

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

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

7
8 WHEREAS, On January 10, 2017, a landslide occurred on the downslope edge of a
9 100-ft section of Calaveras Road in Alameda County, resulting in damage to Calaveras Road,
10 which is the only point of access for the Calaveras Dam Replacement Project (CDRP)
11 contractor to mobilize large equipment and materials to the construction site, necessitating the
12 construction of a temporary road around the landslide area; and

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

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

21 WHEREAS, The CDRP is being implemented to replace the existing dam with a new
22 dam designed to withstand a magnitude 7.25 earthquake on the nearby Calaveras Fault, and
23 the new dam's spillway is designed to accommodate the probable maximum flood, which is
24 the largest theoretical flood event for the watershed; and

1 WHEREAS, The new Calaveras Dam’s spillway cannot be used until the new dam is
2 constructed and placed into service; and

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

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

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

22 WHEREAS, On February 27, 2017, the SFPUC General Manager declared an
23 emergency, approved by the President of the San Francisco Public Utilities Commission, to
24 construct a temporary road around the landslide area on Calaveras Road so that the critical
25

1 construction work at Calaveras Dam may continue without further delay and thereby protect
2 public health and safety; and

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

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

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

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

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

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

21
22
23
24
25

1 RECOMMENDED:

2

3

4 HARLAN L. KELLY, JR.

5 General Manager of the SFPUC

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

FUNDS AVAILABLE:

BEN ROSENFELD

Controller