



Office of the Mayor

CONSENT CALENDAR

July 24, 2018

To: Honorable Members of the City Council

From: Mayor Jesse Arreguín, Councilmember Sophie Hahn, and Councilmember Kate Harrison

Subject: Placing a Measure on the November 6, 2018 Ballot Supporting the Development of Vision 2050: A Long-Range Sustainable Infrastructure Plan

RECOMMENDATION

1. Adopt a Resolution submitting an advisory measure on the November 6, 2018 general municipal ballot supporting the development of Vision 2050 for a Resilient City, a long-range sustainable infrastructure plan; and rescinding Resolution No. 68,477-N.S.
2. Designate, by motion, specific members of the Council to file ballot measure arguments on this measure as provided for in Elections Code Section 9282(b).

BACKGROUND

The City of Berkeley is deeply committed to sustainability and addressing climate change. After overwhelming voter support for Measure G in 2006, the Berkeley Climate Action Plan (CAP) was adopted in 2009, setting the goal of reducing greenhouse gas emissions by 33% of 2000 levels by 2020, and 80% by 2050.

Building on one of the CAP's goals, to ensure Berkeley is "resilient and prepared for the impacts of global warming", the award-winning Resilience Strategy was developed. *Goal 3, Adapt to Climate Change*, includes integrating green infrastructure into street improvements, diversifying our water supply, further reducing our municipal operations water consumption through the use of drought-tolerant landscaping and technology upgrades, and integrating consideration of climate change into land use planning and development.

Despite all the work already accomplished by many of our departments that was informed by these plans, much of our infrastructure – streets, roads, sidewalks, storm drains, parks, the marina and waterfront – that is foundational to these advancements were constructed more than 70 years ago during the Works Projects Administration. Although the \$100 million-dollar Measure T1 infrastructure bond was approved by voters on November 8, 2016, and will be used to repair, renovate, replace or reconstruct aging infrastructure and facilities, our restoration needs far exceed what this bond can achieve. At the same time, we are faced with rapidly changing technologies and exponentially worsening predictions of climate change impacts.

Sea-level rise projections have increased in recent years as our understanding of mass loss from continental ice sheets have improved. By 2050, the California Natural Resources Council projects San Francisco Bay water levels will rise at least one foot. The 2017 projections by the National Oceanic and Atmospheric Administration show a Global Mean Sea Level (GMSL) likely scenario increase between 2.5 and 3.5 feet by 2100. Despite the variability of predictions that are also informed by current levels of greenhouse gas emissions, the scientific consensus is the San Francisco Bay and its eastern shoreline, which includes Berkeley, can expect changes to our built and natural environment, such as massive erosion, inundated freeway sections, and habitat destruction. Additionally, sea level rise coupled with new weather patterns, increased storm surges and intensity, and water table rise will create a greater total impact of climate induced flooding within much of our lowland community.

Restoring existing infrastructure as-is in perpetuity will not prepare our city for the many changes to come. Ultimately, we are in need of infrastructure that is resilient, adaptable, and holistically considered, including emerging technologies and new materials. Developing a long-range sustainable infrastructure plan will ensure we are truly prepared for the needs of Berkeley in the future.

#### FINANCIAL IMPLICATIONS

Cost to place measure on the November 2018 ballot. Given the potential of additional Council-sponsored measures, the City will already incur costs associated with placing measures on the ballot.

#### ENVIRONMENTAL SUSTAINABILITY

Supporting the development of a long-range sustainable infrastructure plan will further the goals set forward in the Climate Action Plan and Resiliency Strategy by responding to climate change impacts and actualizing a more resilient city.

#### CONTACT PERSON

Mayor Jesse Arreguín                      510-981-7100

#### Attachments:

1. Resolution  
    Exhibit A: Text of Advisory Measure

RESOLUTION NO. XX,XXX-N.S.

SUBMITTING TO THE BERKELEY ELECTORATE AN ADVISORY MEASURE EXPRESSING THE PEOPLE'S GOAL OF A RESILIENT CITY THAT IS PREPARED FOR CLIMATE CHANGE AND ADVISING THE MAYOR TO WORK WITH THE COMMUNITY TO DEVELOP VISION 2050, A LONG-RANGE SUSTAINABLE INFRASTRUCTURE PLAN FOR COUNCIL ADOPTION THAT GOES BEYOND CURRENT PROGRAMS TO INCLUDE CLIMATE-SMART, TECHNOLOGICALLY-ADVANCED, INTEGRATED AND EFFICIENT INFRASTRUCTURE; AND RESCINDING RESOLUTION NO. 68,477-N.S.

WHEREAS, the Berkeley City Council has elected to submit to the voters at the November 6, 2018 General Municipal Election an Advisory Measure that declares the People's desired goal of a resilient city that is prepared for climate change and advising the Mayor to work with the community to develop Vision 2050, a long-range sustainable infrastructure plan for council adoption that goes beyond current programs to modernize renew our infrastructure identifies and guides the implementation of climate-smart, technologically-advanced, integrated and efficient infrastructure to support a safe, vibrant and resilient future for Berkeley; and

WHEREAS, in accordance with the provisions of Section 10002 and 10403 of the Elections Code of the State of California, the Alameda County Board of Supervisors is requested to consolidate the City of Berkeley General Municipal Election with the Statewide General Election to be held November 6, 2018; and

WHEREAS, the City of Berkeley hereby requests that the Alameda County Board of Supervisors permit the Registrar of Voters of Alameda County to perform services in connection with said election at the request of the City Clerk. These services to include all necessary services related to official ballot creation, sample ballot and voter information pamphlet preparation, vote-by-mail, polling places, poll workers, voter registration, voting machines, canvass operations, and any and all other services necessary for the conduct of the consolidated election; and

WHEREAS, the Council desires to submit this measure to be placed upon the ballot at said consolidated election.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the Board of Supervisors of Alameda County is hereby requested to include on the ballots and sample ballots the measure enumerated above to be voted on by the voters of the qualified electors of the City of Berkeley.

BE IT FURTHER RESOLVED that the full text of the measure shall be printed in the Voter Information Pamphlet mailed to all voters in the City of Berkeley.

BE IT FURTHER RESOLVED that the above enumerated measure requires a majority vote threshold for passage.

BE IT FURTHER RESOLVED that the City Clerk is hereby directed to cause the posting, publication and printing of notices, pursuant to the requirements of the Charter of the City of Berkeley, the Government Code and the Elections Code of the State of California.

BE IT FURTHER RESOLVED that the City Clerk is hereby directed to obtain printing, supplies and services as required.

BE IT FURTHER RESOLVED that the City Clerk is hereby authorized to enter into any contracts necessary for election consulting services, temporary employment services, printing services, and any such other supplies and services as may be required by the statutes of the State of California and the Charter of the City of Berkeley for the conduct of the November General Municipal Election.

BE IT FURTHER RESOLVED that pursuant to Elections Code Section 9285 (b), the City Council hereby adopts the provisions of Elections Code Section 9285 (a) providing for the filing of rebuttal arguments for city ballot measures.

BE IT FURTHER RESOLVED that said proposed advisory measure shall appear and be printed upon the ballots to be used at said election as follows:

<b>CITY OF BERKELEY ADVISORY MEASURE</b>	
Should the <del>People of Berkeley</del> <u>all the measure</u> , <del>advising</del> the Mayor to engage citizens and experts in the development of Vision 2050, a 30-year plan to identify and guide implementation of climate-smart, technologically-advanced, integrated and efficient infrastructure to support a safe, vibrant and resilient future for Berkeley, <u>be adopted</u> ?	YES
	NO
<u>Financial Implications:</u> Unknown costs, plan dependent.	

BE IT FURTHER RESOLVED that the text of the measure be shown as Exhibit A, attached hereto and made a part hereof.

BE IT FURTHER RESOLVED that Resolution No. 68,477-N.S. is rescinded.

## RESOLUTION NO.

EXPRESSING THE PEOPLE'S GOAL OF ACHIEVING MORE RESILIENT AND CLIMATE-SMART INFRASTRUCTURE AND ADVISING THE MAYOR TO WORK WITH THE COMMUNITY TO DEVELOP VISION 2050, A 30-YEAR SUSTAINABLE INFRASTRUCTURE PLAN FOR COUNCIL ADOPTION THAT IDENTIFIES AND GUIDES THE IMPLEMENTATION OF CLIMATE-SMART, TECHNOLOGICALLY-ADVANCED, INTEGRATED AND EFFICIENT INFRASTRUCTURE—IDENTIFYING INTEGRATED, FEASIBLE AND EFFICIENT ACTIONS TO ACHIEVE A RESILIENT, SAFE AND LIVABLE CITY WITH MODERN INFRASTRUCTURE

WHEREAS, infrastructure comprises the physical assets and networks necessary to provide essential services including transportation, technology, energy, water, sewer, storm water, clean air, watersheds, and parks and waterfront; and

WHEREAS, the City of Berkeley is deeply committed to sustainability and addressing climate change; and

WHEREAS, voters overwhelmingly approved Measure G in 2006, and the Berkeley Climate Action Plan was adopted in 2009 - setting the goal of reducing greenhouse gas emissions by 33% of 2000 levels by 2020, and 80% by 2050; and

WHEREAS, the award-winning Resilience Strategy was developed in 2016, building upon one of the Climate Action Plan goals to ensure Berkeley is “resilient and prepared for the impacts of global warming”; and

WHEREAS, despite efforts and achievements informed by these plans, much of our infrastructure – streets, roads, sidewalks, storm drains, parks, the marina and waterfront – that is foundational to these advancements were constructed more than 70 years ago during the Works Projects Administration; and

WHEREAS, many cities across the United States, including Berkeley, are faced with infrastructure that is approaching the end of its useful life and in need of repair or replacement; and

WHEREAS, the American Society of Civil Engineers (ASCE) released their Infrastructure Scorecard for 2017 and gave American infrastructure a grade of D+; and

WHEREAS, although the \$100 million-dollar Measure T1 General Obligation Bond was approved by voters on November 8, 2016, and will be used to repair, renovate, replace or reconstruct aging infrastructure and facilities, our restoration needs far exceed what this bond can fund; and

WHEREAS, we are faced with rapidly changing technologies and exponentially worsening predictions of climate change impacts; and

WHEREAS, by 2050, the California Natural Resources Council projects San Francisco Bay water levels will rise at least one foot; and

WHEREAS, the scientific consensus is the San Francisco Bay and its eastern shoreline, which includes Berkeley, can expect extensive changes to our built and natural environment, such as massive erosion, inundated freeway sections, and habitat destruction; and

WHEREAS, sea level rise coupled with new weather patterns, increased storm surges and intensity, and water table rise will create a greater total impact of climate induced flooding within much of our lowland community; and

WHEREAS, in the face of these challenges we need to have infrastructure that is more sustainable and resilient; and

WHEREAS, we also have technology that is rapidly changing and infrastructure systems must be flexible and adaptable to future needs. Emerging technologies are becoming available that will affect the way we build and use our future infrastructure; and

WHEREAS, Berkeley needs integrated and long-lasting infrastructure to provide multiple benefits, and be environmentally and financially sustainable; and

WHEREAS, our community will benefit from having an integrated long-range plan that will provide a reliable and safe infrastructure system to ensure a healthy economy, public safety, and quality of life in Berkeley.

NOW THEREFORE, BE IT RESOLVED that the People of the City of Berkeley hereby establish the goal of achieving more resilient and climate-smart infrastructure.

BE IT FURTHER RESOLVED that the Mayor should work with the community to develop Vision 2050, a 30-year sustainable infrastructure plan for Council adoption that identifies and guides the implementation of climate-smart, technologically-advanced, integrated and efficient infrastructure to support a safe, vibrant and resilient future for Berkeley. ~~integrated, feasible and efficient actions by the City and residents to achieve a resilient, safe and livable city with modern infrastructure.~~