[Emergency Declaration - Construct a Temporary Road Around a Landslide Area at Calaveras Road - Total Estimated Cost Not to Exceed $1,500,000]

Resolution approving an emergency declaration of the San Francisco Public Utilities Commission pursuant to Administrative Code, Section 6.60, to construct a temporary road around a landslide area at Calaveras Road; with a total estimated cost not to exceed $1,500,000.

WHEREAS, On January 10, 2017, a landslide occurred on the downslope edge of a 100-ft section of Calaveras Road in Alameda County, resulting in damage to Calaveras Road, which is the only point of access for the Calaveras Dam Replacement Project (CDRP) contractor to mobilize large equipment and materials to the construction site, necessitating the construction of a temporary road around the landslide area; and

WHEREAS, The Calaveras Dam is a critical asset for providing continuous delivery of water to the San Francisco Public Utilities Commission’s (SFPUC) 2.6 million customers in the Bay Area; inability to use this asset poses a threat to water deliveries, a basic service affecting the lives, property and welfare of the SFPUC water customers in San Francisco, San Mateo, Santa Clara and Alameda Counties; and

WHEREAS, A spillway is a critical asset for a dam as it allows for safe release of flood waters from a dam to a downstream area ensuring that there is not catastrophic dam failure; and

WHEREAS, The CDRP is being implemented to replace the existing dam with a new dam designed to withstand a magnitude 7.25 earthquake on the nearby Calaveras Fault, and the new dam’s spillway is designed to accommodate the probable maximum flood, which is the largest theoretical flood event for the watershed; and
WHEREAS, The new Calaveras Dam’s spillway cannot be used until the new dam is constructed and placed into service; and

WHEREAS, While the SFPUC is aggressively making releases of water over the course of the current wet rainy season through a new outlet pipeline and 72-inch fixed cone valve to a new stilling basin to manage the reservoir level, thereby mitigating potential dam overtopping risk in the event of an extreme flood event, the capacity of the cone valve to evacuate water from the reservoir is limited and there remains a significant threat to the SFPUC in that a potential future extreme flood event could lead to overtopping of the existing dam and catastrophic dam failure, possibly resulting in significant downstream flooding; and

WHEREAS, Any delay to constructing the temporary road around the landslide area on Calaveras Road would delay the CDRP for an additional construction season, leaving the Calaveras Dam without a spillway for an additional rainy season, thereby increasing the risk of potential dam failure in a large flood event, which represents unacceptable risk to public health and safety; and

WHEREAS, Administrative Code, Chapter 6, Article IV, Section 6.60, authorizes department heads responsible for public work to award an emergency contract, exempt from the competitive bidding process, in the event of an actual emergency, which is defined to include, “... [t]he breakdown or imminent breakdown of any plant, equipment, structure, street or public work necessitating immediate emergency repair or reconditioning to safeguard the lives or property of the citizens, or the property of the City and County, or to maintain the public health and welfare ...”; and

WHEREAS, On February 27, 2017, the SFPUC General Manager declared an emergency, approved by the President of the San Francisco Public Utilities Commission, to construct a temporary road around the landslide area on Calaveras Road so that the critical
construction work at Calaveras Dam may continue without further delay and thereby protect public health and safety; and

WHEREAS, Administrative Code, Section 6.60(d), requires that the General Manager immediately notify the Controller, and seek Board of Supervisors’ approval of emergency public works with an estimated cost in excess of $250,000; and

WHEREAS, The SFPUC General Manager estimates that the emergency work to construct a temporary road around the landslide area at Calaveras Road is not expected to exceed $1,500,000; and

WHEREAS, Because the current CDRP contractor, Dragados USA, Inc./Flatiron West, Inc./Sukut Construction, Inc. Joint Venture, is mobilized at the site and can address the majority of this emergency work expeditiously, the SFPUC anticipates that it will authorize the CDRP contractor to complete the work in an amount not to exceed $1,500,000; and

WHEREAS, The Controller has certified that funds are available for this emergency work and contract; now, therefore, be it

RESOLVED, That the Board of Supervisors approves the emergency work under Administrative Code, Section 6.60, to construct a temporary road around the landslide area at Calaveras Road; and, be it

FURTHER RESOLVED, That actions taken to date by the San Francisco Public Utilities Commission to address such emergency work and resolve the emergency condition are hereby ratified.
RECOMMENDED:

HARLAN L. KELLY, JR.
General Manager of the SFPUC

Funds Available:

BEN ROSENFIELD
Controller
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March 23, 2017 Budget and Finance Sub-Committee - RECOMMENDED

April 04, 2017 Board of Supervisors - ADOPTED
Ayes: 11 - Breed, Cohen, Farrell, Fewer, Kim, Peskin, Ronen, Safai, Sheehy, Tang and Yee

File No. 170229

I hereby certify that the foregoing Resolution was ADOPTED on 4/4/2017 by the Board of Supervisors of the City and County of San Francisco.

Angela Calvillo
Clerk of the Board

Mayor

Date Approved