

Attachment A: 2021 and 2022 Engineering Safety Improvements

Improvement Type	Subtype	Quantity	Location	Scope of Enhancements	Construction Start	HIN	Priority Neighborhood
2021 Safety Improvements							
Capital	Complete Streets	1	69th Ave (International Blvd to Hamilton St)	Pedestrian lighting	2021	No	Highest
Capital	Complete Streets	1	Telegraph (29th to MacArthur)	road diet, high visibility crosswalks, bus boarding islands	2021	Yes	Medium
Capital	Complete Streets	1	7th Street (Wood to Peralta)	ped lighting, landscaping, bike lanes, sidewalk widening, paving, curb ramps, bulb-outs, intersection improvements	2021	No	High
Capital	Complete Streets	1	International Blvd (11th Ave to 38th Ave)	Ped improvements, lighting	2021	Yes	High
Capital	Complete Streets	1	Macarthur (High St to Richards Rd)	multi-use path, New sidewalk, traffic signal improvements (new poles, LPIs, high visibility crosswalks), Pedestrian lighting	2021	No	Medium
Capital	Essential Places	1	14TH ST (Market to Filbert)	Upgraded temporary Essential Places treatment and Installed concrete bulbouts	2021	Yes	Highest
Capital	Essential Places	1	Bancroft (Avenal Ave to Church St)	Installed concrete safety islands in coordination with paving	2021	No	Highest
Capital	Paving	1	23rd Ave (E.12th to E.31st)	curb ramps, continental crosswalks, controlled approach	2021	Yes*	Highest
Capital	Paving	1	Park Blvd (E.18th St to McKinley)	ped refuge islands, bike lanes, road diet, high visibility crosswalks, curb ramps	2021	Yes	Medium
Capital	Paving	1	West St (W. Grand to 52nd St)	buffered bike lanes, upgrade curb ramps, pave street, high visibility crosswalks, protected intersections, pedestrian safety islands, speed cushions, raised intersections	2021	Yes	Highest
Capital	Paving	1	E.18TH ST/Park Blvd (Lakeshore to E.34th St)	pave and change roadway striping	2021	Yes	High
Capital	Paving	1	Macarthur St (Boston Ave to Coolidge Ave)	restriped existing bike lanes, high-visibility crosswalks	2021	No	High
Capital	Paving	1	Macarthur Blvd (82nd Ave to 73rd Ave)	ped refuge islands, road diet, high viz crosswalks	2021	Yes	Highest
Capital	Traffic Capital Projects	1	Market St (4th St and 7th St to 18th St and 19th St)-HSIP 7	Crosswalk enhancements- RRFBs, traffic signal upgrade, ladder striping, raised bulb-outs, raised median refuge	2021	Yes	Highest
Capital	Traffic Capital Projects	1	35th Ave (San Leandro to Sutter)	intersection and signal upgrades plus signing and striping, speed cushions, RRFBs, PHBs and high visibility crosswalks	2021	Yes	Highest
Capital	Traffic Safety Requests	1	Bancroft Ave. (High St to 98th Ave)	high visibility crosswalks, RRFBs, PHBs and signal modifications	2021	Yes*	Highest
Capital	Traffic Capital Projects	1	Fruitvale (International to Foothill)	Road diet, RRFBs and signal modifications	2021	Yes	Highest
Capital	Traffic Capital Projects	1	Caldecott Lane (Tunnel Road to end)	Bike lanes, concrete sidewalk, ADA ramps, signal modifications	2021	No	Lowest
Capital	Traffic Capital Projects	1	Fruitvale Ave (E.12th to E.22nd)	Road diet, RRFBs, pedestrian activated crosswalk	2021	Yes	High
Capital	Traffic Capital Projects	1	Shattuck Ave at 49th, 51st, 59th, and Alcatraz Ave.	Install protected left turns	2021	Yes	Low
Capital	Traffic Capital Projects	1	Claremont Ave (Telegraph Ave to Clifton St)	New bike lanes and lane reduction; installing uncontrolled crosswalk enhancements with ladder crosswalks; installing Rectangular Rapid Flash Beacons (RRFB); constructing sidewalk bulb-outs to shorten intersection crossings for pedestrians; installing ADA-compliant curb ramps; constructing median refuges at multiple locations	2021	No	Low
Capital	Traffic Capital Projects	1	College Ave (Broadway to Alcatraz)	Intersection safety improvements, bike lanes, bulbouts, upgraded traffic signal	2021	No	Lowest
Near Term	Restriping	1	West Macarthur (San Pablo to Market St)	new buffered bike lanes	2021	No	Medium
Near Term	Restriping	1	Washington St (2nd St to 7th St)	added buffers to existing basic bike lanes, high-visibility crosswalks	2021	No	N/A
Near Term	Council Earmark & Capital	1	Ney Ave (73rd to 82nd and MacArthur to Outlook)	Quick-build and Capital traffic calming	2021	No	Low
Near Term	Essential Places	1	San Pablo (31st St-32nd St)	Cone lane closure maintenance, bulbout, pending further improvements	2021	Yes	High

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Near Term	Essential Places	1	18th St (Adeline St to Poplar St)	Hardened centerlines installed	2021	Yes	Highest
Near Term	Rapid Response	1	Bancroft Ave and 100th Ave	Pedestrian warning signage and daylighting	2021	Yes	Highest
Near Term	Rapid Response	1	Park Blvd near E 38th	Lane drop	2021	Yes	Lowest
Near Term	Rapid Response	1	Grand Ave and Sunnyslope Ave	Paint and post high visibility pedestrian warning sign	2021	Yes	Lowest
Near Term	Rapid Response	1	E. 12th and 2nd Ave	Hardened centerline, "left turn yield to ped" sign	2021	Yes	Medium
Near Term	School Safety	1	Markham Elementary School	Traffic safety striping and signage	2021	Yes	Highest
Near Term	School Safety	11	Safe Routes to School Crosswalks	Marked/Upgraded school crosswalks at 11 intersections in the weeks before school started	2021	No*	Highest*
Near Term	Sideshow Prevention	1	MacArthur and 35th Ave	Sideshow deterrance/traffic calming- hardened centerlines and potentially Botts' Dots	2021	Yes	High
Near Term	Sideshow Prevention	1	Foothill and Fairfax	Sideshow deterrance/traffic calming- hardened centerlines and potentially Botts' Dots	2021	Yes	Highest
Near Term	Sideshow Prevention	1	MacArthur and High St	Sideshow deterrance/traffic calming- hardened centerlines and potentially Botts' Dots	2021	Yes	Medium
Near Term	Signal Timing	36	Leading Pedestrian Intervals	36 implemented	2021	Yes*	High*
Near Term	Speed Bumps	24	Citywide	24 Speed bumps installed	2021	N/A	N/A
Near Term	Traffic Safety Requests	132	Traffic Safety Service Requests	Misc. small projects (striping, signs, painting, etc)	2021	N/A	N/A
TOTAL 2021 Improvements		238					
TOTAL number of improvements with locations mapped		82					
TOTAL on HIN (of mapped improvements)		60					
Total in High and Highest Priority Communities (of mapped improvements)		68					
2022 Safety Improvements							
Capital	Complete Streets	1	20th Street (Broadway to Harrison)	Class II and Class 4, Traffic Signal modifications, landscaped median, widened sidewalks, crosswalk upgrade	2022	Yes	Highest
Capital	Complete Streets	1	Telegraph (20th to 42nd)	Road Diet, class 4 raised buffer bike lanes, bus transit island intersection, protected bike intersections and signal upgrades plus signing and striping	2022	Yes	High
Capital	Complete Streets	1	71st Ave (Snell St to Hawley St) (Coliseum Transit Village)	landscaping, ped crosswalks and walkways, ped improvements	2022	No	Highest
Capital	Complete Streets	1	San Leandro St (69th Ave to 75th Ave)	Class II bike lanes, paving upgrades, bike lane signage	2022	Yes	Highest
Capital	Paving	1	West Grand (Market St to Wood St)	High visibility crosswalks, traffic signal improvement, adding, improving and relocating bus stops	2022	Yes	Highest
Capital	School Safety	1	Park Blvd (Excelsior intersection)	Traffic signal upgrades and geometric improvements at Park Blvd/Grosvenor Pl/Alma Pl/Excelsior Ave, including closure of Excelsior Ave between Park Blvd and Kingsley Ave	2022	Yes	Lowest
Capital	School Safety	1	Thornhill School (Moraga to Grisborne and ped path near school)	New Sidewalk, intersection improvements and pedestrian path	2022	No	Lowest
Capital	Traffic Capital Projects	1	MacArthur Blvd (69th to 96th Ave)	Implement pedestrian safety improvements, including ADA ramps, high visibility crosswalks, RRFBs, sidewalk improvements, pedestrian refuge islands. Traffic enhancements- Striping modifications, speed cushions	2022	Yes	Highest
Capital	Traffic Capital Projects	13	Downtown Intersections (starts on 7th St to 10th and Broadway to Harrison)	Traffic signal upgrades at 13 intersections for pedestrian safety, curb ramp upgrades	2022	Yes	Highest
Capital	Traffic Capital Projects	1	Foothill Blvd (Harrington Ave to Cole St)	Implement pedestrian safety improvements - ADA ramps, high visibility crosswalks, RRFBs, sidewalk improvements, pedestrian refuge islands, and striping modifications.	2022	Yes	High
Capital	Traffic Capital Projects	1	High St (Freeway to Foothill)	new traffic signals and curb ramps, RFBs, median pedestrian refuge islands, mid-block concrete islands	2022	Yes	High
Near Term	Council Earmark (FY21-23)	1	101st and Walnut Intersection	Addition of a 4-way stop sign	2022	No	Medium
Near Term	Council Earmark (FY21-23)	1	96th and Olive (Intersection)	Addition of a 4-way stop sign	2022	No	High
Near Term	Council Earmark (FY21-23)	1	E St (98th and 105th)	Install 10 speed bumps	2022	Yes	Highest
Near Term	Council Earmark (FY21-23)	1	MacArthur and Coolidge (Intersection) and MacArthur and Fruitvale	Sideshow deterrance/traffic calming	2022	Yes	High
Near Term	Rapid Response	1	Park Blvd near E 38th	Median Delineators	2022	No	Low
Near Term	Rapid Response	1	Park Blvd (Dolores to Wellington)	Lane drop	2022	No	Low
Near Term	School Safety	20	School Zone Speed Limit Reductions	20 school zones	2022	N/A	N/A

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Near Term	Sideshow Prevention	1	International and 42nd Ave	Sideshow deterrance/traffic calming- hardened centerlines and potentially Botts' Dots	2022	Yes	High
Near Term	Sideshow Prevention	1	MacArthur and 106th Ave	Sideshow deterrance/traffic calming- hardened centerlines and potentially Botts' Dots	2022	No	High
Near Term	Sideshow Prevention	1	Foothill and 55th Ave	Sideshow deterrance/traffic calming- hardened centerlines and potentially Botts' Dots	2022	Yes	Highest
Near Term	Sideshow Prevention	1	MacArthur and /82nd Ave	Sideshow deterrance/traffic calming- hardened centerlines and potentially Botts' Dots	2022	Yes	Highest
Near Term	Sideshow Prevention	1	MacArthur and Seminary	Sideshow deterrance/traffic calming- hardened centerlines and potentially Botts' Dots	2022	No	High
Near Term	Sideshow Prevention	1	International and 82nd Ave	Sideshow deterrance/traffic calming- hardened centerlines and potentially Botts' Dots	2022	Yes	Highest
Near Term	Sideshow Prevention	1	42nd Ave and I-880 Freeway	Sideshow deterrance/traffic calming- hardened centerlines and potentially Botts' Dots	2022	No	High
Near Term	Signal Timing	49	Leading Pedestrian Intervals	49 implemented	2022	Yes*	High*
Near Term	Speed Bumps	70	Citywide	70 Speed bumps to be installed	2022	N/A	N/A
Near Term	Speed Limits	5	Business Zone Speed Limit Reductions	5 zones will receive speed limit reductions in 2022	2022	N/A	N/A
Near Term	Violence Prevention Program	1	E. 15th (15th-23rd)	Speed bumps	2022	Yes	Highest
TOTAL 2022 Improvements**		181					
Total number of improvements with locations mapped		86					
Total on HIN (of mapped improvements)		77					
Total in High and Highest Priority Communities (of mapped improvements)		81					
TOTAL 2021 AND 2022 IMPROVEMENTS		419					

*Programs of projects were considered on the HIN and in Priority Neighborhoods when at least 50% is within
 **not including traffic safety service requests and other emerging projects