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NEVADA IRRIGATION DISTRICT E. George to Lake Wildwood Backbone Extension Pipeline Project

**Presented by:
Chris Stabenfeldt (ECORP)
Tonia M. Tabucchi Herrera (NID)**

**June 27, 2019
Public Meeting 5:30 – 7:00pm**



About the Presenters



- ◆ Chris Stabenfeldt (ECORP), Senior Environmental Planner
 - 31+ years of experience in environmental planning, project management, and CEQA/NEPA compliance
- ◆ Tonia M. Tabucchi Herrera (NID), PE, Senior Engineer
 - 19+ years of experience planning, design, project management and construction oversight of water projects



Overview of Presentation



- ◆ Introductions
- ◆ CEQA Process
- ◆ Project Overview
- ◆ Construction
- ◆ County Coordination
- ◆ Q & A





CEQA Process Flowchart (Initial Study/MND)

NID determines if the activity is a "Project" under CEQA



NID determines if the Project is exempt or not...if so, an Exemption is filed



If not, NID evaluates the project to determine if a IS/MND or an EIR will be prepared.

Determination: an IS/MND is required for this Project



CEQA Process Flowchart (Initial Study/MND) continued

NID prepares a Draft Initial Study/Negative Declaration (IS/MND)



Draft IS/MND is circulated for public review (30 days) **WE ARE HERE**



NID collects all comments from the 30-day public review period



CEQA Process Flowchart (Initial Study/MND) continued

NID prepares a Final IS/MND that includes Response to Comments received during 30-day public review



Final IS/MND is submitted to the Board (tentatively scheduled for August 14th)



Decision/Determination is made on Project (Approval)



Notice of Determination (NOD) is filed with Office of Planning & Research (OPR)



Project Overview: Project Location

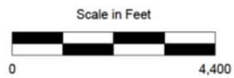
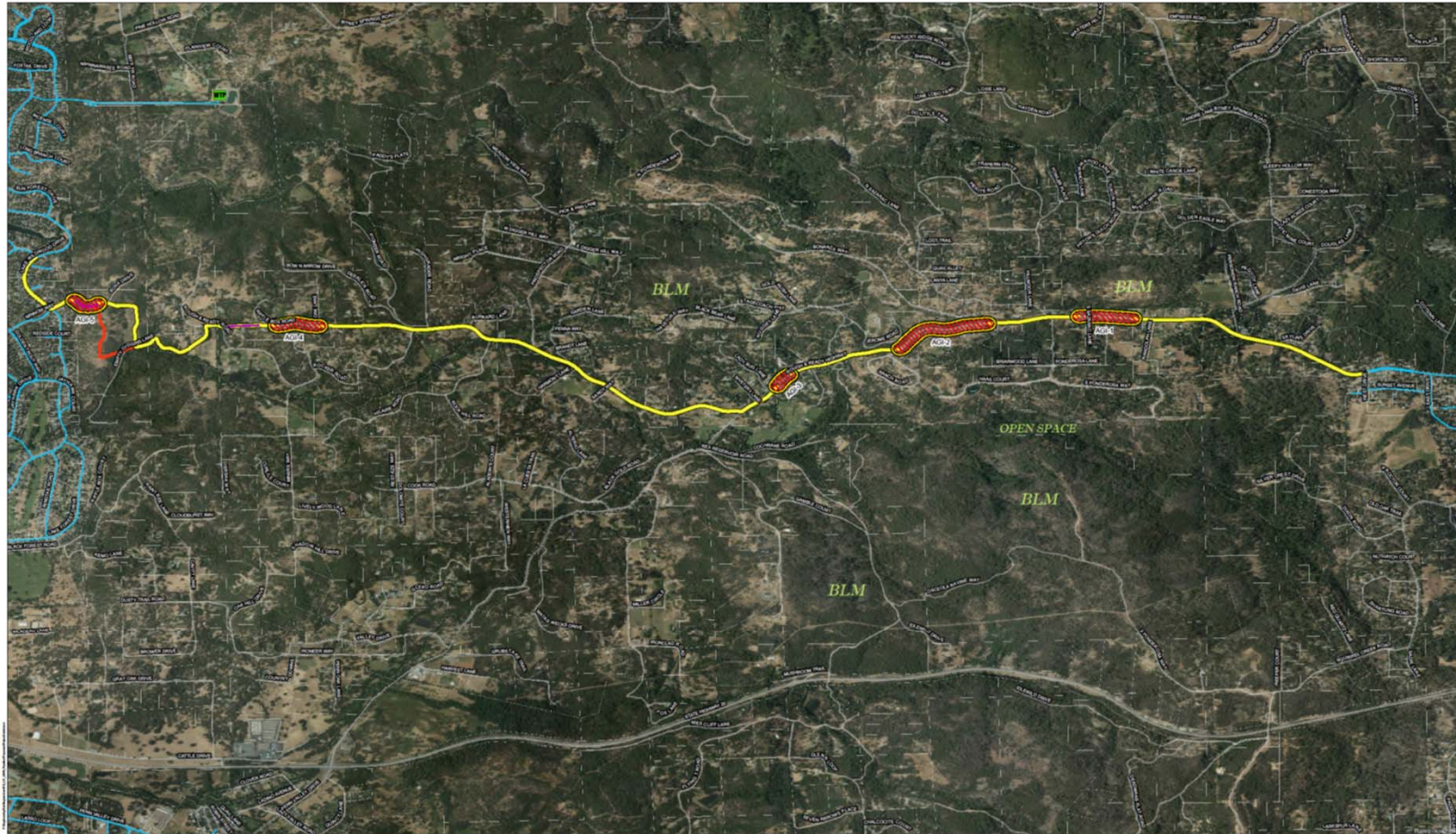


The Project is generally located along 5.6 miles of Rough and Ready Highway in Nevada County, within the existing County right-of-way/public roads of the following roadways:

- ◆ Rough and Ready Highway
 - ◆ Lake Wildwood Drive
 - ◆ Rough and Ready Road
 - ◆ Minnow Lane
- Riffle Box Road, Empty Diggins Lane and Bosa Drive are not County roads and will require easement acquisition.
 - There are two non-roadway segments: one at the west end of Riffle Box Road and one just east of Minnow Lane (along a future fire access road) that will require an easement.
 - The proposed project includes an Alternative Alignment on the western end. The Alternative Alignment is an approximately 1,500 foot-long “non-roadway” segment located southwest of the proposed project Empty Diggins Lane segment immediately east of the Lake Wildwood subdivision.



Map of Route



Map Features	
	Preferred Project Alignment - 29,838 Linear Ft
	Alternative Project Alignment (Existing Roadway) - 1,795 Linear Ft
	Non-Roadway Segment
	Above Ground Improvement Area (AGI)
	Existing NID Treated Water Pipes



Project Overview: Proposed Project



- The Project would install approximately 5.6 miles of new 16 or 20-inch underground pipe (within the roadway) depending on location for most of the alignment.
- Within Lake Wildwood Drive, it is anticipated that the new pipeline would parallel existing lines. The pipeline would normally operate at approximately 30-150 pounds per square inch (PSI) (standard pressure design for NID).
- Pipeline appurtenances would include fire hydrants (every 1,000 feet minimum), service lines and meter boxes, paddle markers, and stub outs for future water line extensions.
- Except for fire hydrants and Pressure Reducing Valve (PRV) stations, these facilities would be placed underground along the pipeline alignment in roadway or road shoulder at the adjacent property lines.
- Above Ground Improvements (AGI) associated with five proposed Pressure Reducing Valve (PRV) stations may be entirely above ground or in underground vaults (or some combination) and would require an easement or purchase outside existing County ROW.



Photos of Route



Photo 1: Intersection of Rough and Ready Highway and Bitney Springs Road facing West



Photo 2: Approx. 10144 Bonanza Way, facing West down Rough and Ready Highway



Photos of Route



Photo 3: Approx. 13128 Rough and Ready Highway, facing West



Photo 4: Riffle Box Road Facing West towards Rough and Ready Road



Project Overview: Private Roads Identified



- The District has identified private roads along the proposed alignment. These include:
 - Riffle Box Road
 - Empty Diggins
 - Bosa Drive
- A “cross-country” segment has also been identified.
- Once the CEQA process is complete, the District will engage private property owners to discuss the proposed alignment along the private property and easement acquisition.
 - Easement acquisition will allow the District to construct, operate and maintain the proposed project.
 - District easements do not give rights to other parties i.e. vehicle or trail access.
 - We will present easements to the private property owner with a draft exhibit for review and comment.
 - Our intent is to work with the private property owner to come to an agreeable solution. Our process includes review of the requested easement with the property owner, provide an evaluation of the easement by an appraiser and present of an offer to the owner. The process can take months.



Project Overview: Timeline



- CEQA – tentative schedule for presentation of adoption by the Board is August 14, 2019
- Design – currently survey is underway and we are processing data. Design work will be 2019-2020
- Geotechnical Investigation – Summer 2019
- Easement Acquisition – 2019-2020
- Construction 2019-2026
 - Release of Phase 1 for bidding is anticipated for late Fall 2019
 - Due to the budget available the project will be phased 5-7 years.



Project Overview: Notification Process



- Project documents and updates can be found at www.nidwater.com/projects
- Written correspondence
 - Notification of the phased project coming to your area will be mailed by the District
 - Notification of construction in your area will be by door hanger by the Contractor 48 hours in advance
- Water outages
 - If you have service off the treated water line and we need to temporarily interrupt it for connections, you will be notified by the District Operations Department
- Preconstruction meetings
 - At each phase of the project, the District will hold a preconstruction meeting onsite. This is an opportunity to point out roadway construction, discuss construction with the Contractor and meet the Inspector on the job.
- Project signage prior to initiation of Construction



Project Overview: Project Personnel



- Tonia M. Tabucchi Herrera, PE, Senior Engineer
 - Managing the project through design and construction
 - Main contact for concerns, questions, etc.
- Gary D. King, PE, Engineering Manager
- Onsite construction oversight by NID Inspectors
- During design you may see NID Survey staff, NID ROW staff and consultants such as NV5 onsite
- NID Operation crews



Construction: What to Expect



- Prior to construction, we will hold a preconstruction meeting. We will walk the project areas and be available for questions and concerns from residents. During this time we will photograph and video tape the road conditions. In areas that are unsafe to access by foot we will utilize a drone.
- Our contracts typically allow for 7am-7pm operation. However, we do not propose night work.
- Staging of construction equipment and materials may be along the route if the County permits. However, due to site constraints this is highly unlikely and staging will be most likely nearby.
- The goal of the design of the project is to stay within one lane for construction. This will allow us to maintain one lane of traffic. Due to the narrow road and pipe size this presents a construction challenge. We anticipate holding traffic at times up to 20 minutes.
 - A traffic control plan will be prepared by the Contractor to Caltrans and Nevada County Standards.



Construction: What to Expect



- Restoration of the site will be completed prior to acceptance of the Project by the District. Privately maintained roads will be restored with materials similar to existing.
- Prior to accepting and closing the contract with the Contractor, the District will hold a project completion meeting onsite. This is the property owners opportunity to provide feedback on the restoration in the project area.



County Coordination



- The District will work with the County during each phase to obtain an encroachment permit.
- The Contractor will be required to obtain the encroachment permit from the County prior to Construction.
- The Contractor will submit to the County a Traffic Control Plan and any other items as conditioned by the permit.



Q & A

- Any questions?