



STAFF REPORT

AGENDA NO:

MEETING DATE: September 4, 2018

To: Honorable Mayor and City Council

Date: September 4, 2018

From: Syed Murtuza, Director of Public Works – (650) 558-7230

Subject: Adoption of a Resolution Authorizing the City Manager to Execute a Cost-Sharing Agreement with the County of San Mateo for the Relocation of a Water Main on Airport Boulevard

RECOMMENDATION

Staff recommends that the City Council adopt the attached resolution authorizing the City Manager to execute a cost-sharing agreement with the County of San Mateo for the relocation of a water main on Airport Boulevard.

BACKGROUND

During the construction of the new Animal Shelter at 12 Airport Boulevard, the County of San Mateo encountered an existing six-inch diameter, City-owned water main in conflict with their project, and reached out to the City for its relocation. Burlingame staff reviewed their initially proposed relocation plans and determined that relocation of the 1950's-era six-inch main as proposed would negatively affect the City's water system. City staff has worked with the County to resolve the issue and identified a feasible alternative to relocate the water main outside the area of conflict. The water main will be relocated outside the proposed Animal Shelter building footprint and will be closer to Airport Boulevard, providing easier access to City staff for maintenance. The new water main will consist of a twelve-inch diameter pipeline with adequate capacity to serve the Bayfront area customers on Airport Boulevard. The County has agreed to construct the new water main with a larger size diameter pipeline as part of their project, with the condition that the City reimburse them for the construction costs minus \$25,000, which the County had previously budgeted for the relocation of an existing six-inch water main. Pending the approval of the City Council, the two agencies have been collaborating on the design details to prepare the construction plans.

In order to expedite the water main relocation and avoid delays to the Animal Shelter project construction, an engineering design was prepared by the professional engineers procured by the County in accordance with the City of Burlingame's specifications and requirements. The design has been reviewed and approved by the City of Burlingame's Public Works Department. The County's design-build contractor will competitively bid the new water main relocation work to pipeline subcontractors and will select a qualified construction firm to do the job.

DISCUSSION

The project will construct approximately 470 linear feet of a new twelve-inch diameter polyvinyl chloride (PVC) water main along Airport Boulevard. The new water main will include a new City fire hydrant, domestic irrigation, and fire service connections to the new Animal Shelter. The existing six-inch main will be abandoned in place and capped on both ends. The County will provide a ten foot access easement for the City to allow maintenance of the relocated water main.

The rough order of magnitude cost for the project is estimated to be approximately \$270,000. The County will undertake the construction, pay the contractor directly, and the City will reimburse the County for the construction costs minus the County contribution of \$25,000. Staff requests that the City Council authorize the City Manager to enter into a cost-sharing agreement with San Mateo County to reimburse them for the relocation of the water main.

FISCAL IMPACT

The rough order of magnitude cost for the project is estimated to be approximately \$270,000. There are adequate funds available in the fiscal year 2018-2019 Water Capital Improvement Program budget to cover the estimated costs.

Exhibits:

- Resolution
- Rough Order of Magnitude Cost Estimate
- Project Location Map

RESOLUTION NO. _____

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BURLINGAME AUTHORIZING
THE CITY MANAGER TO EXECUTE A COST-SHARING AGREEMENT WITH THE COUNTY
OF SAN MATEO FOR THERELOCATION OF A CITY-OWNED WATER MAIN ON AIRPORT
BOULEVARD**

WHEREAS, during the construction of a new animal shelter at 12 Airport Boulevard, the County of San Mateo encountered an existing six-inch diameter, City-owned water main in conflict with their project, and proposed its relocation; and

WHEREAS, the City of Burlingame reviewed the original plans submitted by San Mateo County and determined that relocating the 1950's era six-inch diameter main as proposed would negatively affect the City's water system; and

WHEREAS, City staff coordinated with the County and proposed a new twelve-inch water main with adequate capacity to serve the Bayfront properties on Airport Boulevard and provide additional benefits such as moving the Burlingame water infrastructure away from the proposed building and parking lot improvements, and avoiding conflict; and

WHEREAS, the rough order of magnitude of construction costs for the new twelve-inch diameter water main is preliminarily estimated to be approximately \$270,000; and

WHEREAS, the County of San Mateo has agreed to install the larger, twelve-inch water main with the condition that the City reimburse them for construction costs, minus \$25,000, which was previously set aside in their budget for relocating the six-inch main; and

WHEREAS, the preliminary design of the twelve-inch water main has been prepared by the professional engineers procured by the County in accordance with the City of Burlingame's specifications and approved by the City of Burlingame; and

WHEREAS, the County of San Mateo will competitively bid the construction work for the new water main and after construction will invoice the City of Burlingame for the construction costs minus \$25,000.

NOW, THEREFORE, BE IT RESOLVED:

1. The City of Burlingame agrees to reimburse the County of San Mateo for the construction costs associated with the installation of a twelve-inch diameter water main estimated at \$270,000.
2. The City Manager is hereby authorized to enter into and execute a cost-sharing agreement with the County of San Mateo for the construction of the water main on Airport Boulevard, and

reimburse the County of San Mateo for the construction costs minus \$25,000, for a net total of up to \$270,000.

3. City staff is hereby authorized to oversee the construction of the relocation of the City-owned water main to ensure it is built in compliance with City standards and specifications.

Mayor

I, MEAGHAN HASSEL-SHEARER, City Clerk of the City of Burlingame, do hereby certify that the foregoing Resolution was introduced at a regular meeting of the City Council held on the 4th day of September, 2018, and was adopted thereafter by the following vote:

AYES: COUNCILMEMBERS:

NOES: COUNCILMEMBERS:

ABSENT: COUNCILMEMBERS:

City Clerk

San Mateo County and City of Burlingame
Rough Order of Magnitude Cost Estimate Exhibit
New Water Main at 12 Airport Blvd
August 24, 2018

No.	Item Description	Cost
1	Design and Permitting	\$ 25,000.00
2	Labor and Materials	\$ 125,000.00
3	General Conditions and Equipment Rental	\$ 55,000.00
4	Markup and Profit	\$ 30,000.00
5	Estimate Subtotal	\$ 235,000.00
6	Construction Contingency 15%	\$ 35,250.00

Total Construction Cost (rounded to nearest \$10k)*

\$ 270,000.00

*The County of San Mateo and Burlingame understand and hereby agree that this estimate is not final, as the total costs will be unknown until the work is completed. Burlingame shall reimburse the County of San Mateo the actual cost incurred to construct the water main improvements on behalf of Burlingame.



PROJECT LOCATION MAP