



DATE: June 20, 2017

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT One Bay Area Grant (OBAG) 2 Local Streets and Roads Rehabilitation Funds – Resolution of Local Support

RECOMMENDATION

That Council adopts the attached resolution (Attachment II):

1. Authorizing the filing of an application for funding assigned to the Metropolitan Transportation Commission; and
2. Committing any necessary matching funds and stating the City's assurance to complete the Winton Avenue Pavement Rehabilitation Project and Main Street Complete Streets Project.

BACKGROUND

One Bay Area Grant Program

The One Bay Area Grant (OBAG) program is funded with the Metropolitan Transportation Commission's (MTC) Federal Surface Transportation Program (STP) and Congestion Mitigation and Air Quality (CMAQ) federal funding sources.

On November 18, 2015, MTC adopted the funding and policy framework for the second round of the One Bay Area Grant program. The program framework was revised on July 27, 2016 to distribute supplementary revenues and incorporate additional housing-related program elements. Known as OBAG 2 for short, the second round of OBAG funding is projected to total roughly \$916 million to fund projects from 2017-18 through 2021-22.

The OBAG 2 program is divided into a Regional Program, managed by MTC, and County Programs, managed by the nine Bay Area Congestion Management Agencies (CMAs). Alameda CTC manages the County program for Alameda County. Cities and counties can use the funds from County programs to invest in:

- Local street and road maintenance
- Streetscape enhancements
- Bicycle and pedestrian improvements
- Safe Routes to School projects
- Priority Conservation Areas (PCAs)

- Transportation planning
- PDA projects to support focused growth

Alameda CTC manages countywide calls for projects and recommended a list of projects for adoption by the Alameda CTC Commission in April 2017. Alameda CTC is programming approximately \$20 million of OBAG funds for eligible Local Streets and Roads (LSR) preservation projects, such as pavement rehabilitation within Alameda County. Hayward's share of the OBAG-LSR funds is \$1,749,800. City staff identified Winton Avenue, between Santa Clara and Hesperian Boulevard, as a pavement rehabilitation project eligible for OBAG-LSR funds.

Additionally, as part of the call for projects issued in fall 2016, Hayward applied for a competitive grant for complete streets improvement on Main Street. Alameda CTC awarded \$1,675,000 to the Main Street Complete Streets project under the OBAG Priority Development Area (PDA) Supportive projects. This project will enhance Main Street, between McKeever Street and D Street, by improving pedestrian facilities, and adding protected bicycle lanes and landscape medians to create a safe, pedestrian and bicycle friendly environment for multimodal travel in the Downtown Hayward Priority Development Area.

The total funding to be received by the City from the OBAG County program for the Winton Avenue project (\$1,749,800) and Main Street Complete Street project (\$1,675,000) is \$3,424,800. In order for the OBAG funds to be programmed, the City needs to adopt a resolution (Attachment II) authorizing the filing of an application for \$3,424,800 in funding assigned to MTC, and committing any necessary funds and stating assurance to complete the Winton Avenue Pavement Rehabilitation Project and the Main Street Complete Streets Project.

DISCUSSION

OBAG – Local Streets and Road Funding (LSR)

OBAG – LSR funding is used for improving local pavement conditions and implementing complete street elements into local streets. Hayward's automated Pavement Management System identifies projects that would have the greatest impact on pavement conditions with available funding. These projects are then prioritized based on existing pavement conditions, roadway functional classification, and surrounding land use context. The following three projects were identified by the system:

1. Winton Avenue from Santa Clara Street to Hesperian Boulevard
2. Tennyson Road from Hesperian Boulevard to Industrial Boulevard
3. Whitman Street from Jackson Street to Sycamore Avenue

Of the three identified projects, the Winton Avenue segments have the lowest Pavement Condition Index (PCI) measures of nine and twenty, respectively (as shown in Attachment III). The City's current PCI is seventy and the goal is for an average PCI of eighty. Previously, a pavement rehabilitation project completed in FY2016 improved Winton Avenue from Amador

Street to Santa Clara Street. The OBAG-LSR funded project (Santa Clara to Hesperian) and the FY2017 – FY2018 pavement rehabilitation project (Hesperian Boulevard to Clawiter Road) together would be able to complete the remaining section of Winton Avenue. This would improve a major arterial that provides a gateway into the City as well as Southland Mall, Chabot College, and the southwestern Industrial Area. Considering these factors, the Winton Avenue project from Hesperian Boulevard to Santa Clara Street was selected for OBAG funding.

The proposed project will perform pavement rehabilitation construction of curb ramps, install and upgrade streetlights, and restripe pavement markers. To satisfy the requirements of the American with Disabilities Act (ADA), accessible ramps will be installed at the curb returns and at pedestrian crossings where ramps are absent or do not conform to current standards. To improve night visibility, additional street lights will be installed and existing lights will be upgraded to higher wattage as part of the proposed project.

OBAG – PDA Supportive Funding

As part of the PDA supportive funding application, staff applied and received funding for complete street improvements on Main Street, between McKeever Street and D Street, located in Downtown Hayward PDA (Attachment IV). The project area is approximately 1,750 feet of roadway with two-lane travel in each direction.

Main Street was selected due to its location in the core downtown area, which offers a wide range of housing choices (existing and planned future), including affordable housing options, retail stores and services in close proximity to BART and other public transit services.

The proposed project will reduce the roadway from four to two lanes, add bulb-outs (curb extensions) at intersections, add protected bike lanes, improve ADA access with new curb ramps, widen sidewalks, create on-street parking opportunities that provide door zone protection for bicyclists, resurface and restripe roadways, and create an attractive, sustainable landscaping buffer along sidewalks.

Due to the competitive nature of this grant, the City offered a 30% match to the overall cost of the project, which is above the 11.47% match requirements under the OBAG grant.

FISCAL IMPACT

OBAG funding requires 11.47%. Per this requirement and to meet the total cost of the Winton Avenue Pavement Rehabilitation project, \$228,860 has been programmed in the draft 2018 CIP for design and construction.

For the Main Street Complete Streets project, \$550,000 has been allocated (\$175,000 in FY18 and \$375,000 in FY19) in the draft 2018 CIP for the design and construction phases.

SUSTAINABILITY FEATURES

Pavement treatment consists of full depth reclamation, which is an economical, in-place recycling alternative to road reconstruction. The old asphalt pavement is turned into a road base by uniformly pulverizing the full thickness of the old pavement and blending it with a portion of underlying material. This eliminates the need for off hauling and disposal of excavated materials. It promotes the reuse of existing road materials, and significantly reduces the use of fossil fuels and virgin resources, such as aggregate and asphalt.

Additionally, proposed projects will implement wider and improved sidewalks, pedestrian lighting, curb ramps, and protected bike lanes, which will provide bicyclists and pedestrians convenient and safe access, thereby encouraging active modes of transportation and reducing vehicular trips and greenhouse gas emissions.

COMPLETE STREETS

Both projects identified for OBAG funding will implement feasible improvements for all users of the facility. The Winton Avenue Pavement Rehabilitation project will improve safety and convenience for pedestrians with enhanced crosswalks, curb ramps, and pedestrian lighting.

The Main Street Complete Streets project will implement protected bike lanes, wider sidewalk, transit stop with bus shelter, curb ramps, pedestrian lighting and bulb-out which will enhance safety and convenience for all users (including non-auto users) of Main Street consistent with Hayward's adopted Complete Streets Policy.

PUBLIC CONTACT

Property owners and residents along the impacted streets will be notified prior to the beginning of work on their streets which is consistent with past practice. Additionally, for the Main Street Complete Streets Project, outreach will be done on the design elements as part of the Downtown Specific Plan.

Prepared by: Abhishek Parikh, Senior Transportation Engineer

Recommended by: Morad Fakhrai, Director of Public Works

Approved by:



Kelly McAdoo, City Manager