



Office of the City Manager

REVISED AGENDA MATERIAL for Supplemental Packet 2

Meeting Date: November 5, 2019

Item Number: 2

Item Description: Development of a Vision Zero Action Plan

Submitted by: Phillip Harrington, Director of Public Works

Revised "Attachment 2: Draft Berkeley Vision Zero Action Items" as reviewed by the Vision Zero Task Force at the Friday, November 1, 2019 Task Force meeting.

ATTACHMENT 2

Draft Berkeley Vision Zero Actions Summary

The Vision Zero Program

1.1 COLLABORATION

With City departments, regional and community partners, and mobility providers to achieve Vision Zero goals. Continuing commitment from Berkeley elected officials.

1.2 CAPACITY

Sustainable funding and staffing to complete Vision Zero action items, including program management, infrastructure projects, and education, engagement, and enforcement

1.3 TRANSPARENCY AND EQUITY

Establish a milestone reporting schedule. Incorporate equity into data collection, analytics, engagement, and reporting.

Safer Streets for Everyone

2.1 PROJECT PLANNING AND DEVELOPMENT

Prioritize high injury streets and the most vulnerable street users.

2.2 PROJECT DESIGN

Design for vulnerable users of the transportation network, including people of all ages and abilities.

2.3 PROJECT DELIVERY

Deliver Vision Zero traffic safety infrastructure improvements both reactively and proactively

Safer Streets by Everyone

3.1 PUBLIC AWARENESS

Create a culture of traffic safety by promoting awareness through public information programs and campaigns.

3.2 ENFORCEMENT

Develop an equitable and data-driven enforcement strategy focused on the most critical safety violations contributing to fatal and severe injuries, including speeding, failure to yield, and inattentive driving.

Draft Berkeley Vision Zero Actions

The Vision Zero Program

I.1 COLLABORATION

ACTION (Lead Department):

- **Establish a standing Vision Zero Coordinating Committee** consisting of City staff, Commissioners, and partner institutions who have a role in advancing Vision Zero action items with quarterly meetings organized around a predetermined annual agenda. The Vision Zero Coordinating Committee will include members of the community, advocacy groups, or community-based organizations who have a role in advancing Vision Zero action items and as funding is available to compensate for their participation. (City Manager's Office)
- **With the Metropolitan Transportation Commission, Alameda County Transportation Commission, and Alameda County Department of Public Health, establish a peer-to-peer Bay Area Vision Zero Network** for information-sharing and collaboration on countywide and regional initiatives such as a public health analysis of collision victim hospital data. (Mayor's Office)
- **Develop a targeted, strategic Vision Zero staff training plan** to send key staff responsible for implementing the Vision Zero Action Plan, such as Public Works, Police, Health, Housing, and Community Services, and City Manager's Office and elected officials to Vision Zero-related conferences and trainings. (City Manager's Office)
- **Incorporate Vision Zero goals and actions into plan and policy updates** of all departments and partner institutions, including the upcoming City of Berkeley Zoning Ordinance update and General Plan Update, UC Berkeley's Long-Range Development Plan, the City's Strategic Plan, Departmental Priority Projects Lists, and departmental and individual staff work plans. (City Manager's Office)

I.2 CAPACITY

ACTION (Lead Department):

- **Conduct a citywide Vision Zero Action Plan assessment** of existing staffing and funding capacity to complete Vision Zero Action Items. (City Manager's Office; Public Works)
 - **Create a staffing matrix** of existing and proposed staff for the delivery of high-priority Vision Zero Action Items. New or realigned staff needs are anticipated in the areas listed below:
 - Public Works safety project team
 - Public Works Vision Zero Program support staff
 - Public Information Officers in key Vision Zero departments, including Police and Health, Housing, and Community Services
 - Berkeley Police Department Traffic Enforcement Unit and data analysis
 - Health, Housing, and Community Services Vision Zero data analysis and public awareness program

- **Establish a milestone staffing and funding schedule** to complete high-priority Vision Zero Action Items, including City and grant funds.
- **Request a Vision Zero Performance Audit** to be performed during the FY21 audit period to evaluate the implementation of the Action Plan and make any additional needed recommendations, including additional and/or realigned staffing and funding, for effective Vision Zero Action Plan implementation. Provide required 6-month updates to the City Council. (Public Works)

1.3 TRANSPARENCY AND EQUITY

ACTION (Lead Department):

- **Provide an annual Vision Zero Progress Report**, reviewed by the City Auditor, to City Council, City Department Directors, Vision Zero Coordinating Committee, and Transportation Commission, on progress on reducing fatal and severe collisions, including in historically underserved neighborhoods, and on meeting the funding, staffing, and Vision Zero program delivery schedules. Include an updated Vision Zero High-Injury Streets map. Utilize Berkeley Police Department collision data to supplement the Statewide Integrated Traffic Records System dataset to avoid lag in data availability. (Public Works)
- **Utilize Berkeley Police Department collision report data on parties involved**, such as housing status or whether parties involved are disabled, to help address equity gaps in collision data. Confirm that the Berkeley Police Department report training emphasizes consistent use of these collision report data fields. (Public Works; Police)
- **Complete a full update of the Vision Zero Action Plan every three years** to ensure continued relevancy of the Action Plan by integrating advancements in best practices and technologies. The first update will include an equity evaluation to identify gaps in safety and collision datasets and develop milestones to address inequities related to race/ethnicity, gender, people with disabilities, homelessness, language, and income, as well as assess the need to include hospital data in Vision Zero analyses and maps. (Public Works)
- **Maintain an understanding of the Berkeley community's perception of safety and personal security**. Focus direct public engagement to residents of Berkeley's historically underserved neighborhoods and other vulnerable users. (Health, Housing and Community Services)

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2.1 PROJECT PLANNING AND DEVELOPMENT

ACTION (Lead Department):

- **Develop a publicly accessible matrix and map to prioritize and track projects**. Prioritize both new/existing requests/referrals and delivery of established infrastructure project lists (e.g. Five Year Repaving Program, BeST Plan, etc) according to the Vision Zero High-Injury Streets map and equity-driven prioritization from City Council adopted plans such as the Bicycle Plan and forthcoming Pedestrian Plan. (City Manager's Office)

- **Establish a Vision Zero Rapid Response Safety Project Protocol** that utilizes data from the renamed Fatal Accident Investigation Team (FAIT) to deploy quick-build projects if engineering countermeasures would be effective at improving safety. The protocol should outline a path forward for Public Works staff to be a part of the immediate, on-the-ground response to and investigation of severe and fatal collisions. (Public Works; Police)
- **Conduct before and after studies** of a sample of Vision Zero infrastructure projects to evaluate countermeasure effectiveness. (Public Works)
- **Undertake a Standards of Coverage/Response Time Study** to provide a data-driven understanding of how safety improvements impact emergency response times. (Fire)
- **Establish a pre-approved toolbox of traffic safety infrastructure design treatments improvements** with the Vision Zero Coordinating Committee to streamline the implementation of projects. (Public Works)
- **Establish a Complete Streets Repaving and Development Project Checklist** to ensure proactive and reactive Vision Zero safety infrastructure for people of all ages and abilities are included with each repaving project and in the conditions of approval for development projects. With the Vision Zero Coordinating Committee, consider establishing an equity-driven approach to prioritizing repaving projects. (Public Works)

2.2 PROJECT DESIGN

ACTION (Lead Department):

- **Establish Vision Zero Design Guidelines that consolidate policies and design guidelines from Council-adopted plans** such as the Pedestrian Plan, Bicycle Plan, and Complete Streets Policy to guide Berkeley's street design, traffic, and parking procedures in order to prioritize safety and reduce the incidence of severe and fatal collisions. Ensure revisions and updates are reviewed by the Vision Zero Coordinating Committee to maintain accessibility for people of all ages and abilities. (Public Works)
- **Develop Curbside Management Guidelines** and incorporate them into the Vision Zero Guidelines to ensure Berkeley addresses safety concerns at the curb due to existing and emerging mobility options. (Public Works)
- **Update the Berkeley Municipal Code** to be consistent with the Vision Zero Design Guidelines. (Public Works)
- **Refine the existing traffic calming toolbox** to include design guidelines for all street types, utilizing Council-adopted plans where applicable. Ensure the traffic calming toolbox is reviewed by the Vision Zero Coordinating Committee to streamline the implementation of projects. (Public Works)

2.3 PROJECT DELIVERY

ACTION (Lead Department):

- **Proactively build already-identified capital and quick-build safety projects** on all Vision Zero High Injury Streets on a schedule to complete such projects by 2028. (Public Works)

- **Reactively build newly identified quick-build projects** at locations with recent severe and fatal collisions if engineering countermeasures could be effective at improving safety, based on Rapid Response Safety Project Protocol. (Public Works)
- **Continue to deliver traffic calming projects.** Utilize the traffic calming toolbox and evaluate requests based on an equity- and data-driven approach to implementation for both residential and Vision Zero High-Injury Streets. (Public Works)

Safer Streets by Everyone

3.1 PUBLIC AWARENESS

ACTION (Lead Department):

- **Make Vision Zero a household term.** Develop Berkeley Vision Zero branding for use on promotional and educational material. Use decals and branding on City vehicle fleet to promote Vision Zero, including on police and fire department vehicles. Use existing relationships with community-based organizations to distribute material City-wide. (Public Works)
- **Develop and proactively deliver a Vision Zero educational campaign** focused on primary collision factors for severe and fatal injuries in Berkeley, elevating victims' stories. Regularly update the campaign to ensure it is context-specific, accessible and culturally relevant. (Health, Housing, and Community Services)
- **Establish a Vision Zero Rapid Response Safety Communication Protocol.** Employ a communication strategy in response to recent severe and fatal collisions aimed at the human element of traffic safety, including health and prevention messages to the Berkeley Community. (Public Works)
- **Partner with UC Berkeley, Berkeley City College, and Berkeley Unified School District** to distribute targeted Vision Zero messaging for students. (Public Works)
- **Integrate Vision Zero traffic safety awareness and education into training for City employees** who drive City vehicles or drive while on City business, including Police, Fire, Public Works, and all City departments and divisions. (City Manager's Office)

3.2 ENFORCEMENT

ACTION (Lead Department):

- **Rename the Fatal Accident Investigation Team** to replace the word "accidents" with "collision" and include reference to near-fatal and major collisions, to acknowledge that most collisions are preventable, and to be in line with Vision Zero philosophies. (Police)
- **Continue and regularly update a collision data-driven enforcement strategy** focusing on collision reports from the renamed Fatal Accident Investigation Team (FAIT), and the High-Injury Street map, to supplement collision data from SWITRS. (Police)
- **Seek opportunities to educate before issuing citations** during traffic enforcement. (Police)
- **Develop a traffic ticket diversion program** for bicycle and pedestrian traffic tickets to promote access to bicycle and pedestrian safety courses and programs. (Police)

- **Focus traffic enforcement efforts proportionately on the top five traffic violations for severe and fatal collisions.** (Police)
- **Support state-wide traffic safety legislation** allowing automated speed enforcement by local agencies, designation of speed limits on local streets based on desired safety outcomes rather than the existing prevailing speed, and the reduction of local residential street speed limits to below 25 MPH, which would allow for 20 MPH speed limit on local residential streets, consistent with “20 Is Plenty” campaigns. (City Manager’s Office)