description. Provide as clear, succinct, and descriptive an overview of your project as possible – many will read these 1-2 paragraphs!

- The description should state what is proposed.
- Identify the specific problems that will be addressed by this project, and why it is important to do at this time.
- Describe how, and to what extent, the project will protect, restore, or address salmon habitat.
- Describe the general location, geographic scope, and targeted species/stock.
- This short description should be the summary of the detailed proposal set out under the Evaluation Proposal, with particular emphasis on questions 1-4.

***The PRISM database limits project descriptions to 1500 characters (including spaces); any excess text will be deleted. Additional detail should be provided in the project proposal!***

Phase A is the eastern end of the McCaw reach on the Touchet River.

Given the relatively unconfined and broad floodplain within the McCaw Project area. The conservation district will develop a design that will provide more roughness elements to promote sediment storage and create a dynamic channel environment with complex, high quality fish habitat.

Log bar buddies and complexes, and sweeper logs will be used to deflect flows and encourage side channels. Additional structures will be located in the channel and across the floodplain to create pools, capture sediment, and promote channel migration throughout the reach.

The placement of bar buddies will direct flows to side channels on both the north and south sides of the river.

This project will create fish habitat by increasing complexity. Objectives will be achieved:

1. By adding roughness to the river
2. By reducing fine sediments
3. By increasing the rearing capacity of the reach
4. By connecting more of the floodplain
5. By providing cover for fish
6. By providing resting areas for fish

This project is 1/4 mile downstream of the recently completed Touchet River Mile 42.5 (Perry Doziers) project. At 46.2711N, 118.2042W, this is locat about 1 mile upstream of Highway 124 Bridge (Bolles).

Columbia River DPS Bull Trout and Mid Columbia River ESU Steelhead are the ESA listed species also

present are Mid Columbia River Chinook. This reach of the Touchet River supports juvenile and adult populations of these species.

<b>Preliminary Design Description:</b> <i>Describe the preliminary project design that will be used to address the need described above. This section may be used to provide a more detailed description than provided above. Not required for pre-application (Max one page)</i> <i>Phase A. the project will include:</i> 1.					
<b>Estimated Budget:</b> <i>List SRFB request match and total project costs</i>					
Budget Items	Cost/Unit	Unit	Matching Funds	SRFB Request	Project Cost
material	\$0.00	varies	\$21,875.00	\$39,972.83	\$72,858.83
labor	\$25.00	est		\$2,707.50	\$2,707.50
EQUIP	\$125.00	est.		\$27,075.00	\$27,075.00
WWCCD (30%)		Admin		\$30,792.40	\$30,792.40
<b>Total Matching</b>			<b>\$21,875.00</b>		
				<b>\$111,558.72</b>	
<b>Total SRFB Request</b>					
<b>Total Project Cost</b>					<b>\$133,433.72</b>
<b>Evidence that this project is part of the Snake River Salmon Recovery Plan:</b> <i>List the HWS project number and title of project as stated in the 3 Year Plan. If project is not directly stated in the 3 Year Plan list the general project category your project pertains to and describe the correlation.</i>					
This specific project meets the following HWS numbers: 32-00276,32-00275, 32-00421					

**This is the end of the PRE-APPLICATION**

**When submitting your draft application, make sure to make updates to the pre-application information where pertinent as well as completing the following draft application. The pre-application will become part of the draft application to reduce redundant forms.**

<b>SRFB Draft Application Information</b>	
<input checked="" type="checkbox"/> <b>Draft</b>	Date Submitted to SRSRB
<b>Project Type:</b> (check one)	
<input type="checkbox"/> Acquisition	<input type="checkbox"/> Acquisition/Restoration
<input type="checkbox"/> Passage, Diversion, Barrier Inventory/Design	<input type="checkbox"/> Upland
<input type="checkbox"/> Non-Capital	<input checked="" type="checkbox"/> In-Stream
	<input type="checkbox"/> Riparian
<b>Applicant / Organization Information</b>	
<b>Organization Name:</b> Walla Walla County Conservation District	
<b>Organization Type</b> (check one)	
<input type="checkbox"/> City/Town	<input type="checkbox"/> County
<input type="checkbox"/> Native American Tribe	<input type="checkbox"/> Non-profit Organization
<input type="checkbox"/> Special Purpose District	<input type="checkbox"/> State Agency
	<input checked="" type="checkbox"/> Conservation District
	<input type="checkbox"/> RFEG
<b>Updated Vicinity / Site Maps &amp; Photos</b>	
Please submit photos as JPEG or other non PDF picture format. Maps and designs maybe submitted in photo or PDF format.	
Vicinity Map Attached:	<input checked="" type="checkbox"/>
Site Map Attached:	<input checked="" type="checkbox"/>
Aerial or Site Specific Photos Attached:	<input checked="" type="checkbox"/>
Preliminary Designs or Field Sketches:	<input checked="" type="checkbox"/>
<b>Update Short Description in Pre-Application Above</b>	
Describe project, what will be done, and what the anticipated benefits Will be in 1500 characters or less.	

<b>Summary of Funding Request and Match Contribution</b>	
Remember to update this section whenever changes are made to your cost estimates.	
<b>TOTAL PROJECT COST (A + B) (Sponsor Match &amp; SRFB Contribution)</b>	<b>\$133,433.72</b>
<b>A. Sponsor Match Contribution (15% minimum is required for match)</b>	
Appropriation/Cash	
Bonds – Council	
Bonds – Voter	
Cash Donations	
Conservation Futures	
<b>Donations</b>	
Donated Equipment	
Donated Labor	
Donated Land	
Donated Materials	\$21,875.00
Donated Property Interest	
Force Account	
Force Acct – Equipment	
Force Acct – Labor	
Force Acct – Material	
<b>Grants</b>	
Grant – Federal	
Grant – Local	
Grant – Private	
Grant – State	
Grant – IAC	
Grant – Other	
<b>Total Sponsor Match Contribution</b> (15% Minimum Match Required of a total Project Cost)	<b>\$21,875.00</b>
<b>B. SRFB Contribution (grant request)</b> \$5,000 Minimum Request	<b>\$111,558.72</b>
Note: *Be sure to identify the name and type of any matching grant in the Application Questionnaire Section. *The Total Project Cost must equal the totals from the following Cost Estimate Sections.	

<b>Project Proposal Guides</b>	
To complete this section download the Project Proposal template that fits your proposed project and attach as a separate document. Check appropriate box below. NOTE: This project proposal will be used primarily to evaluate your project. Please include appropriate metrics within the body of the text. The below documents can be found at <a href="http://www.snakeriverboard.org/leadentity/applicationdocs.html">http://www.snakeriverboard.org/leadentity/applicationdocs.html</a>	
	<b>Attached</b>
1) Restoration, Acquisition and Combination (Restoration & Acquisition) Project	<input checked="" type="checkbox"/>
2) Planning Projects (Assessment, design, and Study) and Combination (Planning & acquisition) Projects	<input type="checkbox"/>
3) Barrier Inventory Projects	<input type="checkbox"/>

<b>Landowner Information</b>	
<b>Landowner Acknowledgment Forms</b> (Remember to complete the Landowner Acknowledgement form for each Landowner.)	
To complete this section download the landowner acknowledgment form and have the landowner complete the form and submit a copy with the final application. Final applications without signed agreement forms may not be considered by the SRSRB for final scoring and ranking. These forms can be found on the SRSRB web site at: <a href="http://www.snakeriverboard.org/leadentity/applicationdocs.html">http://www.snakeriverboard.org/leadentity/applicationdocs.html</a>	
Current Landowner(s) of the site (name and address). Remember to complete the Landowner Acknowledgement Form. Name: Jack McCaw Address: 3163 Bolles Rd. City/Town: Waitsburg State: WA <div style="text-align: right;">Zip: 99361</div>	
Driving Directions (provide directions that will enable staff to locate the project): Heading West from Waitsburg on Highway 124 for 3.6 miles. Stop at bridge walk on south side of the river upstream for approximately 1 mile.	

**This is the END of the DRAFT APPLICATION.**  
**&**  
**The START of the FINAL APPLICATION**

<b>SRFB Final Application Information</b>	
<input checked="" type="checkbox"/> <b>Final</b>	Date Submitted to SRSRB
<b>Barrier Removal and Barrier Assessment / Design Projects</b>	
Barrier Information Form: <a href="http://www.snakeriverboard.org/leadentity/applicationdocs.html">http://www.snakeriverboard.org/leadentity/applicationdocs.html</a>	
<b>Project Proposal Cost Estimate Template</b>	
To complete this section complete the budget template that pertains to your project type Found on the SRSRB website at: <a href="http://www.snakeriverboard.org/leadentity/applicationdocs.html">http://www.snakeriverboard.org/leadentity/applicationdocs.html</a> and <i>check the appropriate attachments box below.</i> OR you may submit a detailed budget in your own format.	
	<b>Attached</b>
1) Personal Format Budget	<input checked="" type="checkbox"/>
2) Assessments	<input type="checkbox"/>
3) Property Acquisition	<input type="checkbox"/>
4) In-stream Restoration	<input type="checkbox"/>
5) Diversion and Screen	<input type="checkbox"/>
6) Barrier Inventory or Fish Passage Design	<input type="checkbox"/>
7) Riparian	<input type="checkbox"/>

### Supporting Technical Documentation

List studies, reports, or other technical documentation that details current biological and habitat conditions and supports your biological and/or habitat objectives and the approach or methods to be applied.

Document Title	Author(s)	Date
Snake River Salmon Recovery Plan	SRSRB	Dec. 2006, Rev. 2011
Walla Walla Basin Limiting Factors Analysis	Mike Kuttel WSCC	2002
Assessment of the Touchet River; RM 40 thru 45	USFS TEAMS	2009

**For Barrier Projects Only:**  
 Has a Priority Index (PI) evaluation been completed?  
 No    Yes (If so, please attach documentation)

### Application Questionnaire

All applicants must answer the following questions

#### Cost Efficiencies

For any grants listed in the Summary of Funding Request and Match Contribution Section, are there any restrictions on the use of these grant funds?  No    Yes  
 When and how long will the grant funds be available to this project?

Describe the type of donated labor (skilled and unskilled), donated equipment, and donated materials that will be used for this project, identified in the Summary of Funding Request and Match Contribution Section. The land owner has trees and slash material that are available for use in the project.

<b>Land Ownership</b>
What type of landowner currently owns the property? <input type="checkbox"/> Federal <input type="checkbox"/> Local <input checked="" type="checkbox"/> Private <input type="checkbox"/> State <input type="checkbox"/> Tribal
What is the current land use of the site, and its history? Describe past human uses and salmon habitat functions. Are there any structures on site? The land is currently under FSA contract for CREP. The land is also held as a conservation easement.
<b>Non-profit organizations must answer the following questions</b>
Is your organization registered as a non-profit with the Washington Secretary of State? If so, what is your Unified Business Identifier (UBI) number? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, UBI #:
What date was your organization created? 1/1/41
How long has your organization been involved in salmon and habitat conservation? 70 years

<b>Species/Habitat Factors Information Sources</b>		
For <u>Species Information</u> provide the source and indicate if the species listed are directly on-site at some point in their life stage (i.e. SaSI, WDFW Stream Catalog, Stream Survey/Field Observation, Limiting Factors Distribution Maps).		
For <u>Habitat Factors Information</u> list the study/report and date identifying the habitat factors for your project (i.e. SaSI, limiting factors analysis, watershed analysis, other assessments, or studies).		
Study Name	Author	Date

### Permits

Check the appropriate boxes to indicate required and/or anticipated permits.  
 General permit information can be obtained at the Dept. of Ecology Permit Assistance Center 1-800-917-0043 or on their Internet site <http://www.ecy.wa.gov/programs/sea/pac/index.html>.

Permits	Comments Regarding Permit Status
<input type="checkbox"/> Aquatic Lands Use Authorization (Dept of Natural Resources)	
<input type="checkbox"/> Building Permit (City/County)	
<input type="checkbox"/> Clear & Grade Permit (City/County)	
<input checked="" type="checkbox"/> Cultural Assessment [Section 106] (CTED-OAHP)	Completed 1-24-11 by CTUIR
<input type="checkbox"/> Dredge/Fill Permit [Section 10/404 or 404] (US Army Corps of Engineers)	
<input type="checkbox"/> Endangered Species Act Compliance [ESA] (US Fish & Wildlife/NMFS)	
<input type="checkbox"/> Forest Practices Application [Forest & Fish] (Dept of Natural Resources)	
<input type="checkbox"/> Health Permit (Dept of Health/County)	
<input checked="" type="checkbox"/> Hydraulics Project Approval [HPA] (Dept of Fish & Wildlife)	will pursue when plans are completed and funding is assured
<input type="checkbox"/> NEPA (Federal Agencies)	
<input type="checkbox"/> SEPA (Local or State Agencies)	
<input type="checkbox"/> Shoreline Permit (City/County)	
<input type="checkbox"/> Water Quality Certification [Section 401] (County/Dept of Ecology)	
<input type="checkbox"/> Water Rights/Well Drilling Permit (Dept of Ecology)	
<input type="checkbox"/> Other Required Permits (identify)	
<input type="checkbox"/> None – No permits Required	

**SRFB Project History Information**

Has any part of this project been previously reviewed or funded by the SRFB?

YES  NO

If yes, please provide the project name and number (or year of application if a project number is not available). If the project was withdrawn or not awarded SRFB funding, please describe how the current proposal differs from the original.

This project was submitted in Round 11, but did not receive funding. The proposal was withdrawn due to a lack of consensus on what components should be included in the project.

USFS TEAMS conducted an Assessment of the Touchet River that included the McCaw Reach in 2009, this work was funded by SRFB and RCO (Contract SRFB-07-1549N).

# McCaw Reach Fish Restoration Project, Phase A

## Construction Budget

Item	Unit	Quantity	Unit Cost	Total Cost	Discription Needed	Description
Channel (South Side)	Total	1	\$14,400.00	\$14,400.00	Describe	This cost includes rock, trees, slash, equipment and operator
Channel (North Side)	Total	1	\$35,300.00	\$35,300.00	Describe	This cost includes rock, trees, slash, equipment and operator
Bar Buddies	Each	3	\$9,100.00	\$27,300.00	Describe	This cost includes rock, trees, slash, equipment and operator
Barbs	Each	3	\$7,600.00	\$22,800.00	Describe	This cost includes rock, trees, slash, equipment and operator
Geotextile	role	4	\$350.00	\$1,400.00	Describe	
Trees & Scrubs	each	1200	\$1.50	\$1,800.00	Describe	To be installed in late fall ('12) to early spring ('13)
Planting Labor	hour	100	\$25.00	\$2,500.00	Describe	
Pre Tax				\$105,500.00		
<b>Sales Tax 8.3%</b>				<b>\$8,756.50</b>		
<b>Sub Total</b>				<b>\$114,256.50</b>		
<b>WWCCD Admin Cost at 30%</b>				<b>\$34,276.95</b>		
<b>TOTAL COST</b>				<b>\$148,533.45</b>		

CHANNEL (South side)			
Rock			
\$80 per cy delivered			
50 cy per	1	\$4,000	
Excavation			
\$1300 per day w/ operator	1	\$1,300	
Bar Buddie			
\$9100 per BB	1	\$9,100	
Subtotal			\$14,400
CHANNEL (North Side)			
Rock			
\$80 per cy delivered			
50 cy per	5	\$20,000	
Log Sweep			
\$200 per log delivered	5	\$1,000	
Excavation			
\$1300 per day w/ operator	4	\$5,200	
Bar Buddie			
\$9100 per BB	1	\$9,100	
Subtotal			\$35,300
BAR BUDDIES			
Rock			
\$80 per cy delivered			
50 cy per	1	\$4,000	
Trees w/ Root Wads			
\$500 per tree delivered	3	\$1,500	
Trees w/o Root Wads			
\$200 per tree delivered	5	\$1,000	
Installation			
\$1300 per day w/ operator	2	\$2,600	
Subtotal per Bar Buddie		\$9,100	
Total for Bar Buddies	3		\$27,300
BARBS			
Rock			
\$80 per cy delivered			
50 cy per	1	\$4,000	
Trees w/ Root Wads			
\$500 per tree delivered	2	\$1,000	
Installation			
\$1300 per day w/ operator	2	\$2,600	
Subtotal per Barb		\$7,600	
Total for Barbs	3		\$22,800
TOTAL			\$99,800

## Design Budget

Item	Unit	Quantity	Unit Cost	Total Cost	Description
Engineer	Hours	80	\$55.00	\$4,400.00	Draw up plans
Auto-Cad	Hours	120	\$21.00	\$2,520.00	Computer & Technician
Sub Total				\$6,920.00	
WWCCD Admin	%			\$1,384.00	20% of Sub Total
<b>Total</b>				<b>\$8,304.00</b>	

## Project Total

Item	Unit	Quantity	Unit Cost	Total Cost	Description
Design				\$8,304.00	
Construction				\$148,533.45	
<b>Grand Total</b>				<b>\$156,837.45</b>	

<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Description</b>
Engineer	Hours	80	\$50.00	\$4,000.00	Draw up plans
Auto-Cad	Hours	120	\$27.00	\$3,240.00	
Sub Total				\$7,240.00	
WWCCD Admin	%			\$1,448.00	20% of Sub Total
Total				\$8,688.00	

# Appendix K Landowner Acknowledgement Form

## Landowner Information

Name of Landowner: Jack McCaw

Landowner Contact Information: Phone # 509-337-6174

Mr.  Ms. Title: Landowner

First Name: Jack Last Name: McCaw

Contact Mailing Address: 3163 Bolles Rd., Waitsburg, WA 99361

Contact E-Mail Address: N/A

Property Address or Location: 3163 Bolles Rd., Waitsburg, WA 99361

I certify that Jack McCaw  
(Landowner) is the legal owner of property described in this grant application to the Salmon Recovery Funding Board (SRFB). I am aware the project is being proposed on my property. My signature authorizes the applicant listed below to seek funding for project implementation, however, does not represent authorization of project implementation.



5/11/11

Landowner Signature

Date

## Project Applicant Information

Project Name: McCaw Reach Fish Restoration Project, Phase A

Project Applicant Contact Information:

Mr.  Ms. Title Project Manger

First Name: Jeff Last Name: Klundt

Mailing Address: 325 N. 13<sup>th</sup> Ave., Walla Walla, WA 99362

E-Mail Address: jklundt@my180.net

Lead Entity Organization: Snake River Salmon Recovery Board

Touchet River  
McCaw Restoration Reach  
Phase A

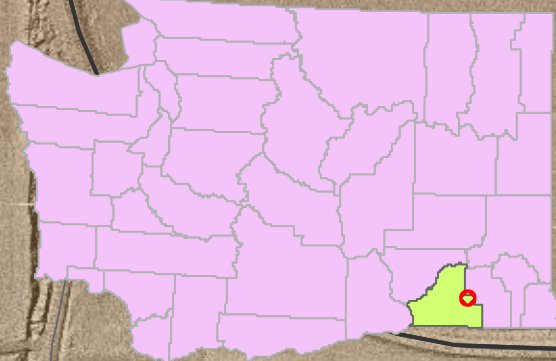
Bolles Rd

Project Site

Flow



Conover Rd



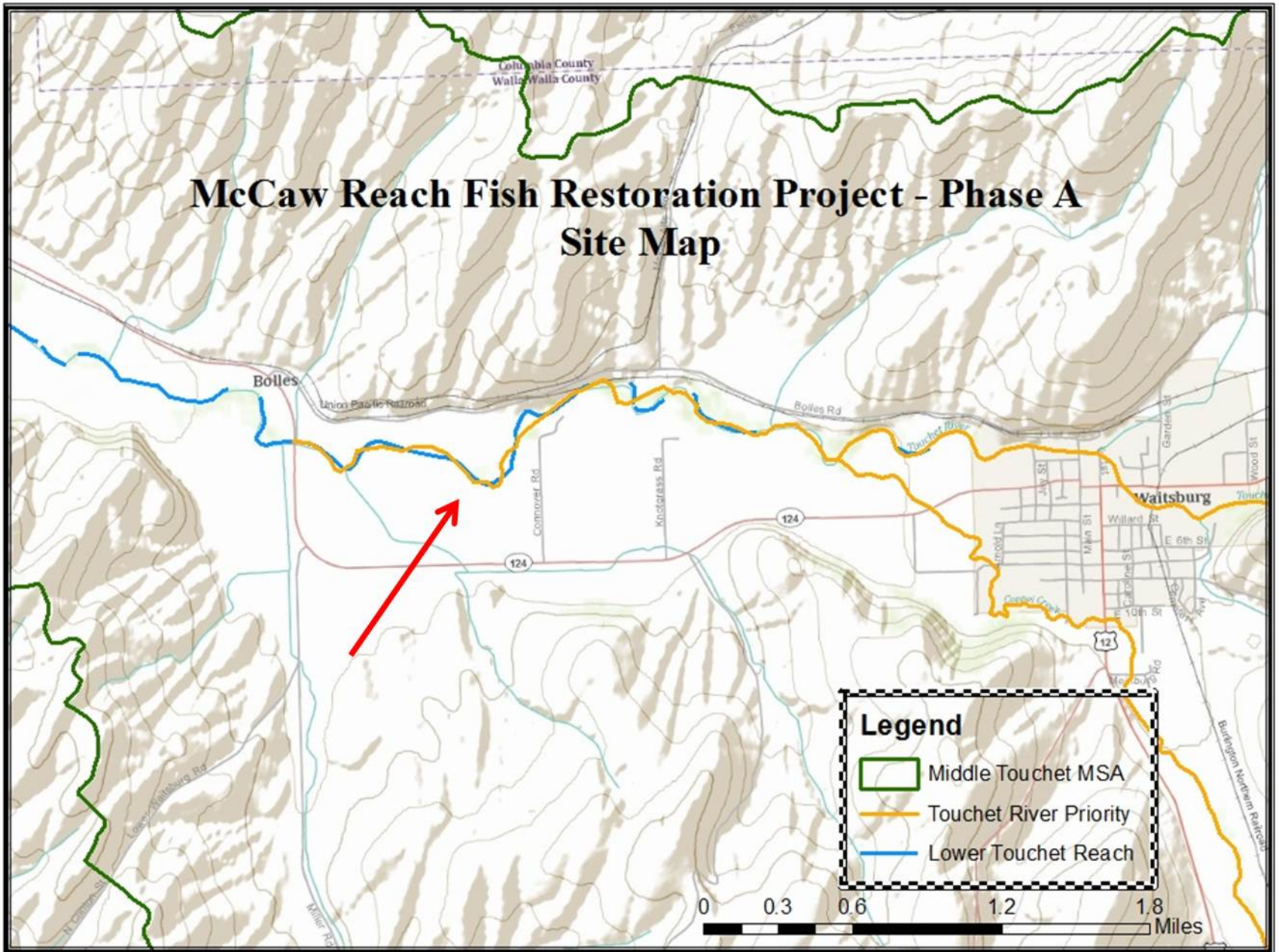
124

0 200 400 800 Feet



**Legend**

- Highways
- County Roads
- Touchet River
- Urban Areas

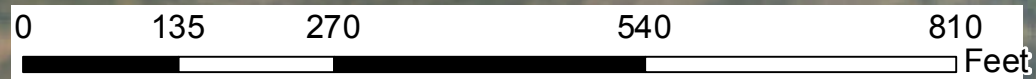
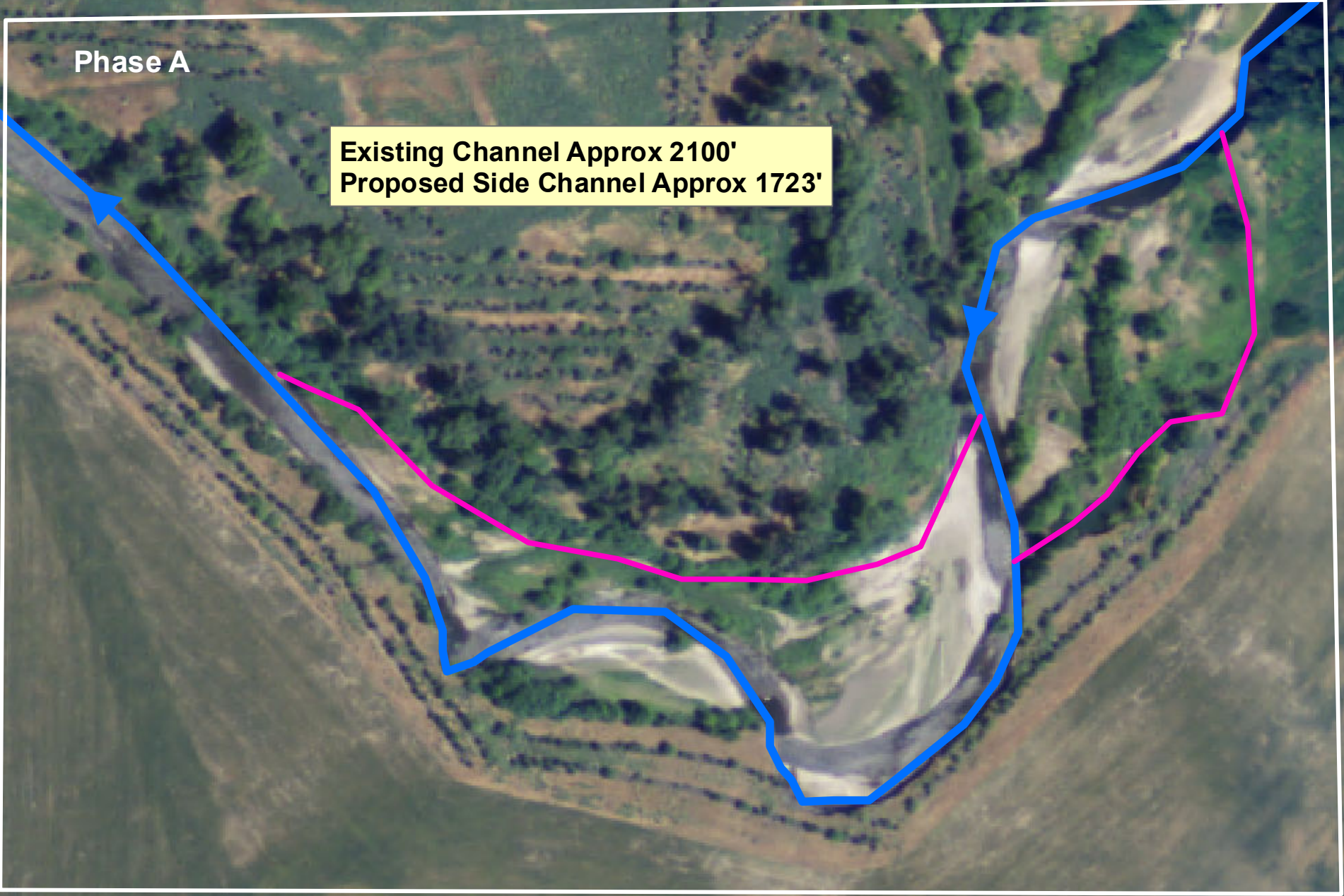
# McCaw Reach Fish Restoration Project - Phase A Site Map



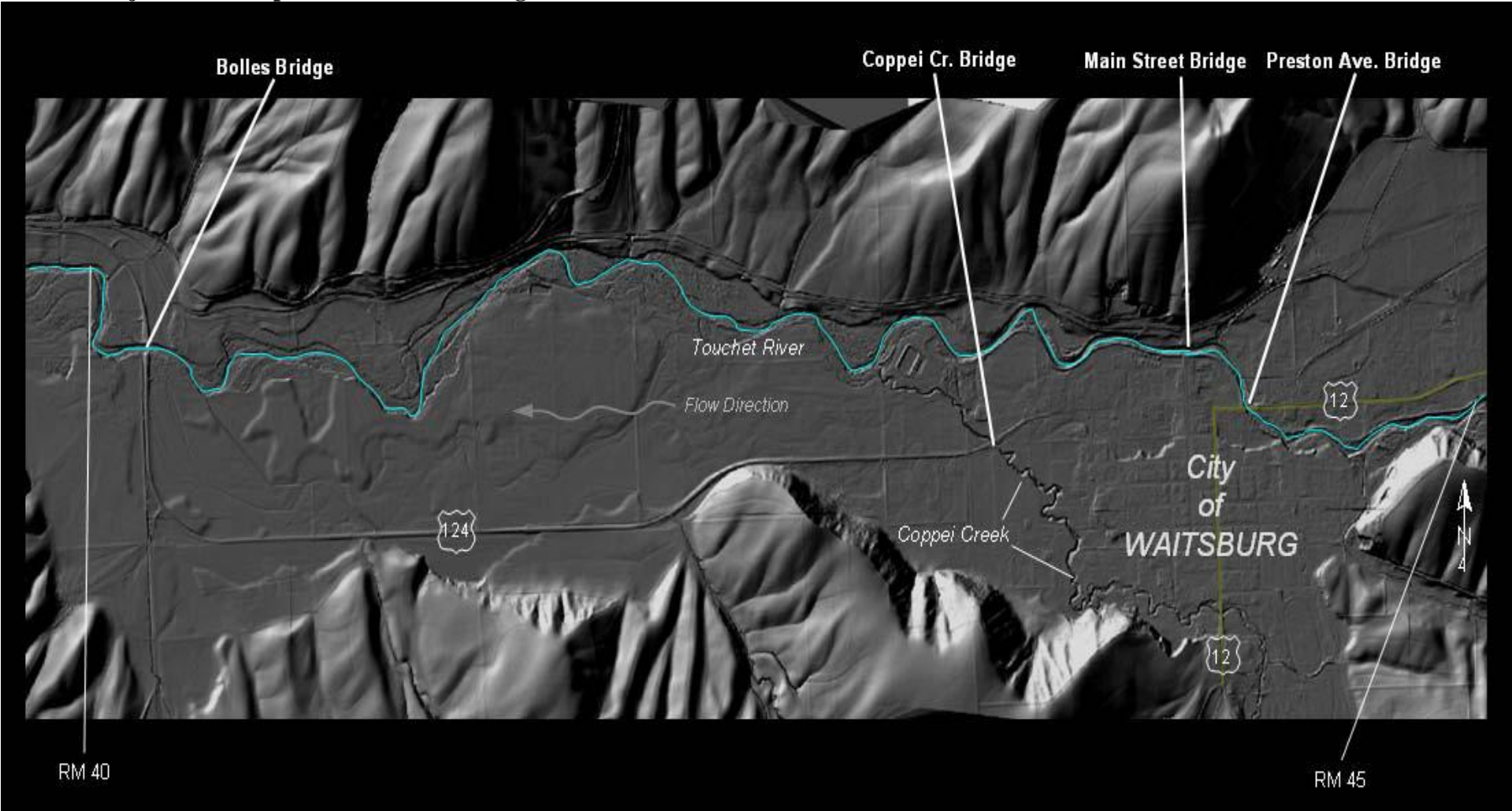
**Legend**

-  Touchet River
-  Proposed Side Channels

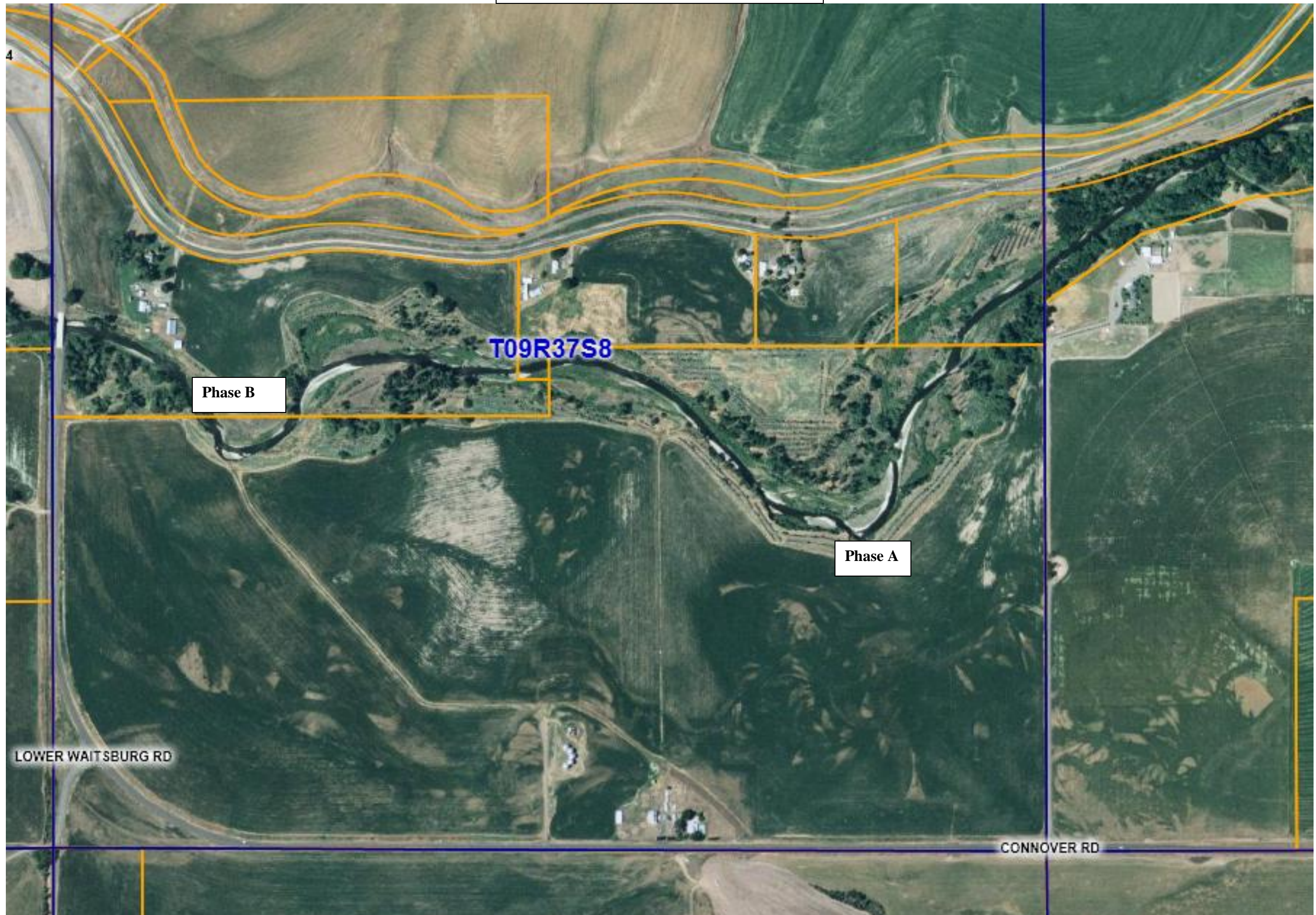
Touchet River  
McCaw Project  
Phase A



**McCaw Project located upstream of Bolles Bridge**



McCaw Reach on Touchet River  
2011 SRFB Application



### Legend

- ▲ Log Complex
- ▬ Riffle Ribs
- - - Proposed Side Channels
- 20-25 Log Bar Buddies
- ▶ Touchet River
- 5-7 Log Bar Buddies

### Touchet River McCaw Project Phase A

Phase A

Existing Channel Approx 2100'  
Proposed Side Channel Approx 1812'

