



**CITY OF ELK GROVE
CITY COUNCIL STAFF REPORT**

AGENDA TITLE: Adopt resolution authorizing the City Manager to execute agreements with the California Department of Transportation for the City of Elk Grove Community Resilience Plan

MEETING DATE: July 25, 2018

**PREPARED BY/
DEPARTMENT HEAD:** Christopher Jordan, AICP, Director of Strategic Planning and Innovation

RECOMMENDED ACTION:

Staff recommends that Council adopt a resolution authorizing the City Manager to execute agreements with the California Department of Transportation for the City of Elk Grove Community Resilience Plan.

BACKGROUND INFORMATION:

In May 2018, the California Department of Transportation (Caltrans), Division of Transportation Planning conditionally awarded \$300,000 to the City of Elk Grove for the creation of a Community Resilience Plan. A resiliency plan is a plan that identifies strategies for addressing the risks posed by, and recovering from, the impacts of chronic stresses or shocks to a community’s infrastructure. Examples include natural disasters and major and sudden economic shifts, and could be exacerbated by climate change.

Staff seeks to prepare a Community Resilience Plan to develop responses to both direct and indirect impacts on the community with a focus on local transportation systems (including public roadways, transit, bike trails, and related infrastructure). The three primary threats to be addressed through the plan are flooding, extreme heat, and the fiscal impact to the City of

declining sales tax revenue due to an anticipated shift in travel modes (i.e., reduction in driving impacting vehicle and fuel sales). The planning process will allow the City, working with the community and various stakeholders including Caltrans, SMUD, the Sacramento Air Quality Management District, and others, to create strategies to prepare for and adapt to these direct and secondary impacts of climate change.

The City of Elk Grove will carry out the project with the services of a consulting firm. A consultant will be selected through a competitive Request for Proposal process, which will be initiated in the coming weeks.

ANALYSIS:

The Community Resilience Plan will build on previous work completed as part of the City's General Plan update. As required by Senate Bill 379 and the State's 2017 General Plan Guidelines, Elk Grove's draft General Plan Update addresses climate change adaptation and resilience. As part of the update, a Vulnerability Assessment was prepared in 2017 that identifies climate-related impacts and hazards in Elk Grove, as well as the geographic areas of the City that are most at risk. The Vulnerability Assessment informed the goals and policies in the General Plan related to climate change mitigation.

The Vulnerability Assessment identified several exposures that may result in climate change effects predicted for Elk Grove and the surrounding areas. These include

- Extreme heat and heat waves
- Urban island heat effect
- Changes in precipitation patterns and reduced snow pack
- Changes in surface water flows
- Extreme storms

The Community Resilience Plan will apply the findings of the Vulnerability Assessment and the broad policies of the General Plan specifically to Elk Grove's transportation system and will highlight appropriate responses to minimize future damage to roads, rail lines, bike trails, and other similar infrastructure.

ALTERNATIVE ACTIONS

The City Council could decline to adopt the proposed resolution and/or provide further direction as appropriate. Staff recommends against declining adoption of the resolution as it could result in a loss of potential funding to the City to fund the proposed Community Resilience Plan.

FISCAL IMPACT:

The Community Resilience Plan will consider the fiscal implications of these trends and assess the potential extent of tax revenue lost. This includes the shift in auto sales and vehicle registration as may occur as people transition to electric vehicles, and other modes of transportation. This trend, combined with increased use of ridesharing technology and autonomous vehicles, may mean a lack of tax revenue from these once strong sources of income for Elk Grove.

The analysis will also describe potential changes to local tax collection that can help reduce the fiscal shock of these trends. This is a critical strategy for adapting to future economic changes related to climate change and travel mode shifts, and the City anticipates this analysis will be interesting and relevant to other mid-sized, auto-oriented jurisdictions throughout the state.

The overall project budget is \$338,900, of which \$300,000 comes from the State grant. The local match (\$38,900, or 11.47% of the total budget, as required by the grant guidelines) will be funded from the City's Strategic Planning Fund 107; these costs were anticipated in the current Fiscal Year budget.

ATTACHMENTS:

1. Resolution
2. Scope of Work

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ELK GROVE
AUTHORIZING THE CITY MANAGER TO EXECUTE AGREEMENTS WITH THE
CALIFORNIA DEPARTMENT OF TRANSPORTATION FOR
THE CITY OF ELK GROVE COMMUNITY RESILIENCE PLAN**

WHEREAS, the City is eligible to receive Federal and/or State funding for certain transportation planning related plans through the California Department of Transportation; and

WHEREAS, a Restricted Grant Agreement must be executed with the California Department of Transportation before such funds can be claimed through the Transportation Planning Grant Program; and

WHEREAS, the City of Elk Grove wishes to delegate authorization to the City Manager to execute these agreements and any amendments thereto.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Elk Grove hereby authorizes the City Manager to execute all Restricted Grant Agreements, any amendments thereto, and any related documents with the California Department of Transportation and to take all other actions reasonably necessary to implement such agreements and documents.

PASSED AND ADOPTED by the City Council of the City of Elk Grove this 25th day of July 2018.

STEVE LY, MAYOR of the
CITY OF ELK GROVE

ATTEST:

APPROVED AS TO FORM:

JASON LINDGREN, CITY CLERK

JONATHAN P. HOBBS,
CITY ATTORNEY

**CITY OF ELK GROVE MOBILITY RESILIENCE PLAN
SCOPE OF WORK**

The City of Elk Grove intends to prepare a Mobility Resilience Plan to develop detailed actions, funding strategies, and partnerships to respond and adapt to the local impacts of climate change on the transportation system. The plan will focus on three primary climate-related impacts that the City has identified as its highest priorities: flooding, extreme heat, and the fiscal impact to the City of declining sales tax revenue due to an expected reduction in driving and vehicle and fuel sales. The planning process will involve close collaboration with community organizations and other public agencies, and will tie into transportation-related climate change adaptation initiatives that are underway at the regional and state levels.

This scope of work summarizes the planning process and deliverables for the Elk Grove Mobility Resilience Plan.

RESPONSIBLE PARTIES:

The City of Elk Grove will carry out the project with the services of a consulting firm. A consultant will be selected through a competitive Request for Proposals process. City staff will ensure that the total project budget from the selected consultant does not exceed the grant request amount.

OVERALL PROJECT OBJECTIVES:

- Support and contribute to regional and state goals by focusing on adaptation to climate change of Elk Grove’s transportation network and infrastructure system
- Analyze and quantify the risks to the City and the transportation network related to the three identified priority climate change impacts.
- Identify a range of potential strategies for both mitigations and responses to the identified risks.
- Select preferred strategies for risk mitigation and responses based on input from stakeholders, City officials, and the public, and identify specific actions to implement selected strategies.
- Form a Mobility Resilience Task Force comprising key community stakeholders to oversee implementation of selected programs and actions.
- Identify potential sources of funding for adaptation programs and actions.
- Prepare a Mobility Resilience Plan summarizing risks, strategies, and actions, to be adopted by the City Council.

1. Project Initiation and Ongoing Project Management

Task 1.1 Project kick-off meeting with Caltrans staff

Task 1.2 RFP for consultant services

Task 1.3 Ongoing fiscal management and invoicing

Task 1.4 Quarterly reports to Caltrans

Task 1.5 Quarterly calls with Caltrans staff

- **Responsible Party: City staff**

Task	Deliverable
1.1	<i>Meeting notes</i>
1.2	<i>RFP for consultant services</i>
1.3	<i>Invoice packages to Caltrans Contract</i>

1.4	<i>Quarterly reports to Caltrans</i>
1.5	<i>Quarterly Calls with Caltrans Staff</i>

2. Review Background Information and Data

Task 2.1 Review relevant general background information and data about climate change impacts and risks in Elk Grove and surrounding areas. Sources to be reviewed include the Elk Grove Vulnerability Assessment (prepared for 2017 General Plan update), Sacramento County Local Hazard Mitigation Plan (2016), Cal-Adapt website, and ICARP Adaptation Clearinghouse website.

- **Responsible Party: Consultant team**

Task	Deliverable
2.1	<i>Summary of background information and data</i>

3. Gather Input from Stakeholders and the Public

Task 3.1 Form three working groups corresponding to the three areas of focus: flooding, extreme heat, and fiscal impact of loss of auto and gas sales tax revenue.

Task 3.2 Conduct public workshops to obtain input on issues to be addressed through the planning process, and on identified risks and potential actions (two community-wide workshops).

Task 3.3 Facilitate working group meetings to guide the planning process and provide input on interim work products (three meetings for each group).

- **Responsible Party: Consultant team, City staff**

Task	Deliverables
3.1	<i>Rosters of working group members</i>
3.2	<i>Summary notes from each public workshop</i>
3.3	<i>Summary notes from each working group meeting</i>

4. Analyze Risks and Identify Strategies

Task 4.1 Review applicable background data/research and existing City facilities, resources, and policies related to three identified priority impacts.

Task 4.2 Conduct analyses of the extent of expected climate change impacts on the local transportation system. (*Note on budget: A thorough technical analysis will be conducted for each of the three priority topics. This task therefore represents a significant amount of consultant team's time.*)

Task 4.3 Identify and document need for facilities, programs, and protocols to mitigate and respond to risks (e.g. infrastructure improvements for flooding and extreme heat, and alternative land uses for auto mall sites and alternative tax collection structures for loss of auto/gas sales tax revenue).

Task 4.4 Identify potential alternative strategies and actions for mitigating and responding to risks.

Please note that Tasks 4.1 through 4.4 will involve two rounds of review and input by each of the three working groups; however, the costs related to working group activities are included in the budget for Task 3.3 – Working Group Meetings.

- **Responsible Party: Consultant team, working groups, City staff**

Tasks	Deliverables
4.1 – 4.4	<i>Series of white papers summarizing risks and potential mitigation and response strategies; one white paper for each priority area of focus (flooding, extreme heat, fiscal impact of loss of auto and gas sales tax revenue)</i>

5. Evaluate Possible Resilience Strategies, Select Preferred Strategies, and Identify Actions

Task 5.1 Review potential resilience strategies, discuss feasibility and pros and cons of strategies, and determine preferred strategies.

Task 5.2 Identify actions to implement preferred strategies.

Task 5.3 Estimate funding and other resources needed to implement actions.

Please note that Tasks 5.1 and 5.2 will involve review and input by each of the three working groups; however, the costs related to working group activities are included in the budget for Task 3.3 – Working Group Meetings.

- **Responsible Party: Consultant team, working groups, City staff**

Task	Deliverables
5.1, 5.2	<i>Draft list of preferred adaptation strategies and actions</i>
5.3	<i>Preliminary estimates of funding and resources needed to implement actions</i>

6. Research Funding Sources for Identified Actions

Task 6.1 Research available sources of funding to implement the actions identified through the planning process, such as regional, state, and federal grants, private foundations, and corporate philanthropy.

- **Responsible Party: Consultant team, working groups**

Task	Deliverable
6.1	<i>Draft list of potential funding sources and eligible activities for funding, matched with corresponding actions</i>

7. Form a Mobility Resilience Task Force

Task 7.1 Recruit community, business and public agency stakeholders to participate in an ongoing Mobility Resilience Task Force. This task force would meet periodically after adoption of the Mobility Resilience Plan and would provide oversight and guidance on implementation of actions included in the plan, applications for grants to identified actions, and related matters.

Note: The working groups are intended to advise and guide development of the plan itself, while the task force would be formed to oversee implementation of the plan. It is expected that some members of the working groups would continue to serve on the Mobility Resilience Task Force.

- **Responsible Party: Working groups, City staff, consultant team**

Task	Deliverable
7.1	<i>Membership roster for Mobility Resilience Task Force, with commitments from members to serve for a minimum of one year</i>

8. Prepare Draft Mobility Resilience Plan

- Task 8.1 Prepare administrative draft of Mobility Resilience Plan for City review and comment.**
- Task 8.2 Prepare public draft of Mobility Resilience Plan to be presented at public hearing before Planning Commission.**
- Task 8.3 Planning Commission hearing**

- **Responsible Party: Consultant team, City staff, Planning Commission**

Task	Deliverables
8.1	<i>Mobility Resilience Plan – administrative draft</i>
8.2	<i>Mobility Resilience Plan – public review draft</i>
8.2	<i>Presentation for Planning Commission public hearing on draft Mobility Resilience Plan</i>
8.3	<i>Minutes from Planning Commission hearing, Planning Commission resolution</i>

9. Prepare Final Mobility Resilience Plan

- Task 9.1 Prepare final Mobility Resilience Plan for adoption at public hearing before City Council.**
- Task 9.2 City Council hearing**

- **Responsible Party: Consultant team, City staff, City Council**

Task	Deliverable
9.1	<i>Final Mobility Resilience Plan</i>
9.1	<i>Presentation for City Council public hearing on final Mobility Resilience Plan</i>
9.2	<i>Minutes from City Council hearing, Council resolution, adopted Mobility Resilience Plan</i>