



AGENDA REPORT

TO: Edward D. Reiskin
City Administrator

FROM: Ryan Russo
Director, OakDOT

SUBJECT: Edgewater Drive Bridges Left & Right
Replacement

DATE: June 22, 2020

City Administrator Approval

Date: July 8, 2020

RECOMMENDATION

Staff Recommends That The City Council Adopt A Resolution Authorizing The City Administrator, Or Designee, To Accept And Appropriate Federal Grants In The Amount Of One Million Four Hundred Sixteen Thousand Four Hundred Eighty Dollars (\$1,416,480.00) Under Federal Aid Projects Of Highway Bridge Program (HBP) For Preparation Of Plans, Specification And Cost Estimate (PS&E) And Environmental Studies For The Edgewater Drive Bridge Left And The Edgewater Drive Bridge Right Replacement Projects.

EXECUTIVE SUMMARY

Approval of this resolution will authorize the City Administrator, or Designee, to accept and appropriate Federal Highway Administration (FHWA) grant funds under Federal Aid Project of \$1,416,480.00 for preparation of PS&E and Environmental Studies for the Replacement Of Edgewater Drive Bridges Left & Right, which are northbound and southbound over Elmhurst Canal, 0.2 miles northwest of Ronald Way. The funding will be used for staff costs and consultant fees in the preparation of PS&E and environmental studies for the Replacement of Edgewater Drive Bridges Left and Right work as identified by Caltrans inspections. The work for this project is in Council District 7 as shown in (**Attachment A**).

BACKGROUND / LEGISLATIVE HISTORY

The California Department of Transportation (Caltrans) inspects City bridges every two to four years. The City receives copies of the inspection reports which assess structural health of the bridges and recommend needed replacements. The bridge inspection reports for Edgewater Drive Bridges Left and Right called for scour protection at the abutments and a complete replacement of both bridges was deemed a more suitable approach.

The replacement work recommended for the bridges is eligible for federal funds under Federal Aid Projects Of the Highway Bridge Program (HBP). On December 27, 2019, the City applied to Caltrans for HBP funding to start the design and environmental studies of the new bridges as recommended in the inspection reports. On February 18, 2020, Caltrans approved

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\$1,416,480.00 in funding from an HBP federal grant. The federal grant requires \$183,520.00 of local matching funds.

ANALYSIS AND POLICY ALTERNATIVES

The Caltrans Bridge Inspection Reports dated November 20, 2018 for Edgewater Drive Bridges Left and Right show that both bridges are deficient and bridge replacement deemed a more suitable approach.

After the inspection report was completed and forwarded to Oakland, staff applied for a federal grant under the HBP and received \$1,416,480.00 of Federal Cost for preparation of PS&E to Replace Edgewater Drive Bridges Left & Right. The City is required to provide a local match of \$183,520.00 which represents 11.47 percent of total design and environmental studies costs. Local match funds will be allocated from Measure B Funds 2211. The PS&E will be developed by consultants with support from city staff. The completed PS&E will then be submitted to Caltrans to request for construction funds.

FISCAL IMPACT

Approval of this resolution will allow the City Administrator, or Designee, to accept and appropriate \$1,416,480.00 of federal funds for the preparation of PS&E and perform environmental studies for the Replacement Of Edgewater Drive Bridges 33C0373 Left & Right. Funds for this phase will be distributed as in the following table.

FUNDING SOURCE	AMOUNT
Grant: Federal Highway Administration (FHWA) - Highway Bridge Program (HBP); Department of Transportation Fund (2116); Project number (TBD); CIP - Street and Structures Organization (92242); Architectural and Engineering Services account (54411); Task no. 5.0 Design; and Award nos. 23795 and 23796	\$1,416,480.00
Local Match Fiscal Year 2020-21: Measure B Fund (2211); Grant Matching Project no. 1001512; CIP- Street and Structures Organization (92242); Architectural and Engineering Services account (54411); Task no. 5.0 Design; and Award no. 23234.	\$183,520.00
TOTAL	\$1,600,000.00

PUBLIC OUTREACH / INTEREST

Since this is the design phase and there are no changes to the bridge structure and traffic flow will not be affected at this phase, public outreach efforts were not undertaken. The project will be discussed and plans will be forwarded to the Department of Public Works for their review and comments. Traffic flow will be affected temporarily during construction and the community will be notified prior to start of construction.

COORDINATION

The work to be done under this project will be coordinated with Oakland Department of Transportation (OakDOT) the Public Works Bureau of Infrastructure and Operations, and the Public Works Contracts and Compliance Division. In addition, the Office of City Attorney and the Controller's Bureau were consulted in preparation of this report.

SUSTAINABLE OPPORTUNITIES

Economic: Acceptance of grant will bring the City outside funding for the replacement of Edgewater Drive Bridges Left & Right.

Environmental: The proposed bridges replacement will restart the service life of the bridges and will reduce the environmental effects in the long run after the replacement.

Race and Equity: The proposed bridges replacement will improve safety and restart the life span of the bridges, not only for residents but also for the City of Alameda residents and visitors who use the Oakland Airport. Within Oakland this location is a High priority equity neighborhood, and it is in the Highest level of MTC Community of Concern tracts.

ACTION REQUESTED OF THE CITY COUNCIL

Staff Recommends That The City Council Adopt A Resolution Authorizing The City Administrator, Or Designee, To Accept And Appropriate Federal Grants In The Amount Of One Million Four Hundred Sixteen Thousand Four Hundred Eighty Dollars (\$1,416,480.00) Under Federal Aid Projects Of Highway Bridge Program (HBP) For Preparation Of Plans, Specification And Cost Estimate (PS&E) And Environmental Studies For The Replacement Of The Edgewater Drive Bridge Right And The Edgewater Drive Bridge Left Projects

For questions regarding this report, please contact Mohamed Alaoui, Principal Civil Engineer, at (510) 238-3469.

Respectfully submitted,



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Director
Department of Transportation

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*Attachment (1):
A: Project Location Map*