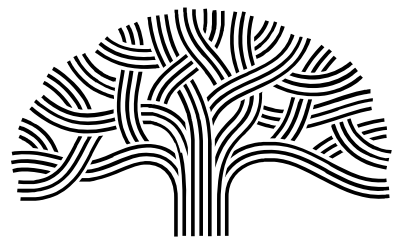


Automated Speed Enforcement

Project Update, Locations & Timeline

Craig Raphael
Speed Safety Program Project Manager
Department of Transportation (OakDOT)



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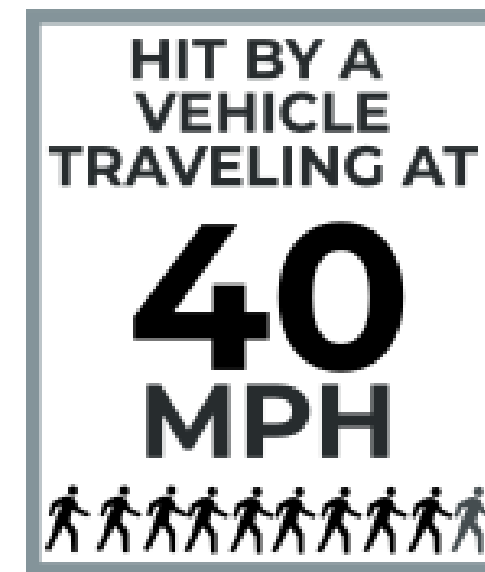
Higher speeds are more deadly

SPEEDING IS A PRIMARY FACTOR IN TRAFFIC VIOLENCE

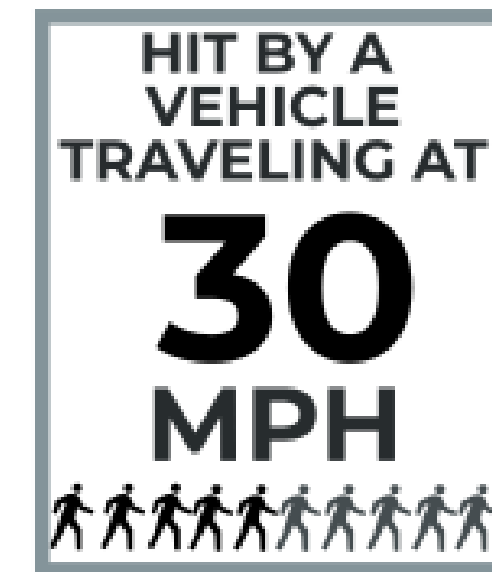


1 in 4 Oaklanders killed are involved in a crash where speed is a primary factor

SPEED IS ESPECIALLY DEADLY FOR PEDESTRIANS



9 out of 10 pedestrians are killed



5 out of 10 pedestrians are killed

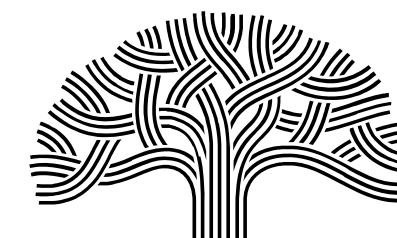


1 out of 10 pedestrians are killed

AB 645: Speed Safety Pilot Authorization

- Authorizes local departments of transportation (not police departments) in six cities to establish a speed safety program (Oakland, SF, LA, San Jose, Glendale, Long Beach)
- Establishes a 5-year pilot through 1/1/2032
- The number of cameras is limited based on the city's population: Oakland gets 18 camera systems
- Any funding generated from citations beyond cost of program operations must be reinvested into traffic calming and spent within 3 years of collection

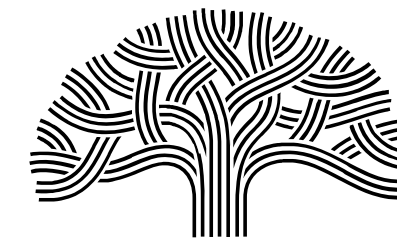
AB 645 Establishes:	
Speed Penalties	11-15 MPH over: \$50 16-25 MPH over: \$100 26+ MPH over: \$200
Type of penalty	Civil penalty (not moving violation)
Penalty Issued to	Owner of vehicle (not driver)
Warning period	First 60 days: no-fee warnings



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Equity Provisions in AB 645

- Citations are civil penalties (non-moving violations) – no impact to insurance or points on license
- Must offer a diversion program, ticket fee reductions between 50% to 80%, and payment plan options for low-income populations
- Flexibility & Warnings: 1-10 mph doesn't get a ticket; camera locations must have signs posted; 60-day warning period
- Must conduct racial and economic equity impact analysis as part of pilot program evaluation



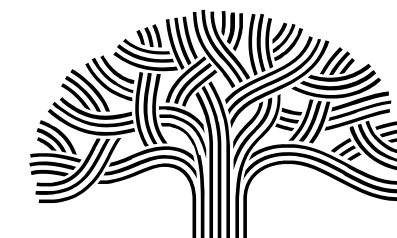
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Speed Violation Fine Structure

Speed Violation AB 645	Fine	Indigent (according to state definition)	250% above poverty level
0-10 mph	\$0	\$0	\$0
11-15 mph	\$50	\$10	\$25
16-25 mph	\$100	\$20	\$50
26 mph and over	\$200	\$40	\$100
Speed greater than 100 mph	\$500	\$100	\$250

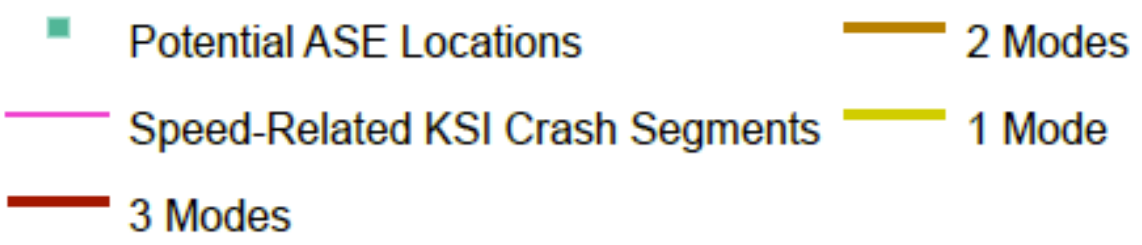
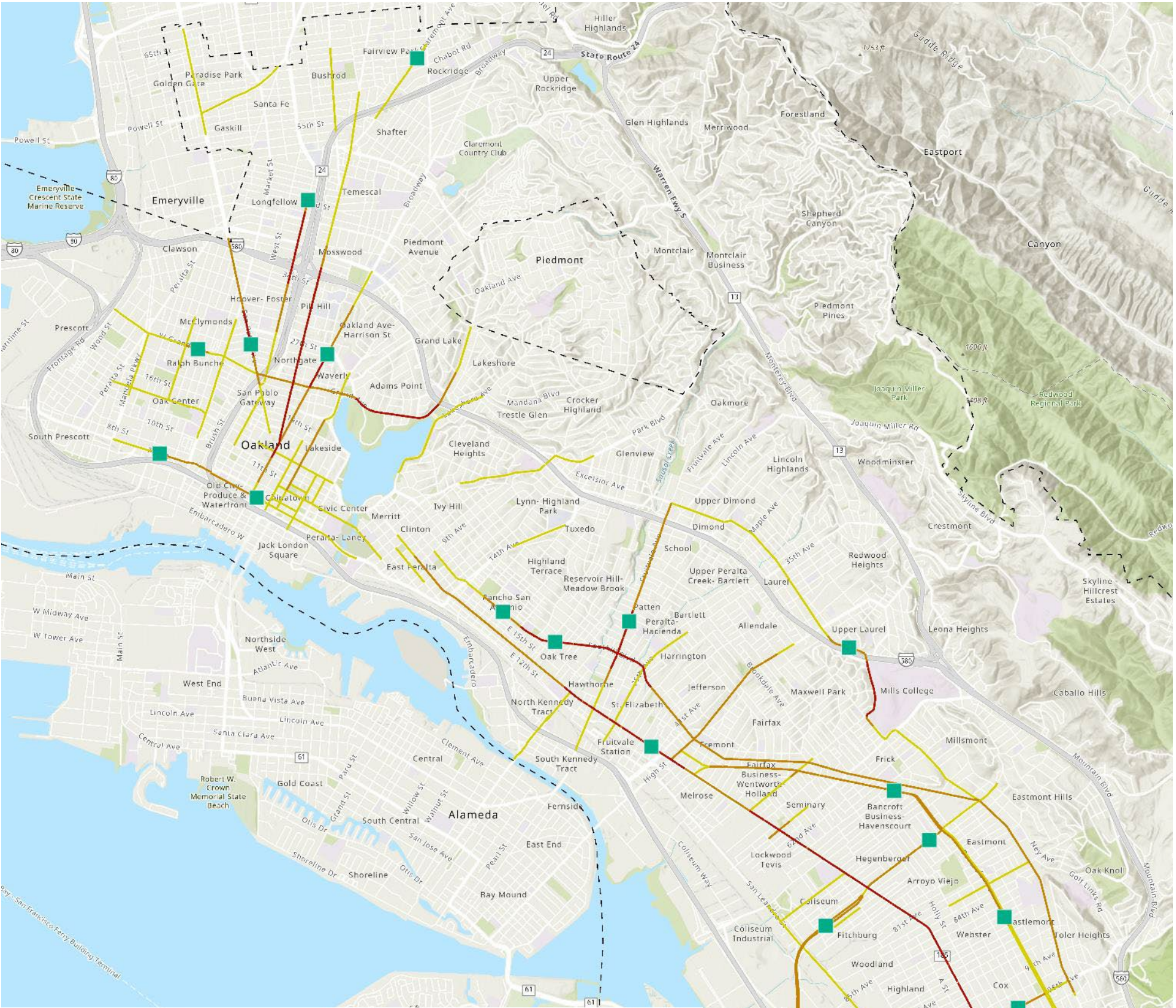
Where can the 18 Cameras Go?

State Law Specification	OakDOT's Response
Cameras shall be located on a high-injury street, a school zone street, or a street with documented speed racing	All cameras will be located on the high-injury network ; several will be adjacent to schools and in locations with speed-related collisions
Cameras cannot be located on state highways, freeways or expressways	All cameras will be located on city-owned streets (excludes freeways and segments of International and San Pablo Blvd owned by Caltrans)
Cameras should be located in areas that are “geographically and socioeconomically diverse”	Camera locations will be spread throughout Oakland , with at least 1 camera per City Council district
To keep a camera location after 18 months, there must be measurable reductions in speeding behavior	Camera locations will be prioritized in locations with vehicle speeds exceeding 10 MPH over the speed limit



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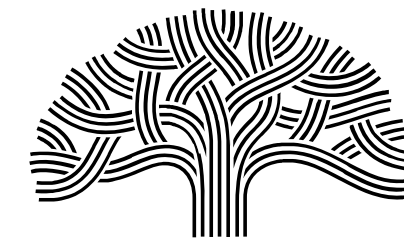
Proposed Speed Camera Locations (18) and HIN



Speed Camera Locations by Planning Area & Council District

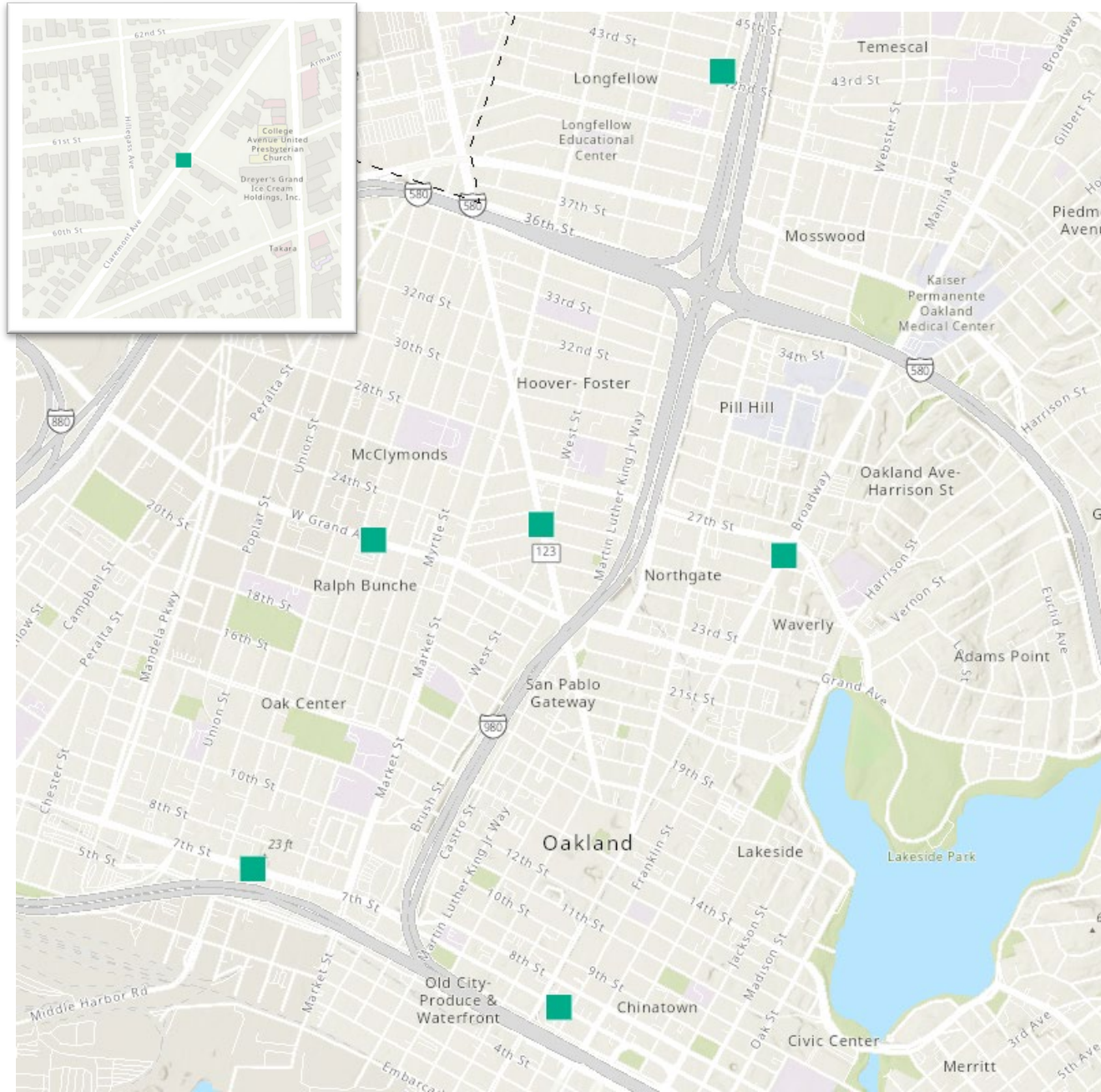
Planning Area	Number of Cameras
West Oakland	3
North Oakland/Adams Point	3
Downtown	1
Eastlake/Fruitvale	4
Glenview/Redwood Heights	1
Central East Oakland	6
East Oakland Hills	0
North Oakland Hills	0
Coliseum/Airport	0
Total	18

Council District	Number of Cameras
1	2
2	3
3	4
4	1
5	2
6	2
7	4
TOTAL	18



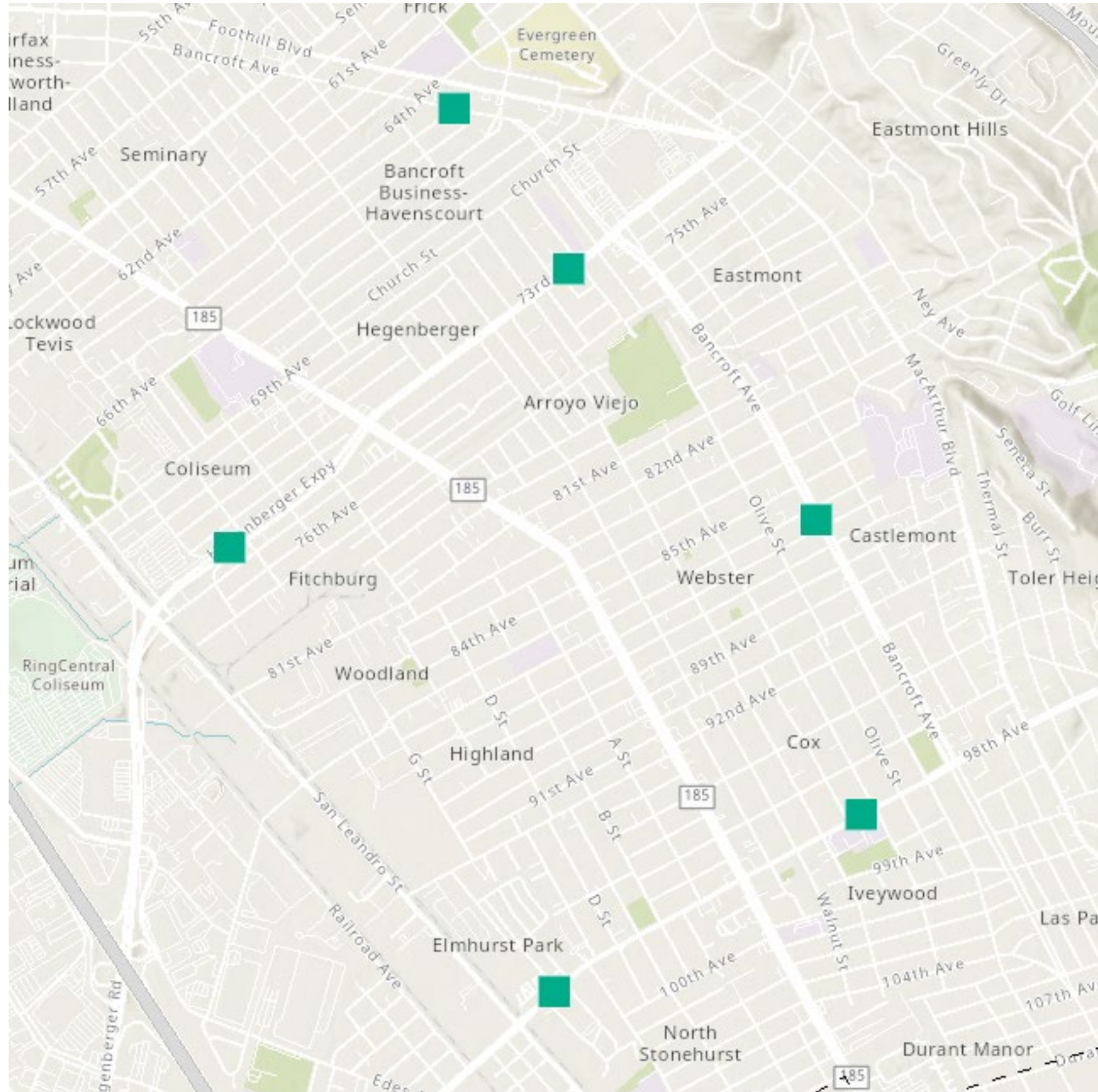
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Proposed Speed Camera Locations (Downtown, West and North Oakland)



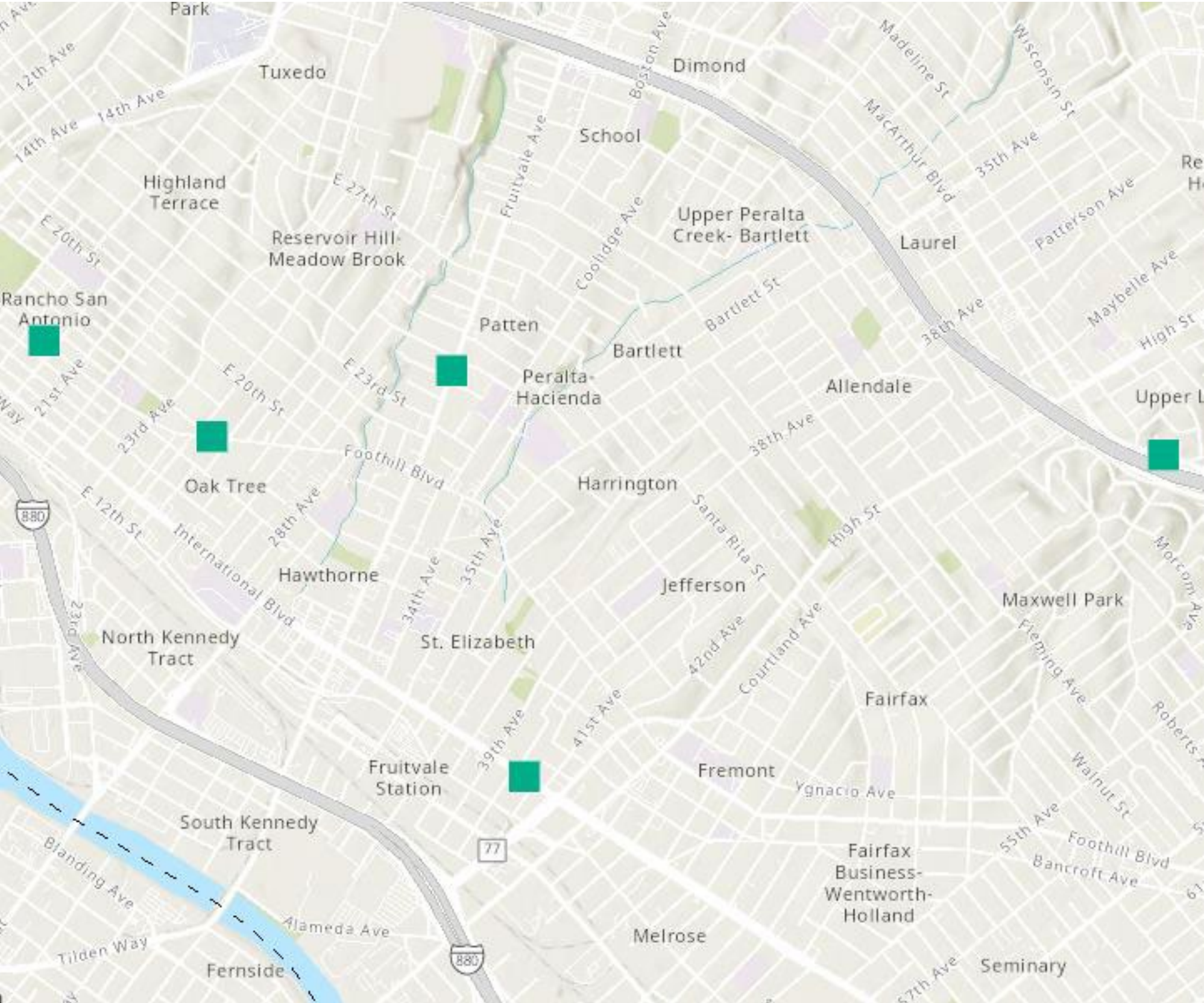
Location (Main Street)	Location (Cross Streets)	Speed Limit	85th Percentile Speed	Number of Daily Vehicles >10 MPH Over Posted Limit	% of Daily Vehicles > 10 MPH Over Posted Limit	Additional Reasoning for ASE
MLK Jr. Way	Between 42nd and 43rd	30 MPH	37 MPH	540	7.43%	High observed speeds with two travel lanes in each direction; uncontrolled crosswalks
Claremont Avenue	Between Hillegass Avenue and College Avenue	30 MPH	37 MPH	636	5.8%	Vehicles speeding to and from SR 24; new addition (2024) to High Injury Network
West Grand Avenue	Between Chestnut and Linden	30 MPH	39 MPH	1538	11.7%	High observed speeds from vehicles traveling to and from freeways; preschool on block
San Pablo Avenue	Between Athens and Sycamore	25 MPH	32 MPH	585	6.72%	Concentration of speed related injury collisions; uncontrolled crosswalks
Broadway	Between 26th and 27th St	20 MPH	27 MPH	1136	9.20%	Concentration of speed related injury collisions; concentration of pedestrians on Broadway commercial corridor
7th Street	Between Adeline St and Linden St	30 MPH	39 MPH	1760	14.6%	Speeding from vehicles traveling to and from freeways; uncontrolled crossings; proximity to As-Salam Mosque
7th Street	Between Broadway and Franklin Streets	20 MPH	27 MPH	662	5.2%	Concentration of seniors, children, pedestrians in Chinatown

Shortlist Speed Camera Locations (East/Deep East Oakland)



Location (Main Street)	Location (Cross Streets)	Speed Limit	85th Percentile Speed	Number of Daily Vehicles >10 MPH Over Posted Limit	% of Daily Vehicles > 10 MPH Over Posted Limit	Additional Reasoning for ASE
Bancroft Avenue	Between 65th and 66th	30 MPH	34 MPH	266	2.90%	Uncontrolled crosswalks; proximity to schools, churches
73rd Avenue	Between Fresno and Krause	35 MPH	41 MPH	1514	6.2%	High observed speed from vehicles adjacent to Markham Elementary and Eastmont Transit Center
Hegenberger Road	Between Spencer and Hawley	40 MPH	57 MPH	10029	43%	Freeway-like segment with four travel lanes in each direction; proximity to speed-related injury collisions
Bancroft Avenue	Between 86th Ave and Auseon Ave	30 MPH	38 MPH	1247	8.10%	Uncontrolled crosswalks; proximity to schools, churches
98th Avenue	Between Blake Drive and Gould Street	30 MPH	37 MPH	1340	6.6%	Proximity to speed related injury collisions; speeding observed from vehicles traveling to and from I-880
98th Avenue	Between Cherry and Birch	30 MPH	34 MPH	469	3.10%	Adjacent to Elmhurst United Middle School; proximity to speed related injury collisions

Proposed Speed Camera Locations (Fruitvale, San Antonio, Laurel)



Location (Main Street)	Location (Cross Streets)	Speed Limit	85th Percentile Speed	Number of Daily Vehicles >10 MPH Over Posted Limit	% of Daily Vehicles >10 MPH Over Posted Limit	Additional Reasoning for ASE
Foothill Boulevard	Between 19th and 20th	30 MPH	33 MPH	203	2.8%	Proximity to speed related collisions; uncontrolled crosswalks; proximity to San Antonio Recreation Area
Foothill Boulevard	Between Irving and 24th	25 MPH	29 MPH	252	2.87%	Proximity to speed related collisions; uncontrolled crosswalks
Fruitvale Avenue	Between Galindo Street and Logan Street	25 MPH	30 MPH	458	3.60%	Uncontrolled crosswalks; proximity to schools, churches
International Boulevard	Between 40th and 41st	25 MPH	29 MPH	767	4.9%	High observed speeding from vehicles illegally using the transit lane; concentration of speed-related injury collisions; upcoming capital project
MacArthur Boulevard	Between Green Acre Road and Enos Ave	30 MPH	38 MPH	667	8.0%	High observed speeds from vehicles traveling to and from I-580; long section of MacArthur without a traffic signal



Timeline



THANK YOU! LEARN MORE:

[OAKLANDCA.GOV/speedcameras](https://oaklandca.gov/speedcameras)

SpeedCameras@oaklandca.gov