



# COUNTY OF HUMBOLDT

For the meeting of: 5/4/2021

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File #: 21-433

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**To:** Board of Supervisors

**From:** Public Works

**Agenda Section:** Consent

**SUBJECT:**

Storm Damage Repair to Redwood House Road (5F200) Post Mile 7.14

**RECOMMENDATION(S):**

That the Board of Supervisors:

1. Approve the attached plans and specifications for the Redwood House Road (5F200) Post Mile 7.14 Storm Damage Repair Project; and
2. Direct the Clerk of the Board to advertise the above-mentioned project as required by Section 22037 of the California Public Contract Code, with bids to be opened on Tuesday, June 8, 2021 at 2:00 p.m.

**SOURCE OF FUNDING:**

Road Fund (1200); Federal Emergency Management Agency; California Governor's Office of Emergency Services

**DISCUSSION:**

Between February 13, 2019 through February 15, 2019 and February 24, 2019 through March 1, 2019, the Federal Emergency Management Agency declared disasters for Humboldt County due to an atmospheric river which resulted in flooding and mudslides. Redwood House Road (5F200) Post Mile 7.14, located near the community of Carlotta in the central portion of Humboldt County, experienced roadway failures due to a pipe arch culvert being overwhelmed with high stormwater runoff flows in Yager Creek. Emergency temporary repairs were done at the time of the disaster to maintain essential traffic flows.

On September 2, 2020, the Humboldt County Department of Public Works ("Public Works") received approval from the Federal Emergency Management Agency to proceed with the Redwood House Road (5F200) Post Mile 7.14 Storm Damage Repair Project. Public Works prepared the attached plans and specifications based on a topographic survey prepared by Point West Surveying Company and a geotechnical study prepared by Crawford and Associates. The work proposed in the attached plans and specifications consists of removing the existing drainage facility, constructing an arch culvert on concrete grade beam, placing engineered streambed material and rock slope protection, restoring the road surface to pre-disaster conditions with aggregate base and installing sediment and erosion control

items.

Accordingly, Public Works recommends that the Board of Supervisors approve the attached plans and specifications and advertise the Redwood House Road (5F200) Post Mile 7.14 Storm Damage Repair Project.

FINANCIAL IMPACT:

There is no financial commitment until the Redwood House Road (5F200) Post Mile 7.14 Storm Damage Repair Project is awarded. This project is being funded by Federal Emergency Management Agency Disaster Funds (75%), California Governor's Office of Emergency Services funding (18.75%) and the Humboldt County Road Fund (6.25%). The engineer's cost estimate for the project is Five Hundred Thirty Thousand Three Hundred Forty Dollars (\$530,340). The Humboldt County Road Fund will be responsible for Thirty-Three Thousand One Hundred Forty-Six Dollars and Twenty-Five Cents (\$33,146.25) of the costs associated with the Redwood House Road (5F200) Post Mile 7.14 Storm Damage Repair Project.

Expenditure appropriations related to completion of the Redwood House Road (5F200) Post Mile 7.14 Storm Damage Repair Project have been included in the approved fiscal year 2020-2021 budget for Road Fund budget unit 1200-321. As a result, the Redwood House Road (5F200) Post Mile 7.14 Storm Damage Repair Project will not impact the Humboldt County General Fund.

STRATEGIC FRAMEWORK:

The recommended actions support the Board of Supervisors' Strategic Framework by providing for and maintaining infrastructure.

OTHER AGENCY INVOLVEMENT:

Federal Emergency Management Agency; California Governor's Office of Emergency Services

ALTERNATIVES TO STAFF RECOMMENDATIONS:

The Board of Supervisors may choose not to approve the attached plans and specifications for the Redwood House Road (5F200) Post Mile 7.14 Storm Damage Repair Project. However, this alternative is not recommended because the project will restore the roadway failures to pre-disaster conditions using funds that would not otherwise be available to the County of Humboldt.

ATTACHMENTS:

1. Plans and Specifications for Storm Damage Repair Redwood House Road (5F200) Post Mile 7.14, Project No. FEMA-4434 -DR-CA PW# 27; Contract Number 219303

PREVIOUS ACTION/REFERRAL:

Board Order No.: N/A  
Meeting of: N/A  
File No.: N/A

