

# Vision Zero Capital Project Implementation

Work Plan (Version 1.0)

September 23, 2014



Department of  
**PUBLIC HEALTH**



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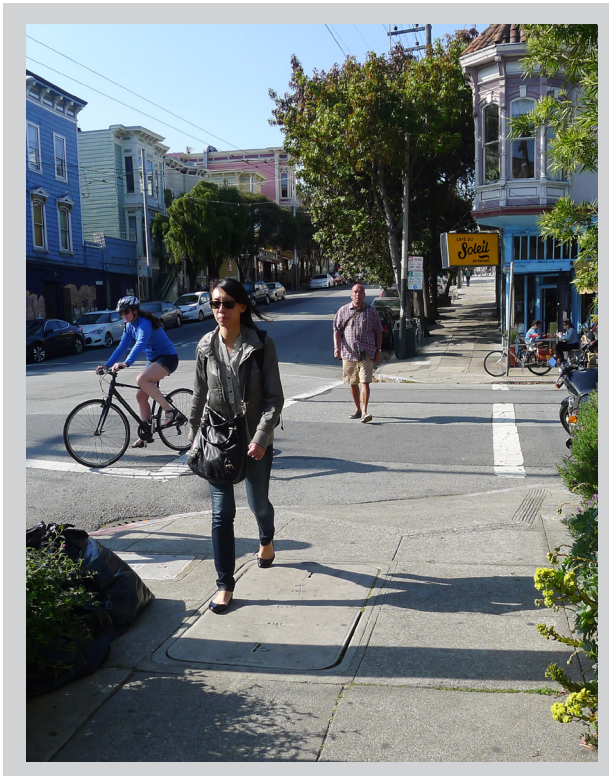
# Vision Zero Projects

San Francisco Municipal Transportation Agency  
Work Plan (Version 1.0), 9/23/14



Vision Zero is San Francisco's policy goal to eliminate traffic-related fatalities by 2024. In addition to its existing programs to improve safety for people walking, bicycling, driving and taking transit, the City has selected the engineering projects included in this report as Vision Zero priorities. This report provides draft project scopes, timelines and project costs. The SFMTA has committed to implementing at least 24 of these projects by January 2016. As of September 2014, eight of these projects have been completed.

In addition, the SFMTA is currently working with the Mayor's office, the Board of Supervisors, and community stakeholders to implement additional "Add-Back" projects throughout the city.



**Completed Vision Zero Project**  
**Vision Zero Spot Treatments**  
**Vision Zero Corridor Projects**  
**Vision Zero Areawide Project**  
**Cyclist High Injury Corridors**  
**Pedestrian High Injury Corridors**

1 Miles



# Project Details

Scope, Location, Schedule and Budget

| ID# | Project  | Details  | District | Status<br>(9/23/14) | Estimated<br>Completion | Estimated<br>Budget |
|-----|--|--|----------|---------------------|-------------------------|---------------------|
| 1   | 6th St./Howard St.                             | Temporary curb extensions, continental crosswalks, and advance limit lines   | 6        | Complete            | 4/2014                  | \$26,400            |
| 2   | Ellis St./Eddy St., from Leavenworth to Mason* | Conversion of Ellis and Eddy Streets to two-way traffic operations, including installation of pedestrian signals at Ellis/Taylor and Eddy/Taylor             | 6        | Design              | 12/2015                 | \$1,700,000         |
| 3   | Fulton St., from Laguna to Steiner             | Green wave to improve cycling conditions and slow vehicle speeds   | 5        | Complete            | 6/2014                  | \$34,000            |
| 4   | Golden Gate Ave., from Polk to Jones           | Road diet  | 6        | Pre-dev.            | 4/2017                  | \$289,400           |
| 5a  | Howard St. Near-Term A                         | Restriping for bike lane buffer from 6th to 11th Streets and adding temporary corner bulbs and continental crosswalks at target locations                    | 6        | Pre-construct.      | 11/2014                 | \$189,600           |
| 5b  | Howard St. Near-Term B                         | Road diet and bike lane buffer from 4th to 6th Streets   | 6        | Pre-dev.            | 12/2015                 | \$300,000           |
| 6   | Safer Market Street                            | Turn restrictions and transit lane extensions proposed for Market Street, from 8th to 3rd Streets  | 3, 6     | Pre-dev.            | 6/2015                  | \$2,500,000         |
| 7   | Polk St., from McAllister to Union             | Early implementation of Polk Street safety and street treatments, such as daylighting, signal re-timing, colored curbs and bicycle measures at intersections | 3, 6     | Environ.            | 4/2015                  | \$115,000           |
| 8   | Potrero Ave., from Division to Cesar Chavez*   | Streetscape project, including dedicated transit lane, sidewalk widening, buffers for existing bike lanes, and bulbs   | 9, 10    | Design              | 12/2016                 | \$4,100,000         |
| 9a  | Sunset Blvd., from MLK to Lake Merced A        | Reduction of speed limit   | 4        | Complete            | 7/2014                  | \$6,000             |
| 9b  | Sunset Blvd., from MLK to Lake Merced B        | Replacement of rapid rectangular flashing beacon with new traffic signal for pedestrian safety   | 4        | Complete            | 7/2014                  | \$266,000           |

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| 10a | Webster St., from Fulton to Sutter*     | Addition of a buffer to the bike lane  | 5        | Pre-construct.      | 8/2015                  | \$30,000            |
| 10b | Webster St., from Fulton to Sutter*     | Pedestrian bulbs at Turk/Webster   | 5        | Pre-dev.            | 8/2015                  | \$210,000           |
| 10c | Webster St., from Fulton to Sutter*     | Additional pedestrian improvements, such as temporary bulbs and daylighting, at McAllister and Post  | 5        | Pre-dev.            | 10/2015                 | \$25,300            |
| 11  | 2nd St., from Market to Mission         | Road diet and intersection treatments  | 6        | Environ.            | 4/2015                  | \$198,000           |
| 12a | Division St., at 8th/Townsend           | Bicycle intersection treatments, such as temporary bulbs, narrowing traffic lanes and daylighting, at the 8th St/Henry Adams/Townsend traffic circle       | 6, 10    | Pre-dev.            | 9/2015                  | \$200,000           |
| 12b | Division St., at 9th*                   | Bicycle and pedestrian improvements, such as a buffered cycletrack, new sidewalks, temporary bulbs and new traffic operation controls                      | 6, 10    | Legislation         | 6/2015                  | \$300,000           |
| 13  | 19th Ave., from Sloat to Junipero Serra | Signal timing changes to improve pedestrian safety   | 7        | Design              | 12/2014                 | \$46,000            |
| 14  | Columbus Ave., from Powell to Union     | Two bus bulbs implemented for improving transit and pedestrian safety  | 3        | Complete            | 9/2014                  | \$690,000           |
| 15  | Geary Blvd. at Arguello, 30th and 42nd  | Pedestrian intersection improvements, such as daylighting, continental crosswalks, and temporary bulbs   | 1, 2, 5  | Pre-dev.            | 6/2017                  | \$150,000           |
| 16  | Irving St., from Arguello to 9th*       | Pedestrian and bus bulbs, as well as a new traffic signal  | 5        | Design              | 12/2016                 | \$2,650,000         |
| 17a | Kearny St. Improvements A               | Removal of the tow-away lane on Kearny from Jackson to Washington  | 3        | Complete            | 6/2014                  | \$500               |
| 17b | Kearny St. Improvements B               | Pedestrian safety improvements, such as temporary bulbs, continental crosswalks and leading pedestrian intervals, at Kearny/Sacramento and at Kearny/Geary | 3        | Design              | 10/2015                 | \$30,250            |
| 18  | Market St., from Gough to 12th          | Raised cycletrack pilot project  | 5, 6     | Design              | 8/2015                  | \$502,700           |

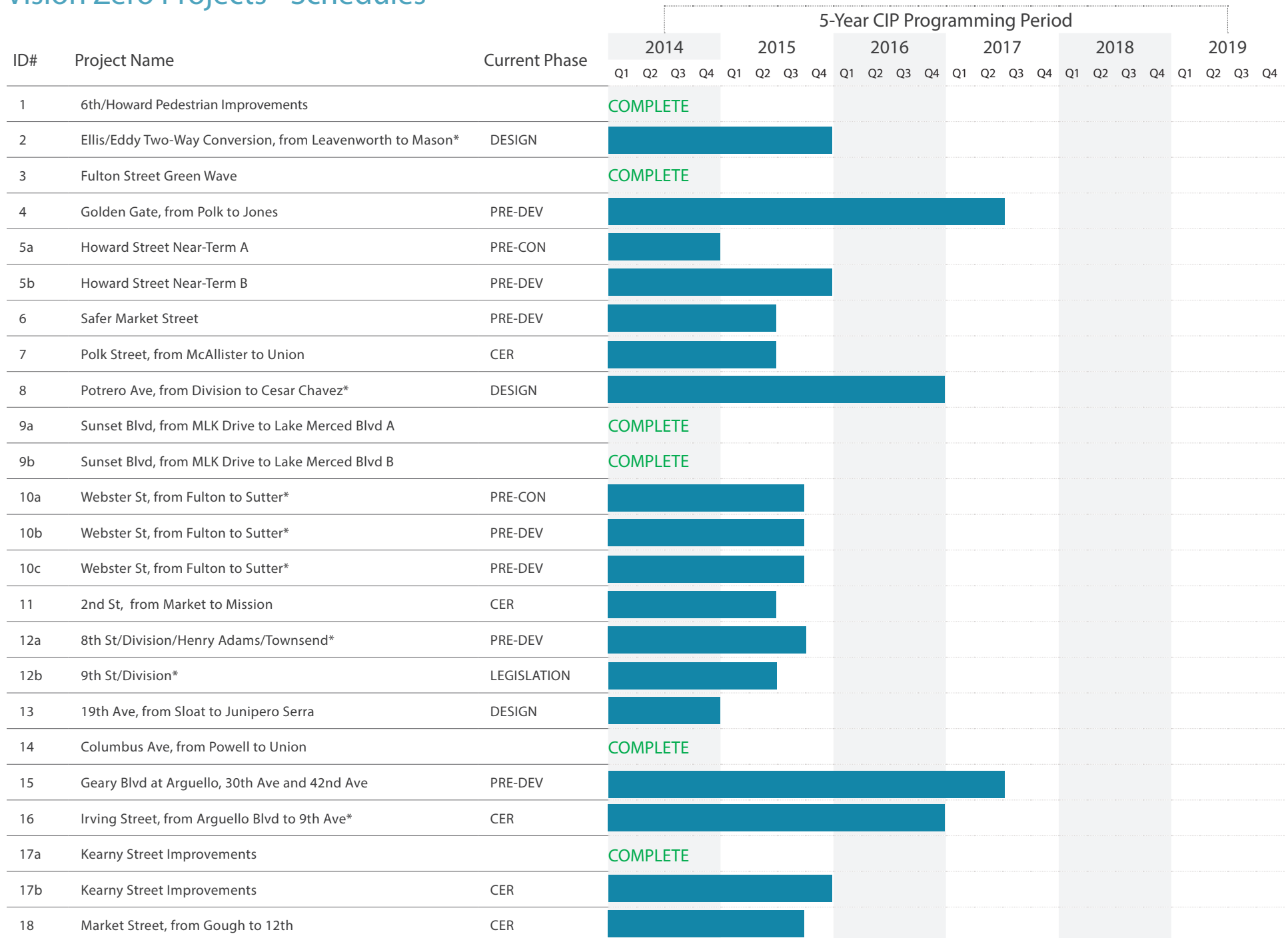
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|-----|--|--|----------|-----------------------|-------------------------|---------------------|
| 19  | Mission St., from 18th to 23rd                     | Pedestrian intersection treatments, such as daylighting and continental crosswalks   | 9        | Pre-dev.              | 6/2015                  | \$85,500            |
| 20a | Ocean Ave./Geneva Ave., from Ashton to Mission A   | Signal at Geneva/Cayuga  | 11       | Advert.<br>construct. | 6/2016                  | \$450,000           |
| 20b | Ocean Ave./Geneva Ave., from Ashton to Mission B   | Pedestrian safety treatments, such as signal timing changes, continental crosswalks and advanced limit lines at Ocean/Plymouth and Ocean/Miramar | 11       | Design                | 5/2015                  | \$33,000            |
| 21  | Sutter St., at Mason, Taylor, and Leavenworth      | Four bulbs at each intersection  | 3        | Pre-<br>construct.    | 3/2015                  | \$500,000           |
| 22  | Tenderloin Daylighting                             | Red zones at every intersection in the Tenderloin to improve visibility of pedestrians and vehicles  | 6        | Environ.              | 6/2015                  | \$150,000           |
| 23  | 5th St., from Market to Townsend                   | Green-backed sharrows  | 6        | Pre-dev.              | 6/2015                  | \$102,300           |
| 24  | Columbus Ave., Broadway to Union*                  | Bulbs at intersections of Stockton/Green, Vallejo, and Grant   | 3        | Design                | 11/2015                 | \$1,400,000         |
| 25  | 16th St./Market St.                                | Permanent bulbs  | 8        | Pre-dev.              | 12/2015                 | \$200,000           |
| 26  | Citywide signal changes (broadside)                | Signal timing changes to address the top 20 broadside injury intersections   | All      | Pre-dev.              | 2/2016                  | \$120,000           |
| 27  | Citywide signal changes (pedestrian injury)        | Signal timing changes to address the top 20 pedestrian injury locations  | All      | Pre-dev.              | 2/2016                  | \$120,000           |
| 28  | Geary Blvd./Leavenworth St. and Eddy St./Mason St. | Pedestrian intersection treatments, such as temporary bulbs, continental crosswalks, and a leading pedestrian interval                           | 6        | Pre-dev.              | 3/2016                  | \$15,300            |

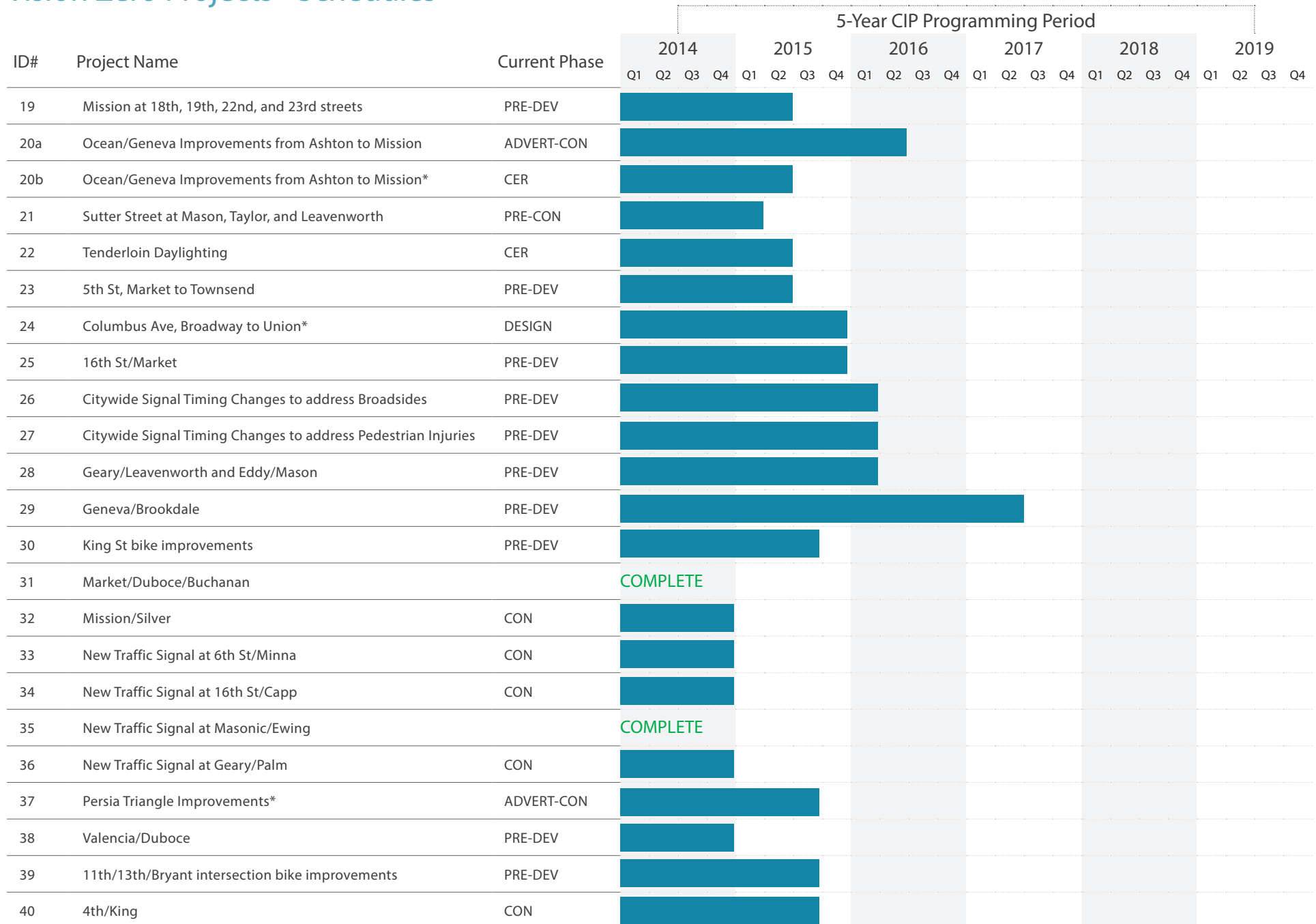
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|-------|---|---|----------|-----------------------|-------------------------|---------------------|
| 29    | Geneva Ave./Brookdale Ave.              | Pedestrian intersection improvements, such as daylighting, temporary mid-block refuge, and continental crosswalks   | 11       | Pre-dev.              | 6/2017                  | \$50,000            |
| 30    | King St. bike improvements              | Bike lane extension between 2nd and 3rd   | 6        | Pre-dev.              | 9/2015                  | \$34,000            |
| 31    | Market St. / Duboce Ave. / Buchanan St. | Bicycle intersection crossing treatments  | 8        | Complete              | 5/2014                  | \$50,000            |
| 32    | Mission St./Silver Ave.                 | Bus bulbs and left-turn pocket  | 11       | Construct.            | 12/2014                 | \$400,000           |
| 33    | 6th St. at Minna St.                    | New traffic signal  | 6        | Construct.            | 10/2014                 | \$350,000           |
| 34    | 16th St. at Capp St.                    | New traffic signal  | 9        | Construct.            | 10/2014                 | \$350,000           |
| 35    | Masonic Ave. at Ewing Terr.             | New traffic signal  | 1        | Complete              | 7/2014                  | \$350,000           |
| 36    | Geary Blvd./Palm Ave.                   | New traffic signal  | 1        | Construct.            | 10/2014                 | \$350,000           |
| 37    | Persia Triangle Improvements*           | Pedestrian intersection treatments, including bulbs and lighting, at streets bound by Mission, Persia and Ocean   | 11       | Advert.<br>construct. | 7/2015                  | \$1,450,400         |
| 38    | Valencia St./Duboce Ave.                | Variety of spot improvements, such as daylighting, vehicle turn restrictions and signal upgrades  | 8, 9     | Pre-dev.              | 12/2014                 | \$5,000             |
| 39    | 11th St./13th St./Bryant St.            | Bicycle and pedestrian intersection spot improvements, such as signal timing changes, continental crosswalks, daylighting, and providing additional bicycle guidance approaching the intersection | 6,9,10   | Pre-dev.              | 9/2015                  | \$150,000           |
| 40    | 4th St. at King St.                     | Leading pedestrian interval   | 6        | Construct.            | 9/2015                  | \$6,500             |
| TOTAL |   |   |          |                       |                         | \$21,281,150        |

## Vision Zero Projects - Schedules



## Vision Zero Projects - Schedules



## “Add-Back” Projects

The Mayor and the Board of Supervisors have directed approximately \$3.5 million to the Sustainable Streets Division of SFMTA for traffic calming and pedestrian safety improvements to be implemented in Fiscal Years 2015 and 2016. The majority of this funding has been targeted towards projects that meet Vision Zero goals. The table below shows tentative “Add-Back” projects that support Vision Zero. These projects will continue to be refined through collaboration with the SFMTA, the Mayor’s Office, and the Board of Supervisors.

### District-Specific Projects

| District        | Proposed Projects  | Available Funds    |
|-----------------|--|--------------------|
| 1               | Pedestrian Safety measures at 37th/Fulton (Speed Radar signs, if appropriate)  | \$60,000           |
| 2               | Neighborhood Traffic Calming   | \$100,000          |
| 3               | Walk First Improvements (location TBD)   | \$20,000           |
| 6               | Pedestrian and bicycle safety measures at several potential locations including: Division Street, 6th Street, Golden Gate Avenue, and Bessie Carmichael Elementary and Middle Schools. | \$950,000          |
| 7               | Neighborhood Traffic Calming   | \$415,000          |
| 8               | Pedestrian and bicycle safety projects at various locations  | \$100,000          |
| 10              | Pedestrian safety and traffic calming at various locations   | \$55,000           |
| <b>Subtotal</b> |  | <b>\$1,700,000</b> |

### City-Wide Projects

| Location        | Proposed Projects   | Available Funds    |
|-----------------|---|--------------------|
| Citywide        | Bicycle Spot Improvements at up to 24 locations citywide  | \$500,000          |
| Citywide        | WalkFirst “Quick & Effective” pedestrian safety improvements at up to 80 intersections citywide | \$830,000          |
| Citywide        | Safer Streets Educational Plan community outreach and educational materials                     | \$500,000          |
| <b>Subtotal</b> |   | <b>\$1,830,000</b> |
| <b>TOTAL</b>    |   | <b>\$3,530,000</b> |