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OFFICE OF THE CITY CLERK
OAKLAND

2018 AUG 31 AM 8:46

AGENDA REPORT

TO: Sabrina B. Landreth
City Administrator

FROM: Ryan Russo
Director, OakDOT

SUBJECT: 23rd Ave and 98th Ave Bridge
Preventive Maintenance Project

DATE: July 23, 2018

City Administrator Approval

Date:

8/30/18

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 Hundred Sixty Thousand, Two Hundred And Thirty-Nine Dollars (\$160,239.00) Under Bridge Preventive Maintenance Program (BPMP) Of Highway Bridge Program (HBP) For Preparation Of Plans, Specification And Cost Estimate (PS&E) For Preventive Maintenance Of 23rd Avenue And 98th Avenue Bridges And Allocate \$20,761.00 Of Measure B For Local Matching Fund.

EXECUTIVE SUMMARY

Approval of this resolution will authorize the City Administrator, or Designee, to accept and appropriate Federal Highway Administration (FHWA) grant funds under the BPMP of the HBP in the amount of \$160,239.00 and allocate \$20,761.00 of matching funds for preparation of PS&E for repair of 23rd Avenue and 98th Avenue bridges. The funding will be used for staff costs and consultant fees in the preparation of construction documents for preventive maintenance work identified by Caltrans inspections. The work for this project is in Council District 5 and 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 repairs. The bridge inspection report for 23rd Avenue Bridge called for concrete deck crack sealing, repair of minor concrete spalls, repair of bridge railing and repair of the bridge asphalt concrete roadway approaches. The bridge inspection report for 98th Avenue bridge called for bridge deck sealing, minor concrete spall repair, replacement of expansion joints and the repair of concrete bridge columns.

The repairs recommended for both bridges are eligible for federal funds under Caltrans' BPMP program. In April 2016, the City applied to Caltrans for funding in the BPMP of the HBP to

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perform the recommended repairs. Caltrans has approved \$160,239.00 in funding from an HBP federal grant that requires \$20,761.00 of local match.

ANALYSIS AND POLICY ALTERNATIVES

The Caltrans Bridge Inspection Report for 23rd Avenue and 98th Avenue bridges calls for sealing bridge deck, repair of bridge railing, replacement of bridge expansion joints, and repair of concrete spalls on the bridge deck, beams and columns. The Report also calls for repair of asphalt concrete approaching 23rd Avenue bridge deck.

After the inspection report was completed and forwarded to Oakland, staff applied for a federal grant under the BPMP of the HBP and received \$160,239.00 for preparation of PS&E to repair 23rd Avenue and 98th Avenue bridges. The City is required to provide a local match of \$20,761.00 which represents 11.47 percent of total project cost. Local match funds will be allocated from Measure B Funds 2211, Bridge Maintenance Fund, Project No. 1000819. The PS&E will be developed by City staff with technical support from consultants. 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 \$160,239.00 for the preparation of PS&E for preventive maintenance work on 23rd Avenue and 98th Avenue bridges. HBP grant funds of \$160,239.00 will be deposited and appropriated in the Federal Highway Funds 2116, Complete Street Design Organization 35212, and a new Project Number that will be created after Council acceptance of the fund.

FUNDING SOURCE	AMOUNT
Grant: Federal Highway Administration (FHWA) – Highway Bridge Program (HBP), Bridge Preventive Maintenance Program (BPMP) Fund; Department of Transportation Fund (2116); Complete Street Planning & Design; Organization (92242); Consultant Account (54411) and Staff Salary Account (56611); Project No. 1000819	\$ 160,239.00
Matching Fund: Measure B Fund (2211); Complete Street Planning & Design Organization (92242); Consultant Account (54411) and Staff Salary Account (56611); Project No. 1000819	\$20,761.00
TOTAL	\$ 181,000.00

PUBLIC OUTREACH / INTEREST

Since there are no changes to the bridge structure and traffic flow will not be affected at this stage, 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 Public Works (OPW) Bureau of Infrastructure and Operations and 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 \$160,239.00 of outside funding for much needed preventive maintenance and repairs of 23rd Avenue and 98th Avenue bridges.

Environmental: The proposed improvements will prevent the bridge from further deterioration and increase the service life of the bridge. A new bridge would require greater resources and would have larger environmental impact.

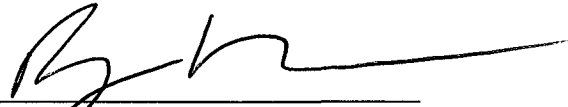
Social Equity: The proposed improvements will improve safety and increase the life span of the bridges, not only for residents but also for the City of Alameda residents and visitors who use the Oakland Airport. These bridges are in MTC Community of Concern tracts.

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 Hundred Sixty Thousand, Two Hundred And Thirty-Nine Dollars (\$160,239.00) Under Bridge Preventive Maintenance Program (BPMP) Of Highway Bridge Program (HBP) For Preparation Of Plans, Specification And Cost Estimate (PS&E) For Preventive Maintenance Of 23rd Avenue And 98th Avenue Bridges And Allocate \$20,761.00 Of Measure B For Local Matching Fund.

For questions regarding this report, please contact Si Lau, Supervising Civil Engineer, at (510) 238-6105.

Respectfully submitted,



Ryan Russo,
Director
Department of Transportation (OakDOT)

Reviewed by:
Wladimir Wlassowsky, P.E.
Interim Assistant Director
Department of Transportation (OakDOT)

Reviewed by:
Mohamed Alaoui, P.E.
Division Manager
Department of Transportation (OakDOT)

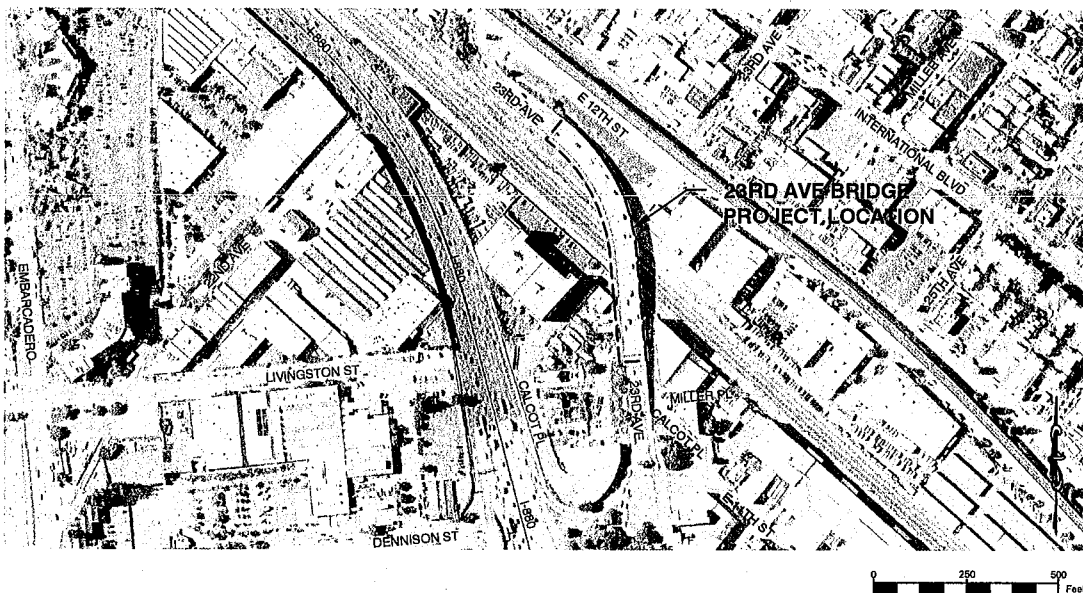
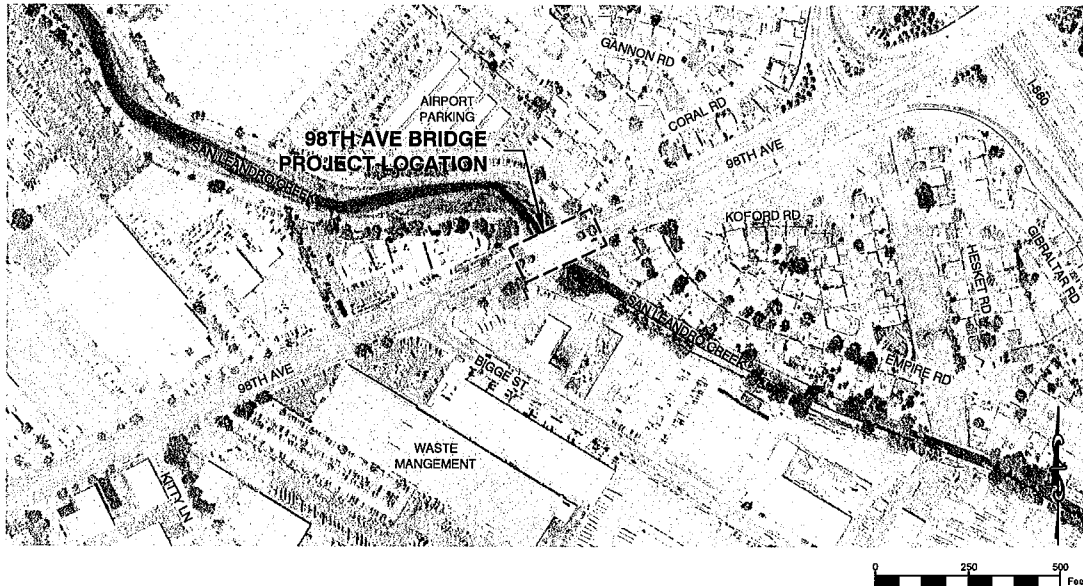
Reviewed by:
Si Lau, P.E.
Supervising Civil Engineer
Department of Transportation (OakDOT)

Prepared by:
Mohammad Barati, P.E., Civil Engineer
Great Streets Delivery,
Department of Transportation

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

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23RD AVE AND 98TH AVE BRIDGE ENGINEERING SERVICES LOCATION MAP



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OAKLAND CITY COUNCIL

DRAFT
City Attorney

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RESOLUTION NO. _____ C.M.S.

Introduced by Councilmember _____

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR, OR DESIGNEE, TO ACCEPT AND APPROPRIATE FEDERAL GRANTS IN THE AMOUNT OF ONE HUNDRED SIXTY THOUSAND, TWO HUNDRED AND THIRTY-NINE DOLLARS (\$160,239.00) UNDER BRIDGE PREVENTIVE MAINTENANCE PROGRAM (BPMP) OF HIGHWAY BRIDGE PROGRAM (HBP) FOR PREPARATION OF PLANS, SPECIFICATION AND COST ESTIMATE (PS&E) FOR PREVENTIVE MAINTENANCE OF 23RD AVENUE AND 98TH AVENUE BRIDGES AND ALLOCATE \$20,761.00 OF MEASURE B FOR LOCAL MATCHING FUND

WHEREAS, the City receives Bridge Inspection Reports for all City bridges from Caltrans every two to four years; and

WHEREAS, recent Inspection Reports on 23rd Avenue and 98th Avenue bridges called for bridge sealing, replacement of expansion joint material, repair of railing and columns, and repair of roadway approaches; and

WHEREAS, on April 16, 2016, the City applied to Caltrans for funding under Bridge preventive maintenance Program (BPMP) of federal Highway Bridge Program (HBP) for preparation of construction documents for the repair of 23rd Avenue and 98th Avenue bridges; and

WHEREAS, on February 1, 2017, the City received federal funding in the amount of \$160,100.00 to be used for preparation of the bridge repair construction documents; and

WHEREAS, the amount of \$20,761.00 local match for a federal fund shall be from Measure B Fund 2211, Complete Street Planning and Design; Organization (92242); Account (54411) and (56611) in Project No. 1000819; and be it;

WHEREAS, the total fund in the amount of \$181,000.00 will be used for staff salary and consultant investigation and recommendation for preparation of construction documents to repair the bridges; and

WHEREAS, the City Council finds and determines that the performance of this contract shall not result in the loss of employment or salary by any person having permanent status in the competitive service now, therefore, be it

RESOLVED: That the City Administrator or designee is authorized to accept and appropriate the federal grant fund in the amount of \$160,239.00 and allocate a City local match of \$20,761.00 for 23rd Avenue and 98th Avenue bridges; and

FURTHER RESOLVED: That the said federal grant funds will be deposited and appropriated in the Federal Highway Administration Fund (2116); Complete Street Planning and Design; Organization (92242); Account (54411) and (56611) in Project No. to be created; and be it

FURTHER RESOLVED: That said City local match funds are available in Measure B Fund (2211), Matching Funds for Grant Project No. 1000819, Organization (92242); Account (54411) and (56611); and be it

FURTHER RESOLVED: That the City Administrator, or Designee, is hereby authorized to accept and appropriate any future additional Federal funds, for the same project and within the budget cycle FY2019-FY2021, for construction for the 23rd Avenue and 98th Avenue bridges without going to the Council.

IN COUNCIL, OAKLAND, CALIFORNIA, _____, 20____

PASSED BY THE FOLLOWING VOTE:

AYES - BROOKS, CAMPBELL WASHINGTON, GALLO, GIBSON MCELHANEY, GUILLEN, KALB, KAPLAN, and PRESIDENT REID

NOES -

ABSENT -

ABSTENTION -

ATTEST: _____
LaTonda Simmons
City Clerk and Clerk of the Council
of the City of Oakland, California