

**Howard N. Dashiell**  
**DIRECTOR OF TRANSPORTATION**

Road Commissioner  
County Engineer, RCE 42001  
County Surveyor, PLS 7148



**FUNCTIONS**

Administration & Business Services  
Airports  
Engineering  
Land Improvement  
Roads and Bridges  
Landfills

**COUNTY OF MENDOCINO**  
**DEPARTMENT OF TRANSPORTATION**  
340 LAKE MENDOCINO DRIVE  
UKIAH, CALIFORNIA 95482-9432  
VOICE (707) 463-4363 FAX (707) 463-5474

March 10, 2020

Mendocino County Board of Supervisors  
501 Low Gap Road, Room 1010  
Ukiah, CA 95482

RE: ADOPTION OF RESOLUTION AUTHORIZING THE DEPARTMENT OF TRANSPORTATION TO ADVERTISE FOR BIDS AND AWARD THE DEPARTMENT OF TRANSPORTATION CONTRACT NUMBER 200001 FOR CONSTRUCTION OF THE REDWOOD VALLEY WATER INFRASTRUCTURE RETROFIT PROJECT, AT AN ESTIMATED COST OF \$6,200,000 (REDWOOD VALLEY AREA)

Honorable Board Members:

The Mendocino County Department of Transportation (DOT) Contract Number (No.) 200001 provides for the construction of the Redwood Valley Water Infrastructure Retrofit Project on behalf of the Redwood Valley County Water District (RVCWD). The County of Mendocino has standing to obtain Redwood Fire Disaster Hazard Mitigation Grant Programs (HMGP) funding and to administer these funds to accomplish needed construction under this contract.

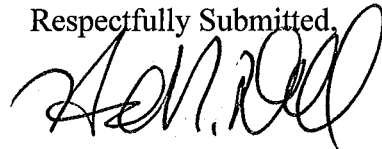
This project is attempting to mitigate seismic hazards currently threatening RVCWD infrastructure. The expected outcome is the replacement of approximately 10,577 feet of existing water main lines, installation of approximately 3,300 feet of new water main lines where necessary, and replacement of up to 146 water service lateral connections; providing current code and standards water flows and pressures to existing RVCWD customers within the 2017 fire area.

RVCWD infrastructure, if subjected to a sufficiently large seismic event, could suffer significant damage to the system. Replacing existing water main lines with modern, seismically-rated polyvinyl chloride (PVC) main lines, including restrained joint design, modern backfill procedures, and a more robust system of valves to allow for isolating portions of the water distribution system for repair, will introduce a much larger degree of resiliency to the system.

Brelje & Race Consulting Engineers under Phase 2 of BOS Agreement No. 19-004/DOT Agreement No. 180073 will perform the required construction support work for \$543,500 within the total contract not-to-exceed amount of \$1,201,500.

I will, of course, respond to any questions the Board may have.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "H. N. Dashiell", written in a cursive style.

HOWARD N. DASHIELL  
Director of Transportation

cc: DOT Project File HMGPRVWD