



Arnold Irrigation District Infrastructure Modernization Project

Public Comment Meeting: June 23, 2021



Meeting Agenda

Part 1

Welcome
&
Technology

Part 2

Watershed Planning
&
Project Overview

Part 3

Question
&
Answer Session



Part 1

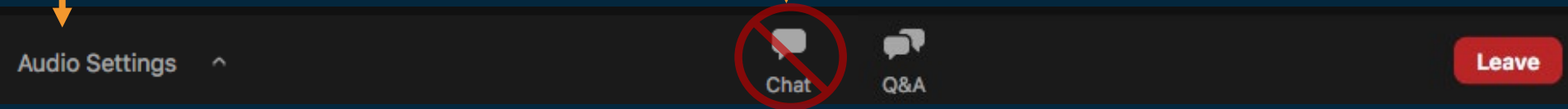
Welcome & Technology



Using Zoom Webinar

Microphones are muted

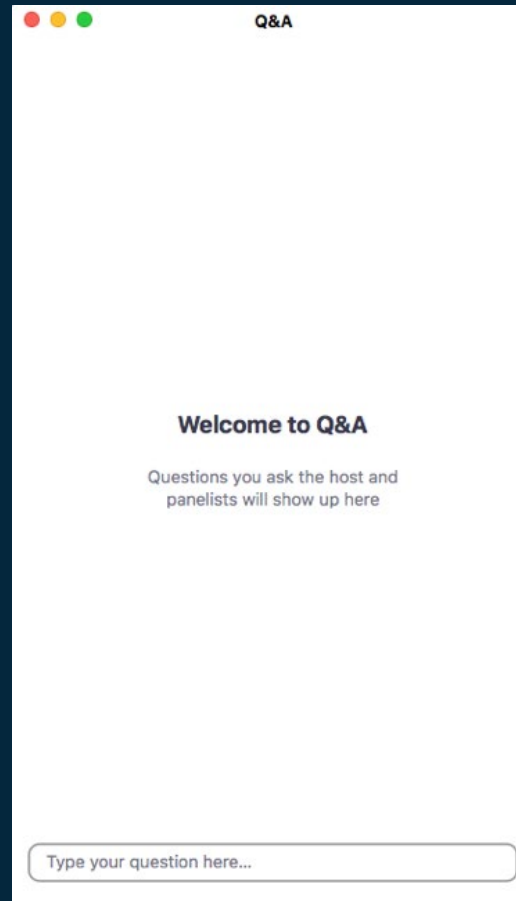
Chat box is disabled



Webinar is being recorded

Recording available afterward at
oregonwatershedplans.org

Using Zoom Webinar



- Submit questions at any time during the presentation
- Questions will be answered after the presentation by our panelists
- Formal comments can be submitted for the record via email, website, mail, or phone – more on that later

Use Q&A button to submit a question

Q&A box should appear



Chat



Q&A

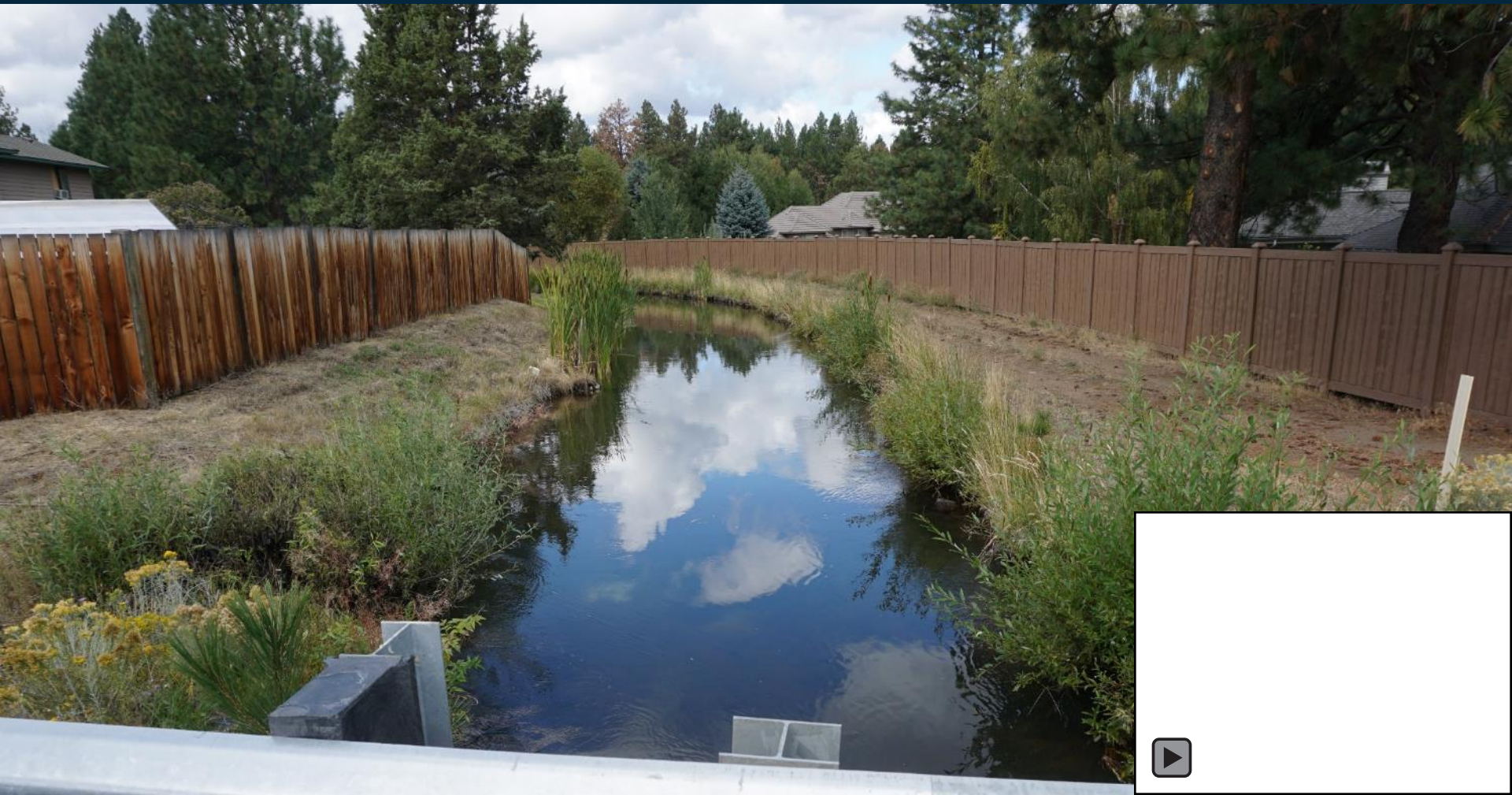
Leave

District
Welcome



Part 2

Watershed Planning & Project Overview



Watershed Protection and Flood Prevention Program (PL-566)

Managed and funded by

US Department of Agriculture

- Natural Resources Conservation Service
(NRCS)

To qualify, irrigation districts must have

- 1) match funding
- 2) authorized Final Watershed Plan-
Environmental Assessment (Plan-EA)



Watershed Planning Process

Step 1:
Project Proposal Initiation



Scoping Meeting

Step 2:
Scoping Period



Step 3:
Prepare DRAFT
Watershed Plan- Environmental Assessment



Public Meeting

Step 4:
Public Comment Period



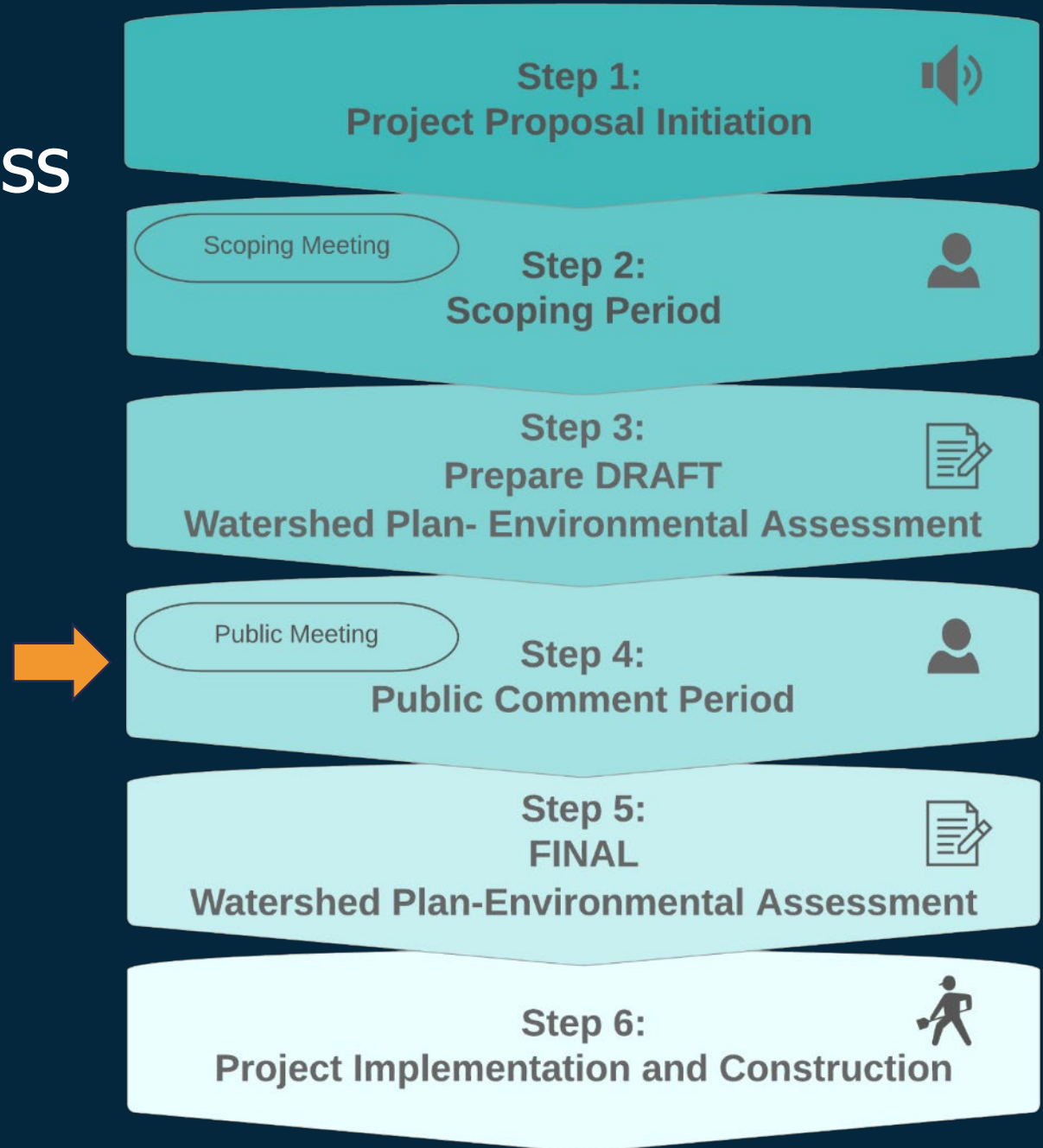
Step 5:
FINAL
Watershed Plan-Environmental Assessment



Step 6:
Project Implementation and Construction



Watershed Planning Process



What a Plan-EA Includes

- Purpose & need
- Proposed Action
- Alternatives
- Effects
- Mitigation measures
- Economic analysis



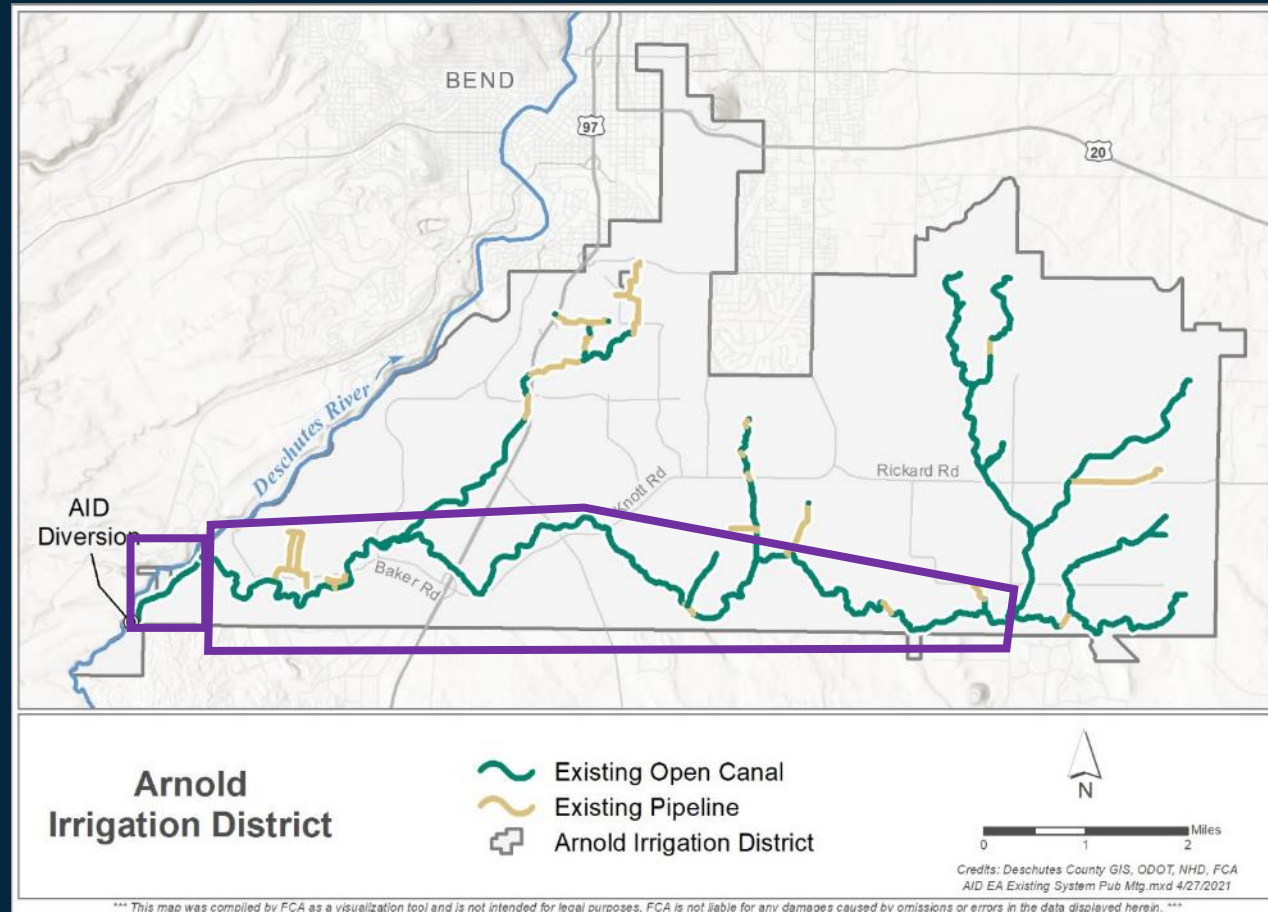
How the Plan-EA is Organized

1. Introduction
2. Purpose and Need
3. Scope of the Plan-EA
4. Affected Environment
- 5. Alternatives**
- 6. Environmental Consequences**
7. Consultation, Coordination, and Public Participation
- 8. Preferred Alternative**
- 9-13. Other Required Sections
14. Appendix



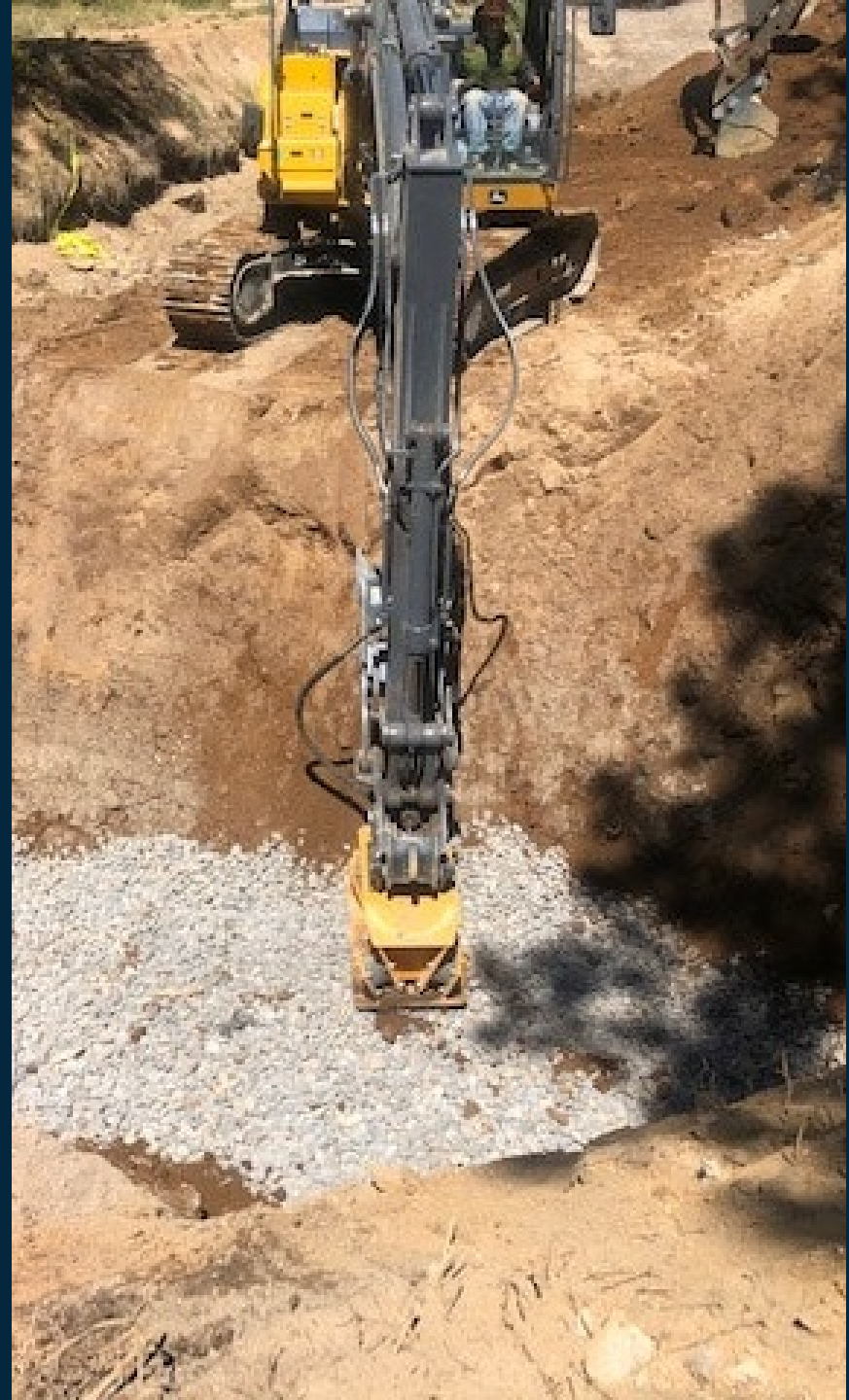
Arnold Irrigation District Overview

- **4,384** acres irrigated
- **646** irrigators
- Irrigation season **April-Oct**
- **39**-mile system
- **1**-mile flume and **12.2**-mile Main Canal
- **~39%** of the water diverted lost to seepage



Project Purpose and Need

- Improve water conservation
- Improve water supply management and delivery reliability
- Reduce District operation and maintenance costs
- Improve public safety



Alternatives

No Action Alternative

Future without Federal Investment

Continuation of the District's standard operations and maintenance. The aging flume would be replaced within 15 to 20 years to avoid failure.

Piping Alternative

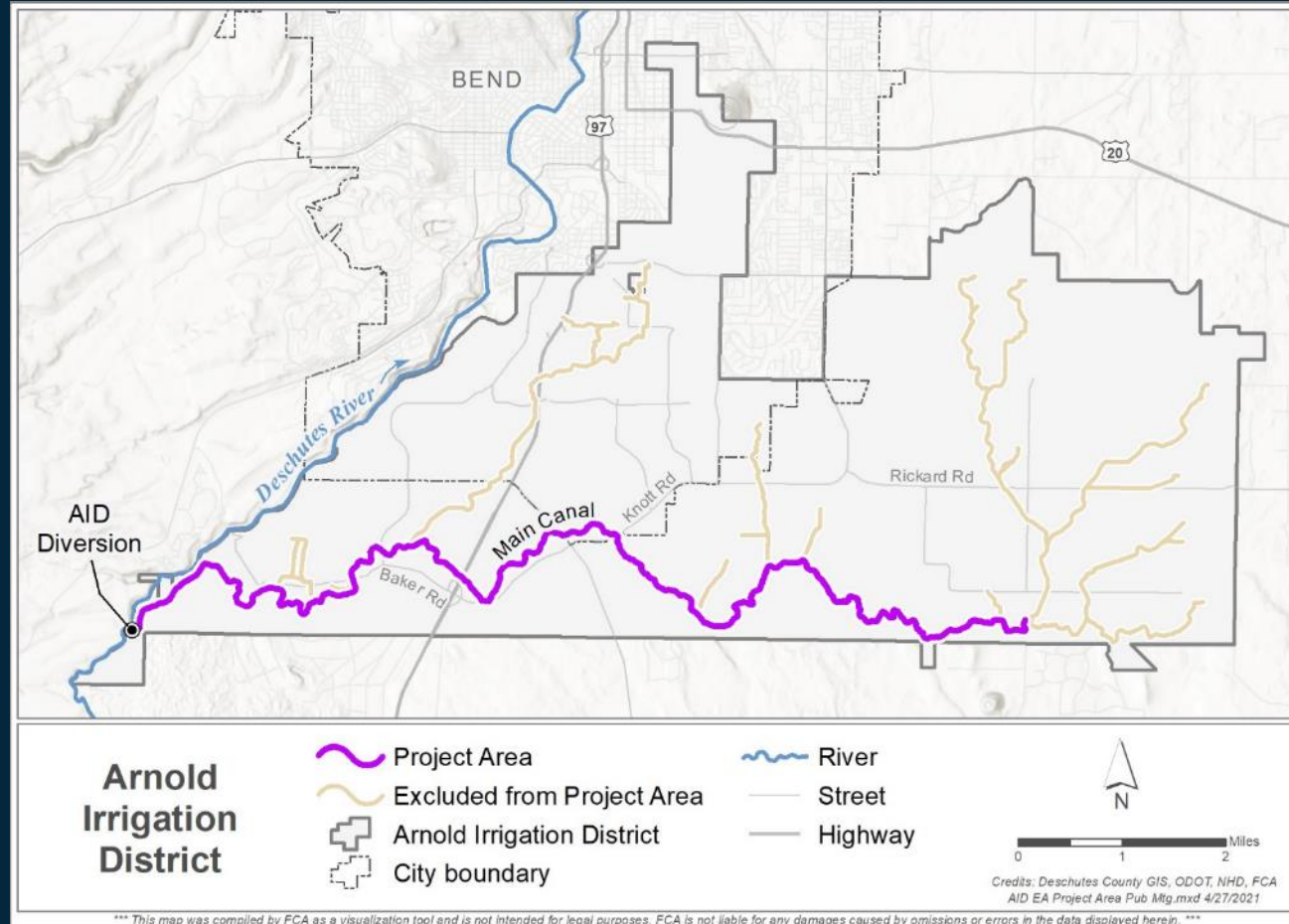
Future with Federal Investment

Proposed Action Infrastructure Improvements

- Pipe 13.2 miles of the District's Main Canal and flume
- Remove the flume
- Upgrade associated turnouts

Piping Alternative

- Install 13.1 miles buried pipe
- Remove the flume
- Install 450 feet elevated pipe
- Upgrade 88 turnouts



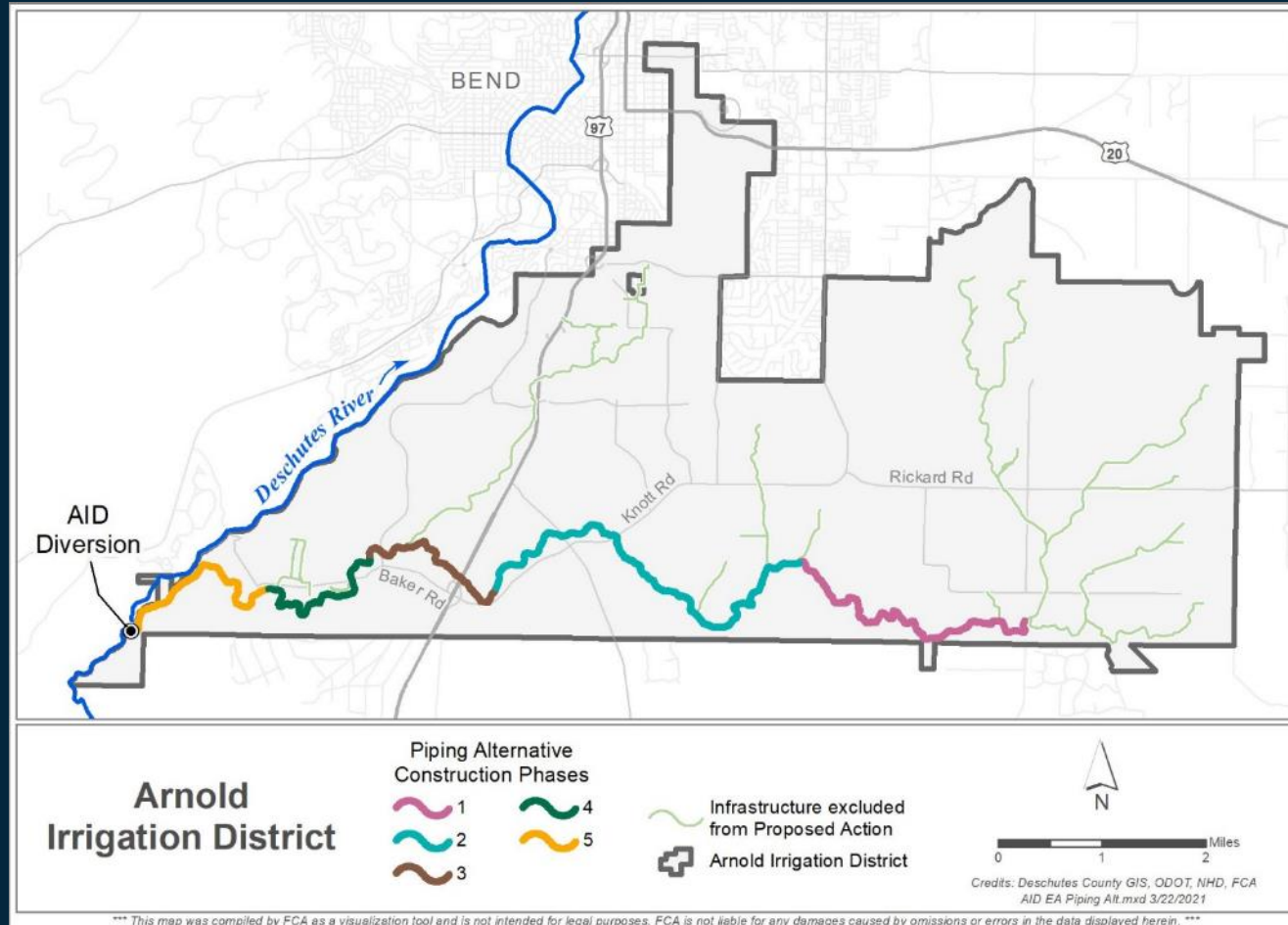
Piping Alternative

Construction Timeline: 7 years

Phase	Year
1	2022-2024
2	2023-2026
3	2025-2027
4	2026-2028
5	2027-2029

Cost: \$42,759,000

PL-566 Funds	District Match
\$27,862,000	\$14,897,000



*** This map was compiled by FCA as a visualization tool and is not intended for legal purposes. FCA is not liable for any damages caused by omissions or errors in the data displayed herein. ***

What This Project Would Achieve

- Improve water delivery reliability
- Save water
 - Up to 10,526 acre-feet/year during the irrigation season
- Protect water instream
 - Up to 10,123 acre-feet/year during the non-irrigation season
- Reduce public safety risk



Plan-EA Resource Analysis

Cultural Resources

Fish and Aquatic Resources

Land Use

Public Safety

Socioeconomic Resources

Soils

Vegetation

Visual Resources

Water Resources

Wetlands and Riparian Areas

Wild and Scenic Rivers

Wildlife Resources

We Would Like Your Comments

- Your input helps NRCS make informed decisions
- Formal comments must be submitted in writing (letter, email, website) or by phone
- Comments must be specific to AID's project
- Your comment will be included in the Final Plan-EA



Commenting Suggestions

- Accuracy, methodology, assumptions, information used for analysis
- Errors and omissions
- Range of alternatives included
- NEPA and NRCS requirements



Comment Period Ends **July 8, 2021**

Opportunities to Submit Formal Comment

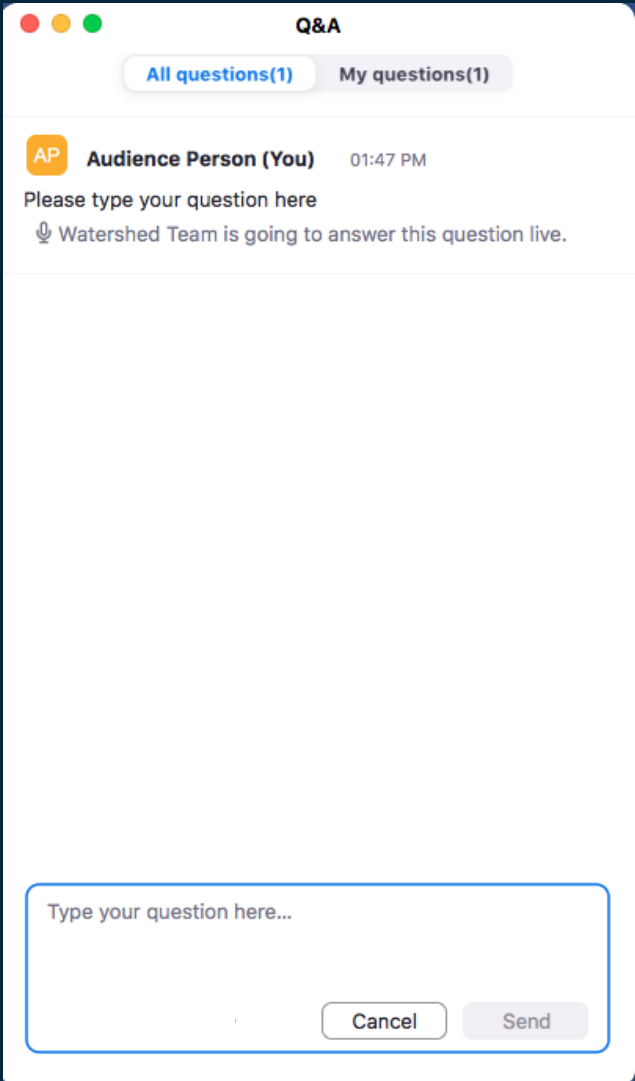
- Online: oregonwatershedplans.org
- Email: arnold.id.comments@gmail.com
- Phone: (541) 716-6085
- Mail: Attn: Arnold Watershed Plan
Farmers Conservation Alliance
102 State St.
Hood River, OR 97031

Part 3

Question & Answer Session



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