

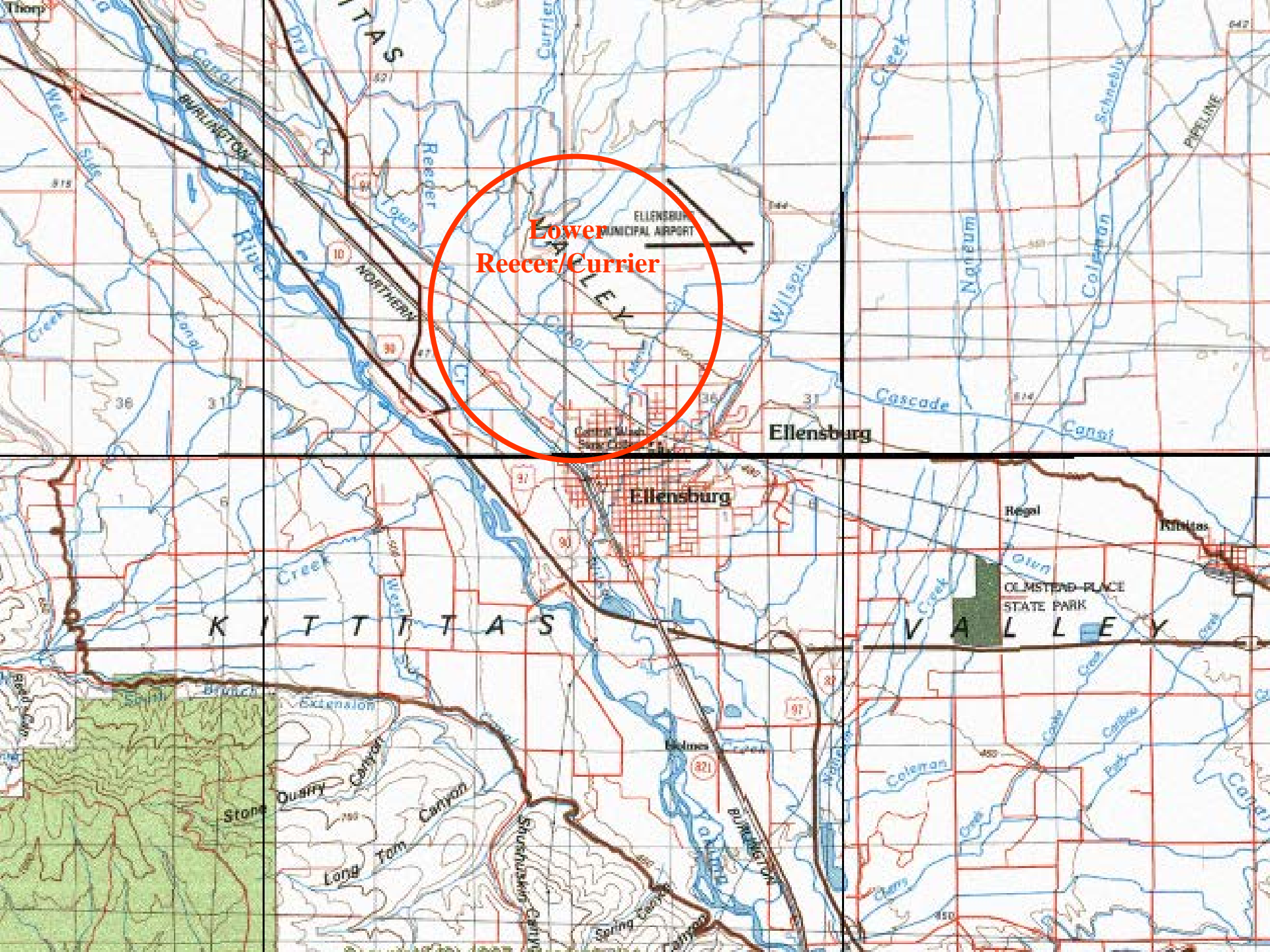
**Henry Fraser**

**Yakama Nation -- YKFP**

**Topic:**

**Reecer Creek / Currier Creek**

**Fish Passage and Screening**



**Lower  
Reece/Carrier**

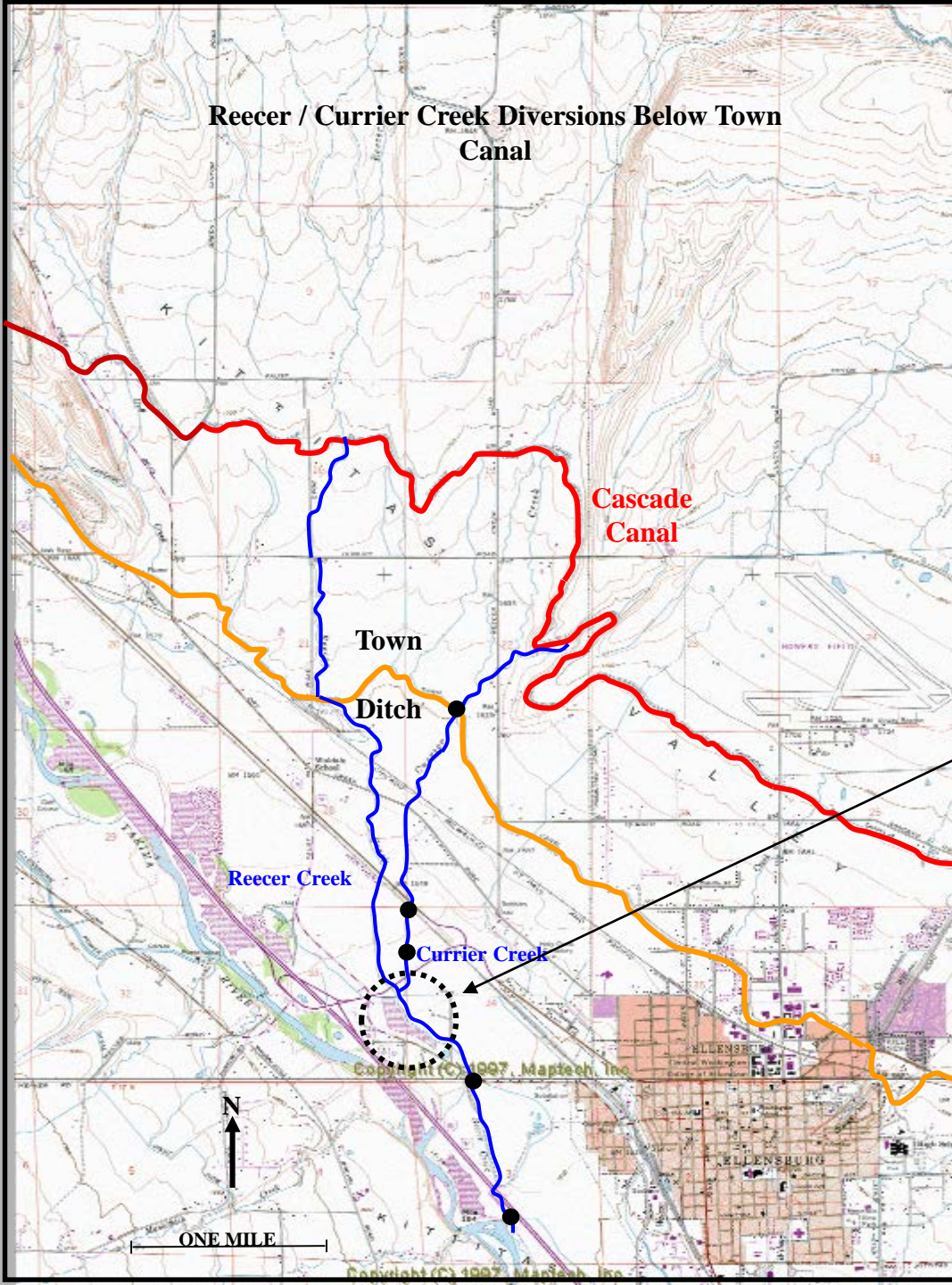
ELLENSBURG  
MUNICIPAL AIRPORT

Ellensburg

Ellensburg

COLMISTEN-PLACE  
STATE PARK

**Reecer / Currier Creek Diversions Below Town  
Canal**



**Cascade  
Canal**

**Town  
Ditch**

**Reecer Creek**

**Currier Creek**

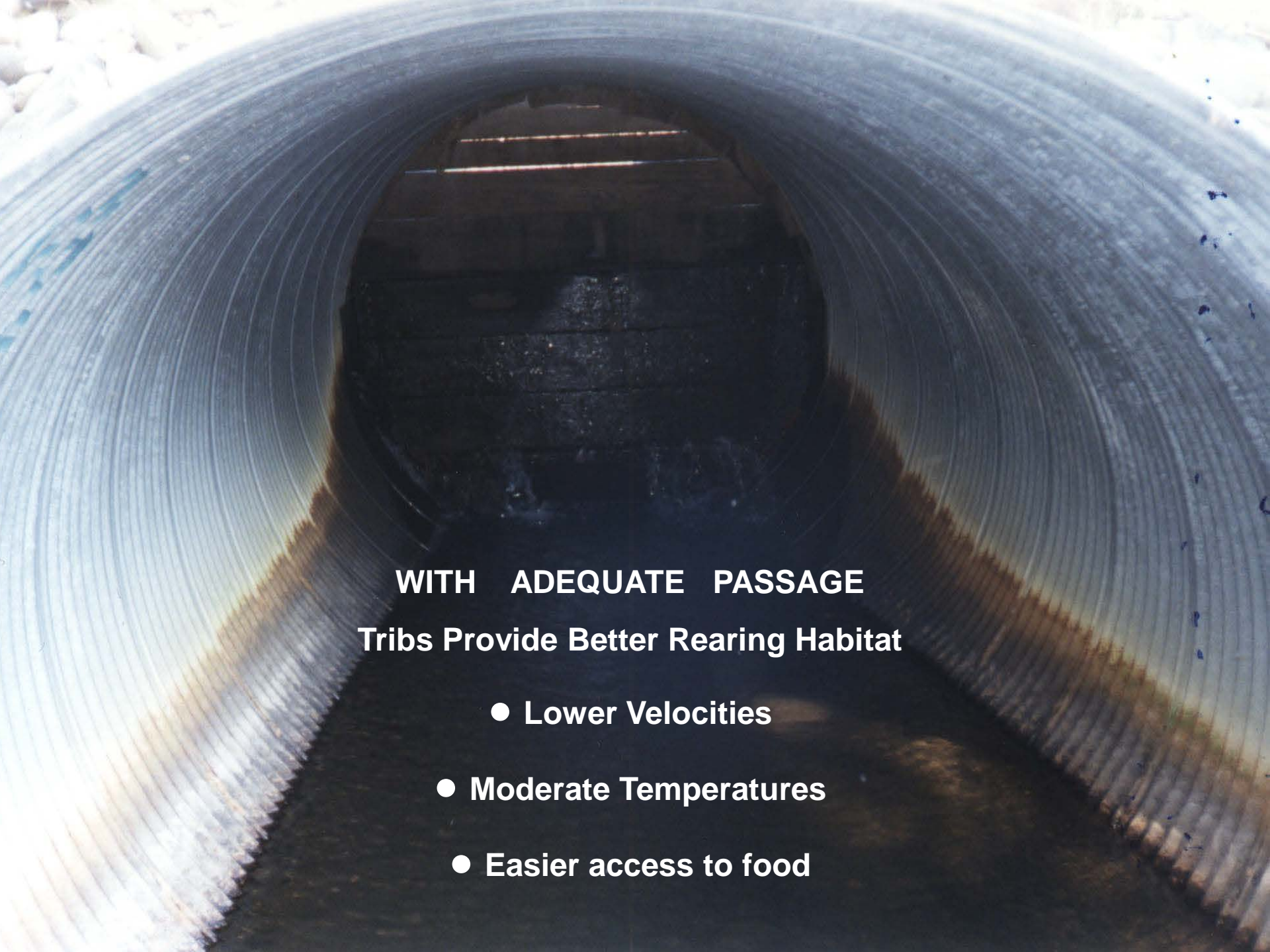
Proposed  
Terrell Development



ONE MILE

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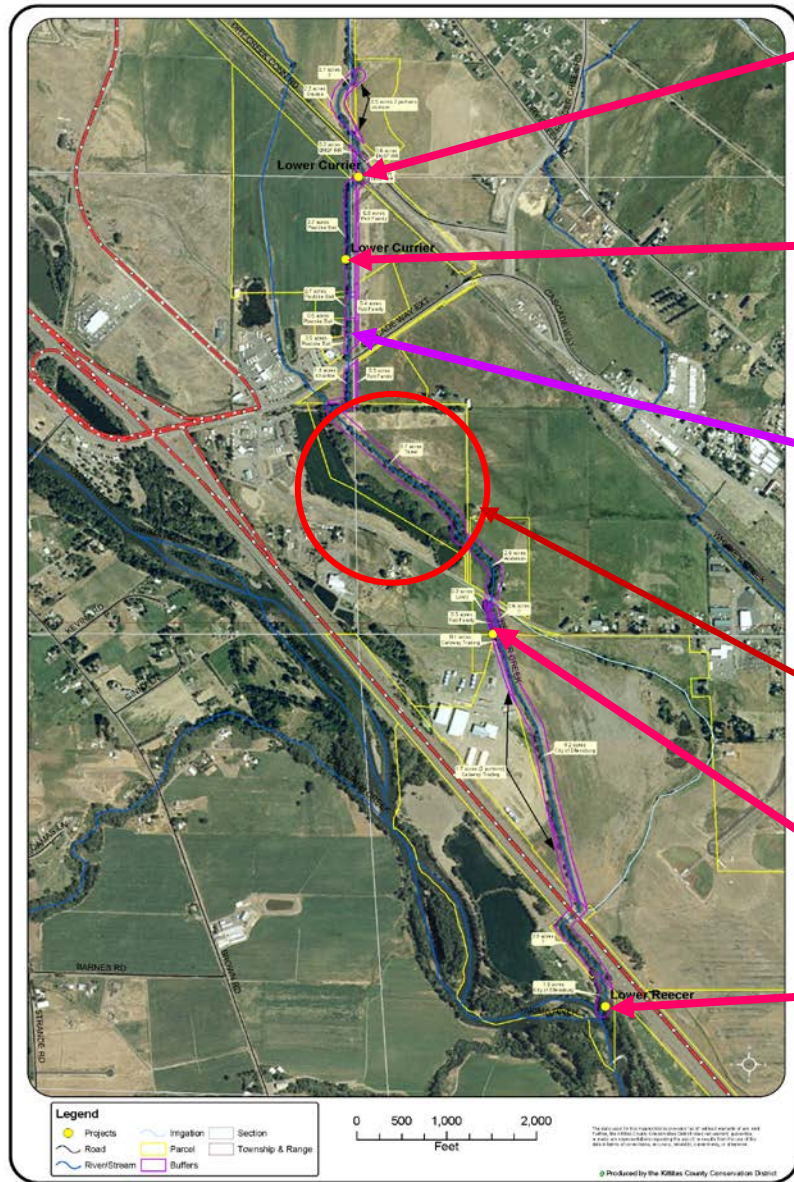
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**WITH ADEQUATE PASSAGE**  
**Tribs Provide Better Rearing Habitat**

- Lower Velocities
- Moderate Temperatures
- Easier access to food





**Pott Diversion (SRFB '05; NOAA – American Rivers)**

**Pautzke Diversion (SRFB'05; DOE “Water Conveyance”)**

**Proposed Conservation Easement Area KCT**

**Proposed Terrell Development**

**KCCD Projects (SRFB Funding '04)**

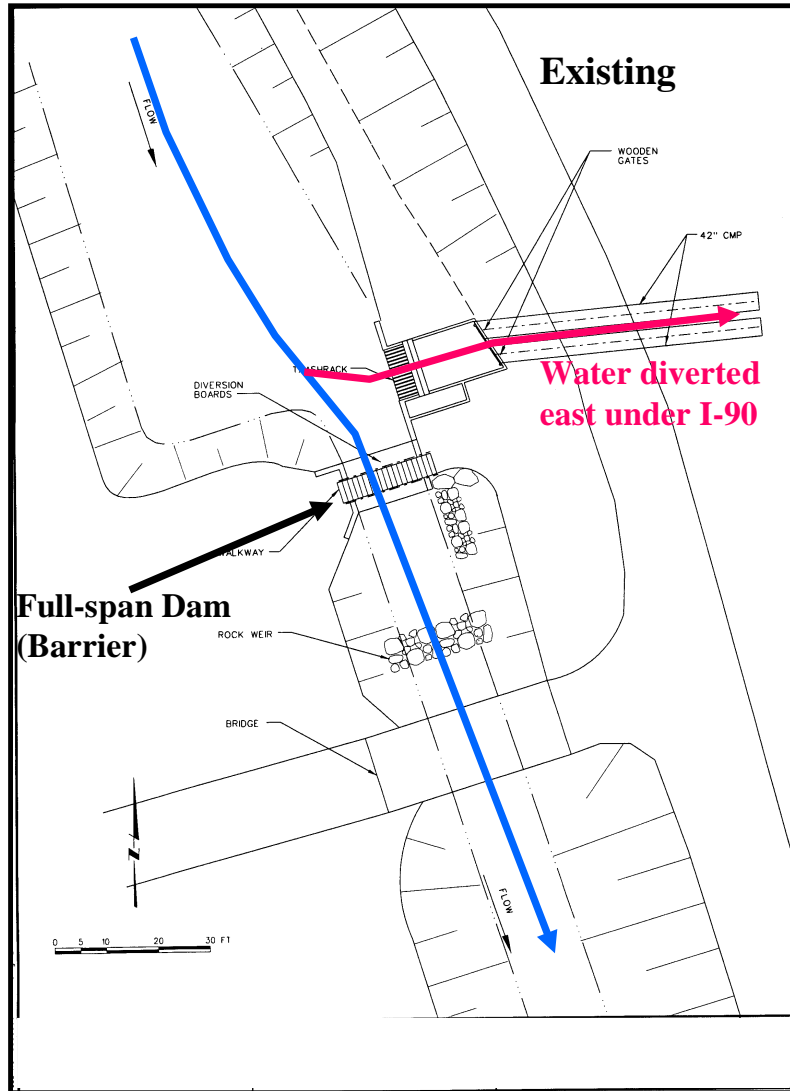


1<sup>st</sup> Barrier - Reecer Creek

04/12/2004

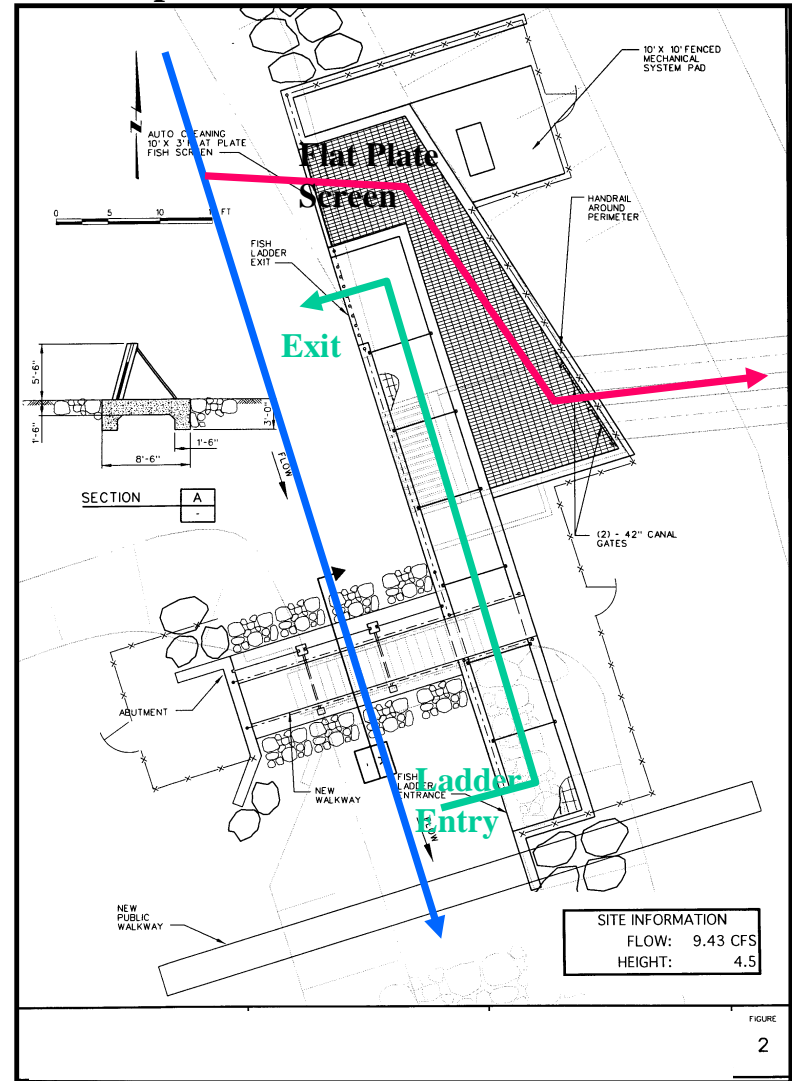
\$410K - \$878K

# Diversion 1 - Reecer Creek



Existing Diversion is unscreened;  
the check dam is a barrier.

# Proposed

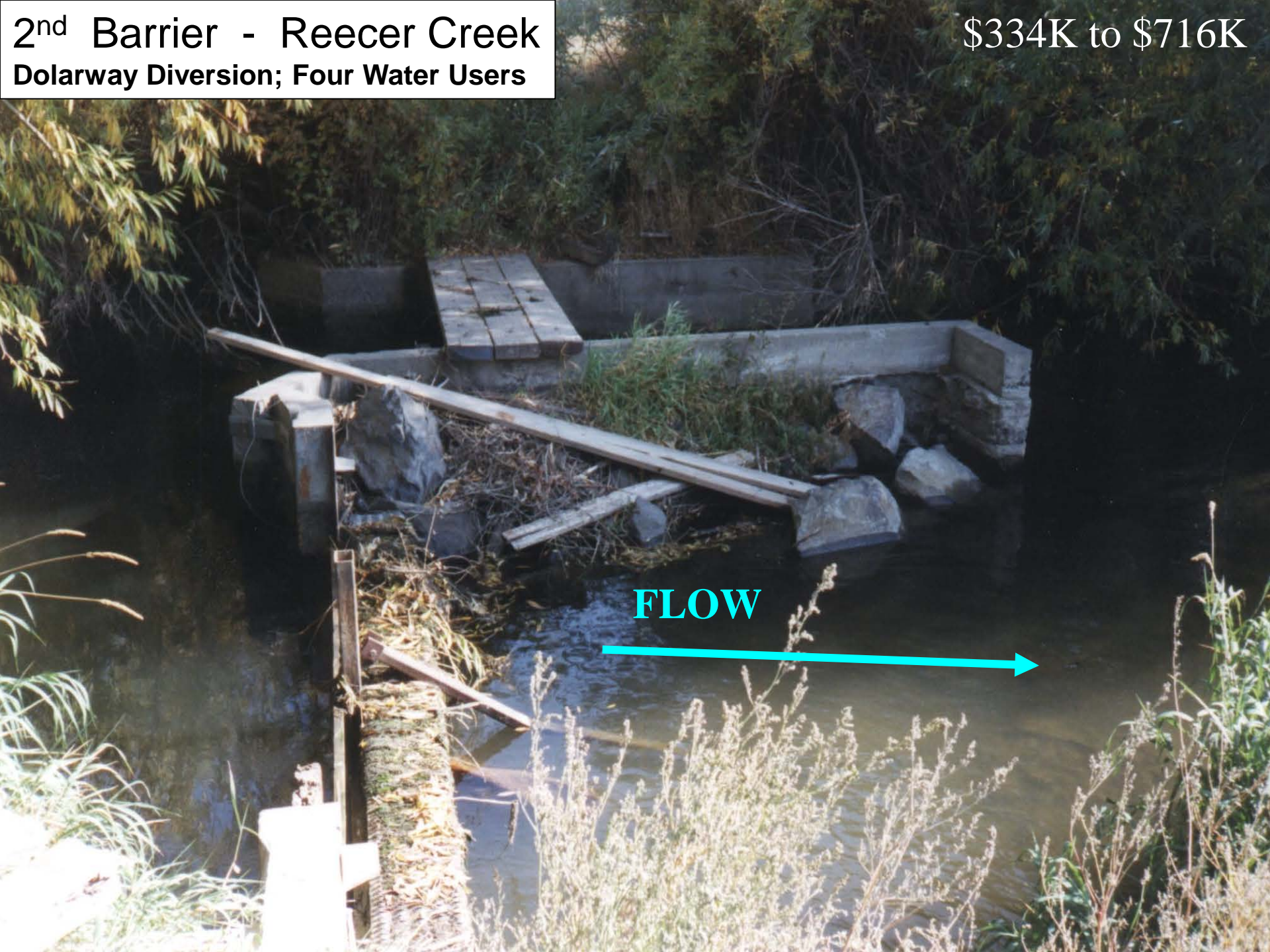


Proposed flat plate screen and ladder.  
Cost: \$410 to \$878 K



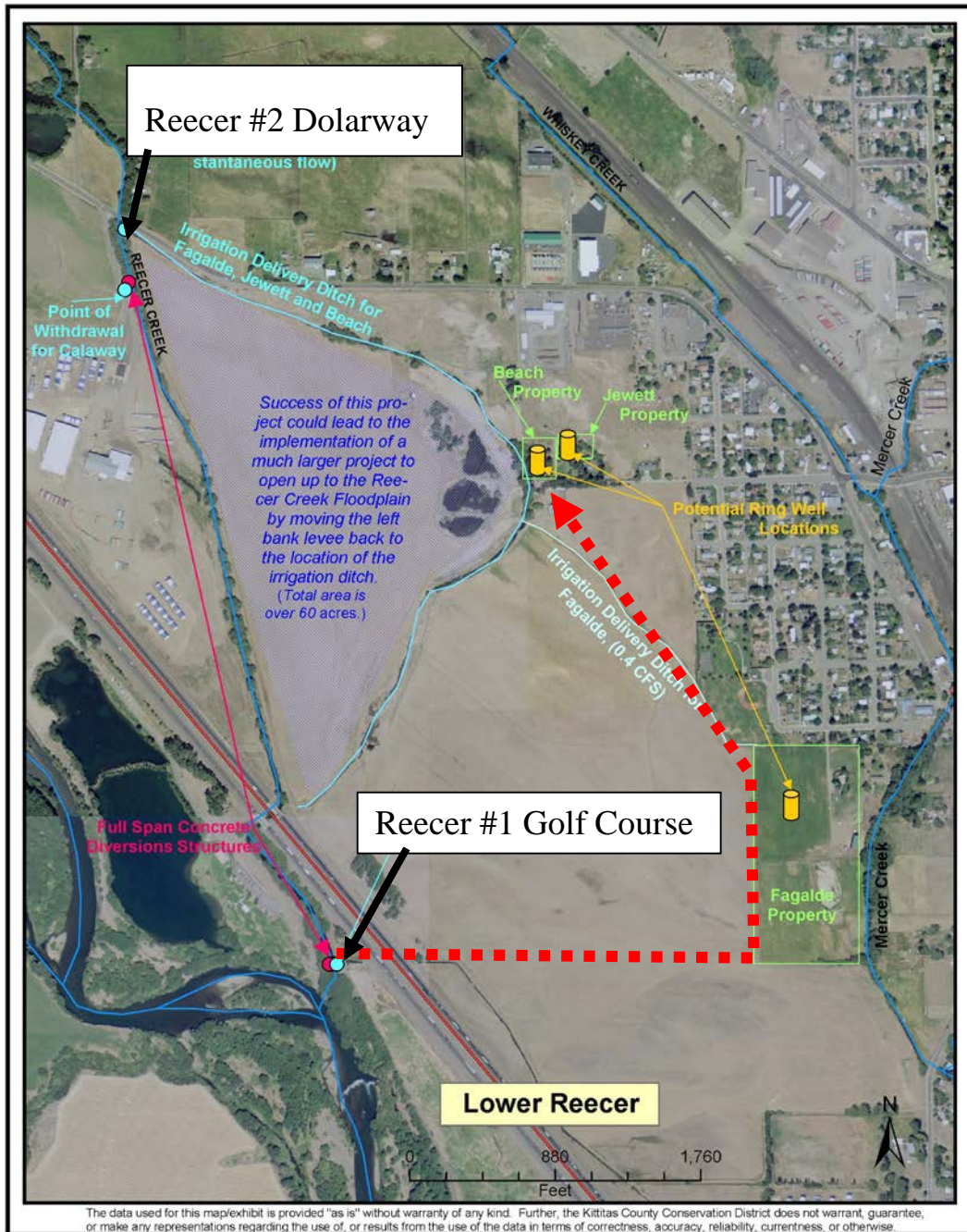
2<sup>nd</sup> Barrier - Reecer Creek  
Dolarway Diversion; Four Water Users

\$334K to \$716K



# 2<sup>nd</sup> Diversion - Reecer Creek



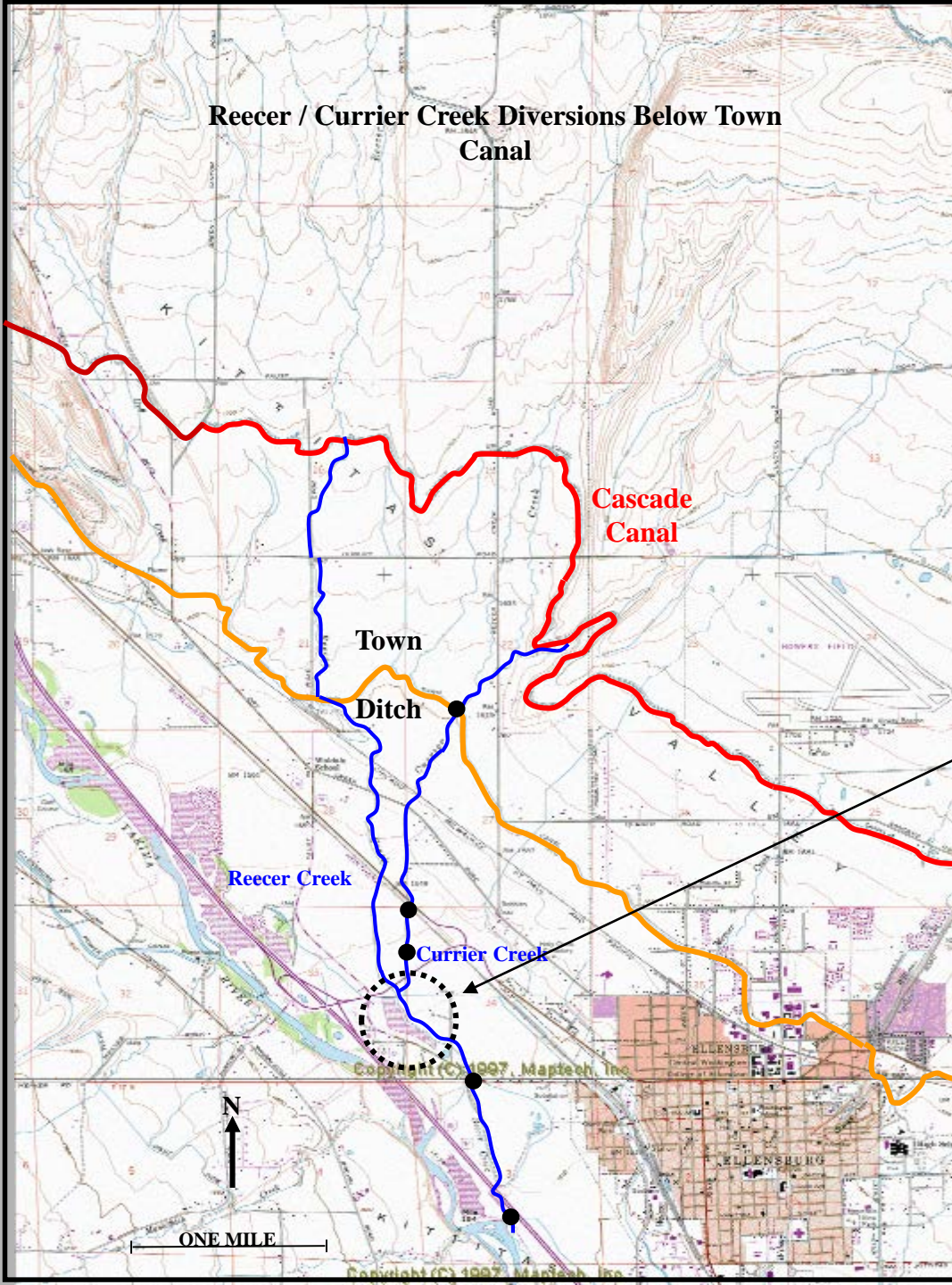


# Ring Well Alternative

Pump from Diversion 1

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**Reecer / Currier Creek Diversions Below Town  
Canal**



**Cascade  
Canal**

**Town  
Ditch**

**Reecer  
Creek**

**Currier  
Creek**

Proposed  
Terrell Development

ONE MILE

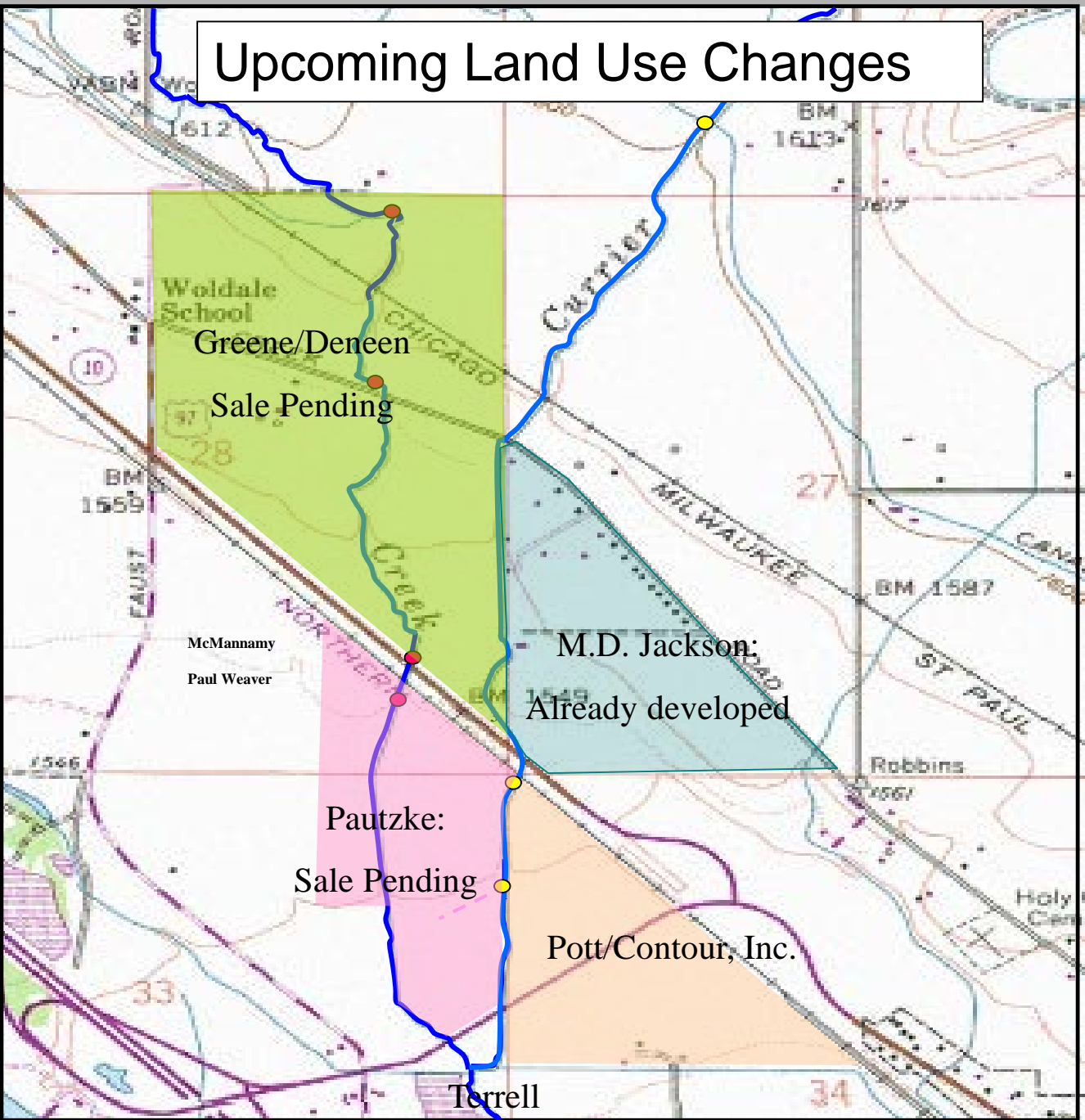
- Terrell Rezone Proposal – Reecer Creek



218 Units are proposed

Current City regulations provide for a buffer 3-times the wetted width, measured from the center of the stream, or about 12-ft. in the case of Reecer Creek at this location. The purple lines on the photograph represent a 75-ft. buffer.

# Upcoming Land Use Changes



**1996 Flood  
Downstream Edge of Culverts**



**Use vertical posts as  
a comparative  
reference**

**April 14, 2005  
8-ft. diameter culverts are over-topped in the '96 Flood  
(above)**

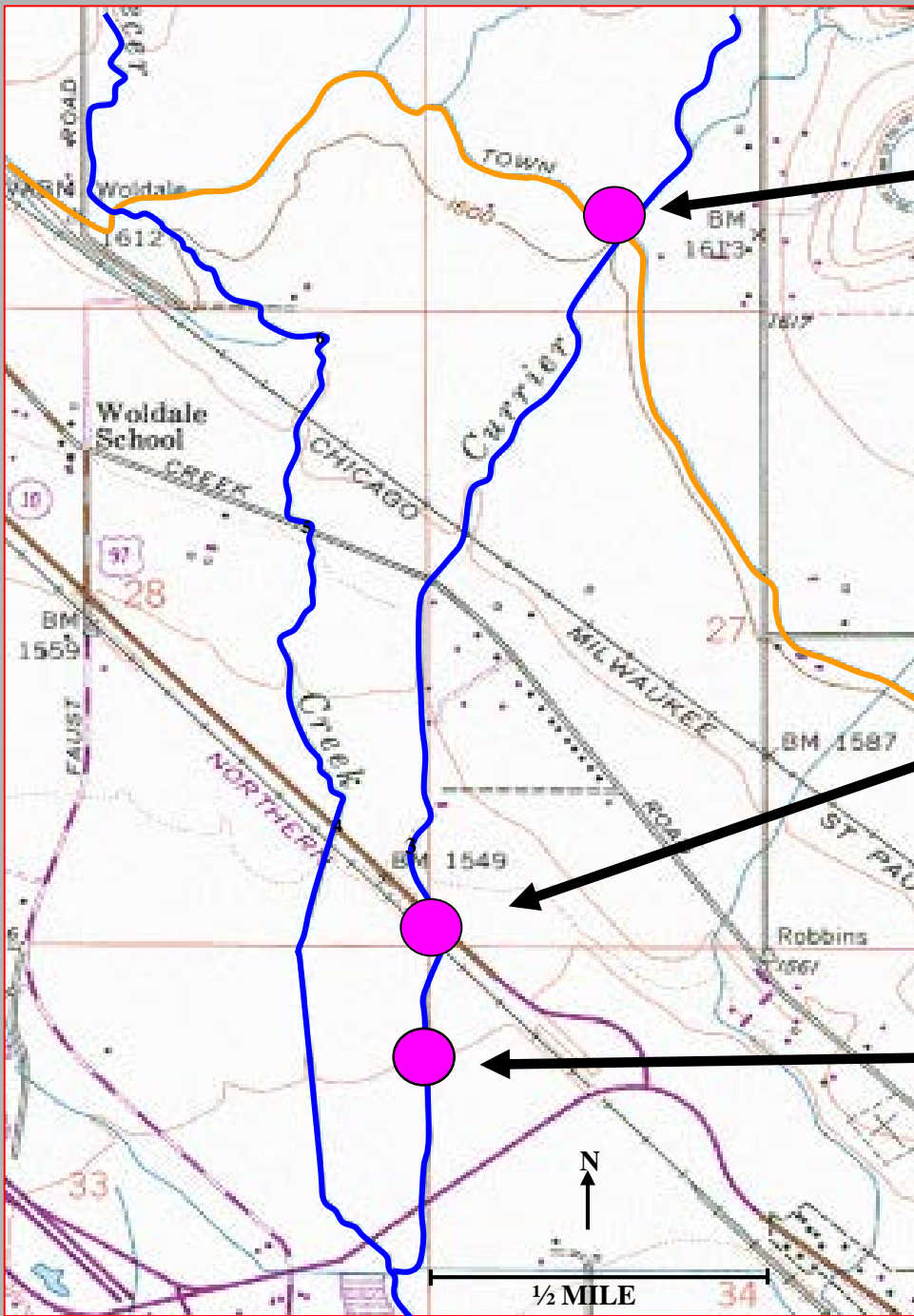




POTT RD

0A  
1





Intersection of Town Canal and Carrier Creek

2nd Diversion Carrier Creek (Pott/Contour Inc.)

1<sup>st</sup> Diversion Carrier Creek  
(Pautzke Bait Co.)

# 1<sup>st</sup> Barrier - Currier Creek

\$379K to \$813K

Right Bank Diversion Pipe



Right 1/2 of the Pautzke Diversion has boards remaining – Flow in direction of arrow

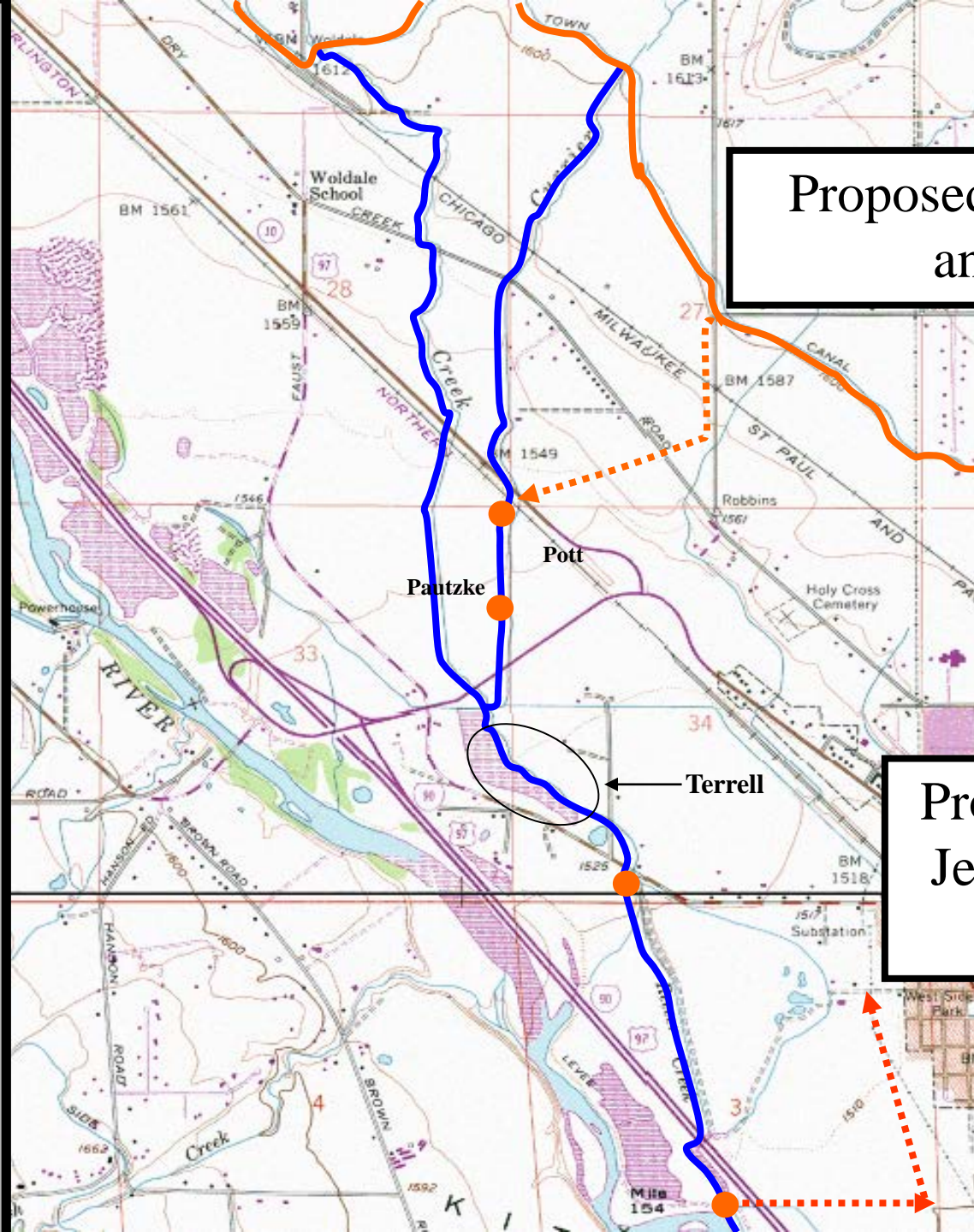


**2nd Barrier - Currier Creek**

**View From Downstream (RB)**

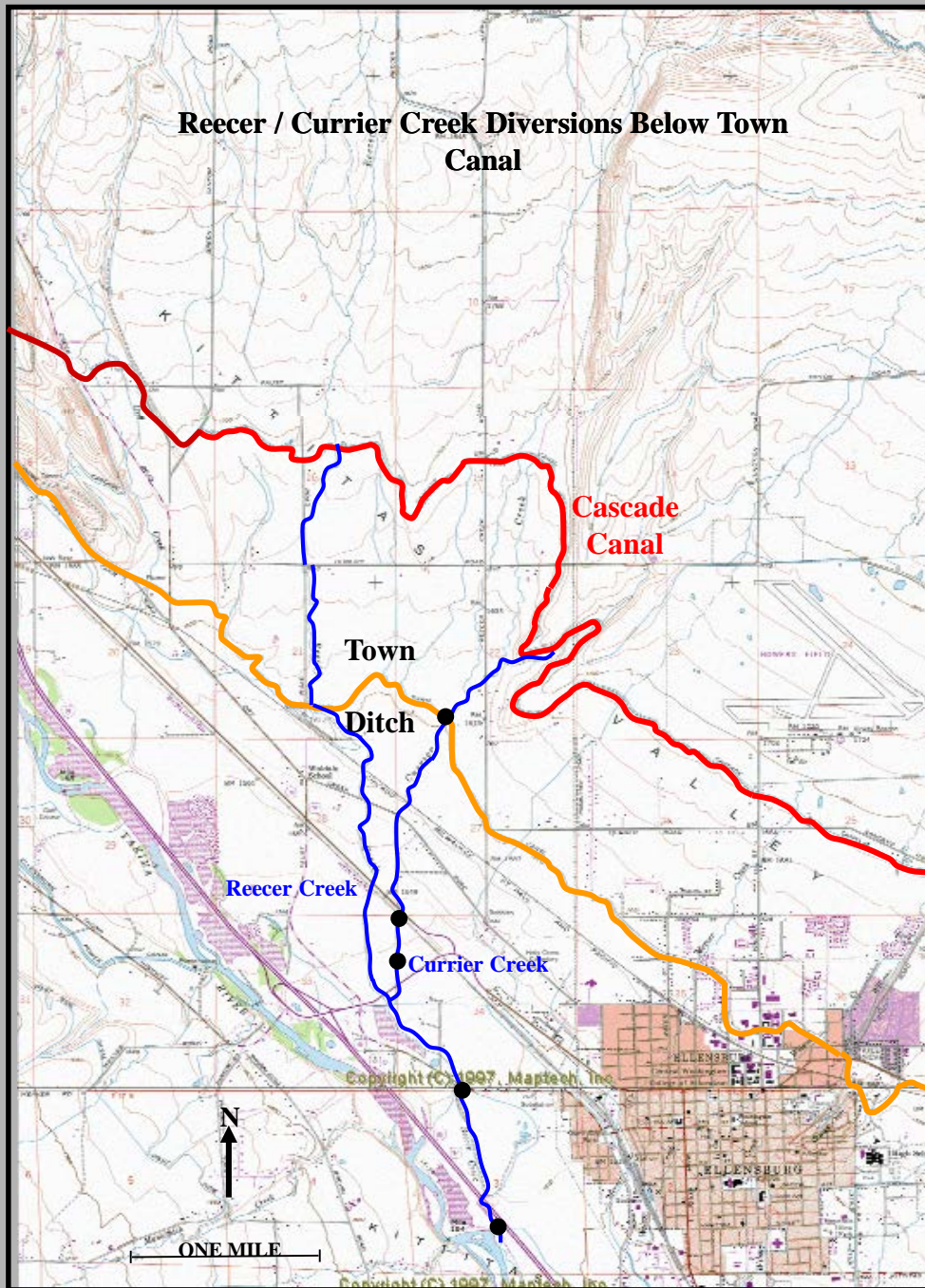
**Culvert Diameter 8-Ft.**

**\$630K to \$1.35 Million**



Proposed Pipeline to Pott and Pautzke

Proposed Pipeline to Jewett, Morgan and Fagalde



- Pumps and piping are generally cheaper than gravity screens/ladders.
- Water users are reluctant to pick up electrical costs.
- Ring wells pose problems with continuity and “extent/validity” scrutiny
- There is no imperative for water users to remove barriers, screen diversions or conserve water

