

Glendale Citywide Pedestrian Plan

Appendix A: Project List

September 2017



Figure A-1 The First Five Years: Short-Term Phase

Project ID	Project Location	Project Type	Recommendations	Source	Reason for Project	Other Planning Considerations	Planning-Level Cost Estimate
1	Broadway from Jackson St to Wilson (Corridor 1)	Lane Configuration	<ul style="list-style-type: none"> 4-2 road rechannelization maintaining left turns at intersections and parking. Add parking-protected bike lanes. Install 11' wide curb protected loading zone (~100' long) at Glendale High School. See Corridor 5 for Glendale intersection. 	Pedestrian Plan Safety Corridor	History of collisions at signalized and unsignalized intersections on 4 lane road	<ul style="list-style-type: none"> Cedar is a bike route Broadway Average Daily Traffic (ADT) is less than 20k – recommend for rechannelization and add bike lanes 	\$254,000
2	Glendale Ave from Maple St to Cypress St (Corridor 3)	Enhanced Crosswalks	<ul style="list-style-type: none"> Upgrade crosswalk at Palmer to median refuge island; move to N leg to maintain left turns. Add curb extensions across Glendale at Chevy Chase; or consider 4-3 road rechannelization on Chevy Chase which is planned bike route. Cypress high priority grant ready project to reduce conflict points; move refuge to southern leg of Cypress as part of continuous median across both legs of cypress (right turns only off Cypress and median refuge). Upgrade zebra-strip crosswalks at Raleigh to median refuge island. Upgrade zebra-stripe crosswalks at Garfield to median refuge island; move to N leg to maintain left turns. Add curb extensions across Glendale at Windsor. 	Pedestrian Plan Safety Corridor	History of collisions throughout corridor on 5 lane road	<ul style="list-style-type: none"> Planned wide curb lane Staff considering overhead mounting of rectangular rapid flashing beacons (RRFBs) for some future installations to increase visibility 	\$567,000
3	Cerritos Elementary School	Safe Routes to School (SRTS)	<ul style="list-style-type: none"> Brand Blvd at San Fernando Rd <ul style="list-style-type: none"> Curb extension Brand Blvd at Cerritos Ave <ul style="list-style-type: none"> Curb extension Pedestrian push buttons 	Phase 3 SRTS	Phase 3 SRTS	Construction expected in summer 2017	Funded <i>Not costed as part of Pedestrian Plan</i>
4	Thomas Edison Elementary School	SRTS	<ul style="list-style-type: none"> Pacific Ave at Riverdale Dr <ul style="list-style-type: none"> Zebra-stripe crosswalks Riverdale Dr at Kenilworth Ave <ul style="list-style-type: none"> Curb extension NW corner Reduce curb return radius on NE corner Zebra-stripe crosswalks Vine St at Kenilworth Ave <ul style="list-style-type: none"> Zebra-stripe crosswalks Curb extension SW corner Advanced stop bars Reduce curb return radius on NE corner Advanced yield bars and signs Mid-block curb extensions Pedestrian crosswalk sign Pacific Ave at Vine St <ul style="list-style-type: none"> Advanced stop bars Pedestrian countdown signals Audible pedestrian signals Zebra-stripe crosswalks Pacific Ave at Riverdale Dr <ul style="list-style-type: none"> Advanced stop bars Audible pedestrian signals Zebra-stripe crosswalks 	Phase 3 SRTS	Phase 3 SRTS	Construction expected in summer 2017	Funded <i>Not costed as part of Pedestrian Plan</i>

Project ID	Project Location	Project Type	Recommendations	Source	Reason for Project	Other Planning Considerations	Planning-Level Cost Estimate
5	Wilson Ave from Central Ave to Adams St (Corridor 7)	Enhanced Crosswalks	<ul style="list-style-type: none"> Wilson as a pedestrian priority street. Zebra-stripe crosswalks and curb extensions on all cross streets. 	Pedestrian Plan Safety Corridor	History of collisions at signalized intersections		\$2,409,000
6	Brand Blvd from Doran St to Colorado St (Corridor 12)	Lane Configuration	<ul style="list-style-type: none"> Make Brand consistently 2 lanes each way plus median or turn pockets at intersections, with sidewalk extensions on east side to use extra space. Add additional sidewalk space when RTLs are eliminated. Eliminate RTLs and add curb extensions on following blocks: Colorado, Harvard, Broadway. Extend curb extensions at Wilson to prevent vehicles from creating a de facto RTL where angle parking ends. Install additional sidewalk space on E side between Milford and Doran; eliminate RTLs on Milford and add curb extensions. Eliminate extra lanes. Replace 3rd SB lane N of Broadway with parallel parking. Between Lexington and Milford eliminate third NB lane and create additional sidewalk space. Add zebra-stripe crosswalks at all mid-block crossings; add curb extensions throughout. Protected left turn phase at Caruso Ave. 	Pedestrian Plan Safety Corridor	<ul style="list-style-type: none"> History of collisions at signalized intersections and marked mid-block crosswalks Brand/Broadway Station was identified for First Last Mile connectivity improvements in the ATSP 	City is considering adding full traffic signals at existing pedestrian crossings	\$2,479,000
7	Brand Blvd from Maple St to Garfield Ave (Corridor 13)	Enhanced Crosswalks	<ul style="list-style-type: none"> Add curb extensions across Brand at Garfield, similar to Maple. 	Pedestrian Plan Safety Corridor			\$215,000
8	Glendale Ave from Doran St to Broadway (Corridor 4)	Enhanced Crosswalks	<ul style="list-style-type: none"> Add curb extensions on Glendale at California (N and S legs) to increase visibility and reduce crossing distance. Eliminate RTLs on Glendale at Broadway and add curb extensions; zebra-stripe crosswalks on all legs. Consider eliminating left turn lanes from cross streets at signalized intersections (Doran, California, Wilson). 	Pedestrian Plan Safety Corridor	History of collisions at signalized intersections on 5 lane road	Planned wide curb lane	\$475,000
9	Colorado St from Brand Blvd to Kenwood St (Corridor 5)	Enhanced Crosswalks	<ul style="list-style-type: none"> Upgrade crosswalk at Kenwood to a median refuge island (requires gradual lane shift) and move light pole on NE corner; alternatively add curb extensions with RRFB. Add zebra-stripe crosswalks and curb extensions across Colorado at signalized intersections. 	Pedestrian Plan Safety Corridor	History of collisions at signalized intersections and at Kenwood		\$498,500
10	Colorado St from Adams St to Lincoln Ave (Corridor 6)	Enhanced Crosswalks	<ul style="list-style-type: none"> Upgrade crosswalk to median refuge island at Porter, Lincoln, Fisher, and Lafayette. 	Pedestrian Plan Safety Corridor	Enhancing existing marked crossings to best practice for roadway context	<ul style="list-style-type: none"> Move crossing at Porter and at Lincoln to W leg to maintain left turns from Colorado HAWK signal is an alternative solution at Porter 	\$52,500
11	Pacific Ave from California Ave to Ivy St (Corridor 2)	Enhanced Crosswalks	<ul style="list-style-type: none"> California <ul style="list-style-type: none"> Zebra-stripe crosswalks on California. Consider removing LTL and add curb extensions; or add protected left turn phase off Pacific. Wilson <ul style="list-style-type: none"> Add zebra-stripe crosswalks on Wilson and LPI; monitor for continued left turn collisions and consider curb extensions. 	Pedestrian Plan Safety Corridor	History of collisions at signalized intersections on 5 lane road	Planned sharrows on Pacific	\$458,000

Project ID	Project Location	Project Type	Recommendations	Source	Reason for Project	Other Planning Considerations	Planning-Level Cost Estimate
12	Glenoaks Blvd from Linden Ave to Sonora Ave (Corridor 8)	Lane Configuration	<ul style="list-style-type: none"> Study protected bike lanes, streetcar, or BRT on Glenoaks which can be accomplished through lane removal (6-4 lanes). Western <ul style="list-style-type: none"> Replace planned bike route with bike lane from Lake St to Glenoaks. Eliminate RTL on S leg of Western; add curb extensions. Maintain fully protected left turn phase off Glenoaks. Sonora <ul style="list-style-type: none"> Zebra-stripe crosswalks on N and S legs of Sonora. Maintain fully protected left turn phase off Glenoaks. Consider removing LTL from N and S legs of Sonora and add curb extensions. Allen <ul style="list-style-type: none"> Add zebra-stripe crosswalk on S leg. 	Pedestrian Plan Safety Corridor	History of collisions involving left turning vehicles at signalized intersections on 6 lane roadway	Planned signed bike route on Western	\$1,722,000
13	Central Ave from Glenoaks Blvd to Wilson Ave (Corridor 15)	Pavement Markings	<ul style="list-style-type: none"> Add zebra-stripe crosswalk at all legs at all signalized intersections. Consider curb extensions at cross streets with on-street parking. Pedestrian head starts at intersections with high pedestrian volumes. 	Pedestrian Plan Safety Corridor	History of collisions at signalized intersections on 5-6 lane road		\$2,172,000
14	Pacific Ave from Stocker St to Burchett St (Corridor 14)	Enhanced Crosswalks	<ul style="list-style-type: none"> Burchett <ul style="list-style-type: none"> Close LT slip lane onto Hahn. Eliminate EB LT lane on Burchett. Close WB RT lane on Burchett and add curb extensions. Zebra-stripe crosswalks at all legs. Arden <ul style="list-style-type: none"> Add median refuge island, RRFB, and zebra-stripe crosswalk at Arden. Glenoaks <ul style="list-style-type: none"> Close RTL on SW corner of Glenoaks and add curb extensions. Consider prioritizing transit by placing bike lane inside floating bus stop on NW corner of Glenoaks. Alternatively, curb extension at same corner and move stop WB. Add zebra crosswalks to all legs. Palm <ul style="list-style-type: none"> Upgrade zebra crossing at Palm to median refuge island and RRFB. Stocker <ul style="list-style-type: none"> Eliminate left turn lanes on Stocker . Curb extension on SE and NW corners. Zebra-stripe crosswalks on all legs. 	Pedestrian Plan Safety Corridor	History of collisions at signalized and unsignalized intersections on 5 lane road		\$845,000
15	R.D. White Elementary School	SRTS	<ul style="list-style-type: none"> At Doran St at Geneva St, Balboa Ave, and Everett St <ul style="list-style-type: none"> Curb extensions, ADA curb ramps, new pavement, striping, signing, catch basin modifications. Lexington Dr at Everett St, and Geneva St <ul style="list-style-type: none"> ADA curb ramps, striping, signing. 	Phase 4 SRTS	Phase 4 SRTS		Partially Funded Not costed as part of Pedestrian Plan

Project ID	Project Location	Project Type	Recommendations	Source	Reason for Project	Other Planning Considerations	Planning-Level Cost Estimate
16	Broadway & Glendale	First Last Mile Analysis	<ul style="list-style-type: none"> Enhance crosswalks at Wilson/Glendale and Wilson/Cedar. Traffic calming along California, Wilson, Harvard, Colorado, Broadway and Chevy Chase. Pedestrian scale lighting along Glendale, Colorado and Chevy Chase. Enhance bus stop at Broadway and Glendale. Include wayfinding at key intersections, especially along Louise and Glendale. Bikeway enhancements along Broadway, Harvard, Louise and California. 	Metro First Last Mile Strategic Plan (FLMSP)			\$1,570,500
17	Brand/Broadway Station	First Last Mile Analysis	<ul style="list-style-type: none"> Station identified for first last mile connectivity improvements . 	FLMSP, Metro ATSP	FLMSP, Metro ATSP	In high collision Corridor 10, where our current recommendation is to make Brand consistently 2 lanes each way plus medians/turn pockets at intersections. In the Brand blocks near Broadway, extend angle parking to corner on E side, eliminate RTL and add curb extensions for the block S of Broadway. Replace 3rd SB lane N of Broadway w parallel parking.	<i>Not costed as part of Pedestrian Plan</i>
18	San Fernando Rd from Raymond Ave to Davis Ave (Corridor 9)	Intersection Reconfiguration	<ul style="list-style-type: none"> Justin <ul style="list-style-type: none"> Re-construct curb ramps on S leg of Justin and square up crosswalks. Zebra-stripe crosswalks on N and S legs of Justin. Protected left turns off of San Fernando or pedestrian head start. 	Pedestrian Plan Safety Corridor	<ul style="list-style-type: none"> History of collisions involving left turning vehicles at signalized intersections on 5 lane roadway San Fernando/Sonora Station was identified for First Last Mile connectivity improvements in ATSP 	Planned bikeway on Justin (signed)	\$124,000
19	San Fernando Rd from Hawthorne St to Colorado St (Corridor 10)	Lane Configuration	<ul style="list-style-type: none"> If area redevelops, consider 5 to 3 road rechannelization, which will allow for reducing curb radii and pedestrian exposure at intersections. Monitor collision patterns. 	Pedestrian Plan Safety Corridor			\$481,000
20	Balboa Elementary School	SRTS	<ul style="list-style-type: none"> Bel Aire Dr at Allen Ave <ul style="list-style-type: none"> Curb extensions, ADA curb ramps, new pavement, striping, signage, catch basin modifications. Bel Aire Dr at Irving Ave <ul style="list-style-type: none"> Curb extensions, ADA curb ramps, new pavement, striping, signage. Bel Aire Dr at School Entrance <ul style="list-style-type: none"> ADA curb ramps Kenneth Rd at Allen Ave and Irving Ave <ul style="list-style-type: none"> ADA curb ramps, striping, signage 	Phase 4 SRTS	Phase 4 SRTS		Funded <i>Not costed as part of Pedestrian Plan</i>
21	Doran St from Central Ave to Glendale Ave (Corridor 16)	Enhanced Crosswalks	<ul style="list-style-type: none"> Central to Maryland <ul style="list-style-type: none"> Consider 3-lane cross section with on-street parking and curb extensions at intersections. Jackson <ul style="list-style-type: none"> Eliminate SB RTL on Jackson and add curb extensions. Eliminate LTLs on all approaches of all cross streets. Louise to Glendale <ul style="list-style-type: none"> Add speed humps from Louise to Glendale to minimize cut through traffic and slow speeds. 	Pedestrian Plan Safety Corridor	History of collisions at signalized and unsignalized intersections		\$1,195,500

Figure A-2 The Next Ten Years: Medium-Term Phase

Project ID	Project Location	Project Type	Recommendations	Source	Reason for Project	Other Planning Considerations	Planning-Level Cost Estimate
22	Orange St from Broadway to Doran	Pavement Markings / Operational Improvements	<ul style="list-style-type: none"> Lexington <ul style="list-style-type: none"> Add protected left turn phase on Orange for turns onto Lexington or add pedestrian head start. Add zebra-stripe crosswalks to all signalized intersections. Monitor collisions as residential development occurs and install curb extensions and/or pedestrian head starts. 	Pedestrian Plan			\$1,523,500
23	La Crescenta Ave from Montrose Ave to Honolulu Ave (Corridor 17)	Enhanced Crosswalks	<ul style="list-style-type: none"> Montrose <ul style="list-style-type: none"> Add curb extensions on Montrose (design for future bike lane on both Montrose and La Crescenta, including evaluation of back in angle or parallel parking on Montrose). Zebra-stripe crosswalks to all legs Piedmont <ul style="list-style-type: none"> Upgrade crosswalk at Piedmont to median refuge island (requires gradual lane shift). Reconfigure W leg of Piedmont to shorten crossing distance. Honolulu: <ul style="list-style-type: none"> 5-3 road rechannelization on Honolulu (Las Palmas to western city limits). Add buffered bike lanes . At La Crescenta and Honolulu: Add zebra crosswalks to all legs; eliminate NB RTL on La Crescenta and EB RTL on Honolulu; Add curb extensions, depending on dimensions of future bike lanes for both Honolulu and La Crescenta. 	Pedestrian Plan Safety Corridor	History of collisions at signalized intersections and one unsignalized intersection on 4 lane road		\$764,500
24	San Fernando Rd from W Garfield Ave to W Los Feliz Rd (Corridor 11)	Enhanced Crosswalks	<ul style="list-style-type: none"> Garfield: <ul style="list-style-type: none"> Add median refuge island crossing at Garfield (N leg to maintain left turns) Chevy Chase: <ul style="list-style-type: none"> Add curb extensions across all feasible legs. Add zebra-stripe crosswalks. Los Feliz: <ul style="list-style-type: none"> Make Los Feliz a complete St that emphasizes transit and adds a buffered bike lane, converting from 5 lanes to 3 lanes from city limits (San Fernando) to Glendale. Add curb extensions across San Fernando (plan for proposed buffered bike lanes on Los Feliz) 	Pedestrian Plan	<ul style="list-style-type: none"> History of collisions at signalized intersections on 5 lane road San Fernando/Los Feliz Station was identified for First Last Mile connectivity improvements in the ATSP 	Los Feliz is a planned bike route.	\$558,000
25	Chevy Chase Dr (Glendale Ave to Acacia Ave/Tyler St)	Traffic Calming / Street Improvement	<ul style="list-style-type: none"> Chicane treatment 	Chevy Chase Corridor Improvement Study / Chevy Chase Dr Bicycle and Pedestrian Safety Improvements Project	Chevy Chase Corridor Improvement Study / Chevy Chase Dr Bicycle and Pedestrian Safety Improvements Project	Part of ATP2 (\$1.7M fully funded); design work is in process; construction anticipated in 2018	<i>Not costed as part of Pedestrian Plan</i>
26	Central/Colorado Station	First Last Mile Analysis	<ul style="list-style-type: none"> Station identified for first last mile connectivity improvements. 	FLMSP, Metro ATSP	FLMSP, Metro ATSP		<i>Not costed as part of Pedestrian Plan</i>
27	Verdugo/Broadway Station	First Last Mile Analysis	<ul style="list-style-type: none"> Station identified for first last mile connectivity improvements. 	FLMSP, Metro ATSP	FLMSP, Metro ATSP		<i>Not costed as part of Pedestrian Plan</i>
28	SR 134 Bridges: Columbus	Infrastructure Improvement	<ul style="list-style-type: none"> Improvements to bike/pedestrian bridges and tunnels over SR-134-Bridges. 	State of Good Repair	State of Good Repair		<i>Not costed as part of Pedestrian Plan</i>

Project ID	Project Location	Project Type	Recommendations	Source	Reason for Project	Other Planning Considerations	Planning-Level Cost Estimate
29	134 Freeway & Brand	First Last Mile Analysis	<ul style="list-style-type: none"> Overall pedestrian lighting, landscaping and wayfinding near the future high capacity transit station and freeway cap park. Grade-separated pedestrian connections across the 134 Freeway at Columbus, Central, Brand, Louise and Jackson. Enhanced bus stops along Central. Enhance crossings of Brand and Central, especially north of Glenoaks. Bicycle boulevard enhancements along Louise. Traffic calming and bikeway enhancements along Central. Traffic calming, bikeway improvements, and pedestrian enhancements along Glenoaks including lighting, curb extensions and landscaping. 	FLMSP			\$6,395,500
30	Verdugo Woodlands Elementary School	SRTS	<ul style="list-style-type: none"> Verdugo Rd at Crestmont Ct. <ul style="list-style-type: none"> Curb extensions, ADA curb ramps, new pavement, striping, signage Verdugo Rd at Kirkby Rd <ul style="list-style-type: none"> ADA curb ramps, new pavement, striping, signage Verdugo Rd at Sherer Ln. <ul style="list-style-type: none"> Curb extensions, ADA curb ramps, new pavement, striping, signage, catch basin modifications 	Phase 4 SRTS	Phase 4 SRTS		Funded <i>Not costed as part of Pedestrian Plan</i>
31	Brand/San Fernando Station	First Last Mile Analysis	<ul style="list-style-type: none"> Station identified for first last mile connectivity improvements. 	FLMSP, Metro ATSP	FLMSP, Metro ATSP		<i>Not costed as part of Pedestrian Plan</i>
32	Cerritos Ave	Complete/Green Streets	<ul style="list-style-type: none"> Connect LZTC to Glendale Memorial, Cerritos Park/School, Forest Lawn. Improve bike infrastructure, lighting, wayfinding, etc. 			Project identified in Tropico Center Plan, scheduled to be adopted Summer 2017	<i>Not costed as part of Pedestrian Plan</i>
33	Pacific/San Fernando Station	First Last Mile Analysis	<ul style="list-style-type: none"> Station identified for first last mile connectivity improvements. 	FLMSP, Metro ATSP	FLMSP, Metro ATSP		<i>Not costed as part of Pedestrian Plan</i>
34	Valley View Elementary School	SRTS	<ul style="list-style-type: none"> Orange Ave at Pennsylvania Ave <ul style="list-style-type: none"> Advanced stop bars Curb extensions Zebra-stripe crosswalks Catch basin throat extensions Santa Carlotta St/Orange Ave at Maryland Ave <ul style="list-style-type: none"> Relocate catch basin Mini traffic circle Perpendicular curb ramps Curb extensions on NW, SE, and SW corners 	Phase 3 SRTS	Phase 3 SRTS	Construction expected in summer 2017	Funded <i>Not costed as part of Pedestrian Plan</i>
35	Concord St (Glendwood Rd to Glenoaks Blvd)	Street Improvement		ATP Cycle 1 (2014) - Hoover High, Keppel Elementary, and Toll Middle Schools Bicycle and Pedestrian Safety Improvements	ATP Cycle 1 (2014) - Hoover High, Keppel Elementary, and Toll Middle Schools Bicycle and Pedestrian Safety Improvements	Have construction funding, but not yet constructed	Funded <i>Not costed as part of Pedestrian Plan</i>
36	SR-134-Bridges: Adams	Infrastructure Improvement	<ul style="list-style-type: none"> Improvements to bike/pedestrian bridges and tunnels over SR-134-Bridges. 	State of Good Repair	State of Good Repair		<i>Not costed as part of Pedestrian Plan</i>

37	Kenilworth Ave (Concord St to Glenoaks Blvd)	Street Improvement		ATP Cycle 1 (2014) - Hoover High, Keppel Elementary, and Toll Middle Schools Bicycle and Pedestrian Safety Improvements	ATP Cycle 1 (2014) - Hoover High, Keppel Elementary, and Toll Middle Schools Bicycle and Pedestrian Safety Improvements	Have construction funding, but not yet constructed	Funded <i>Not costed as part of Pedestrian Plan</i>
38	San Fernando/Los Feliz Station	First Last Mile Analysis	<ul style="list-style-type: none"> Station identified for first last mile connectivity improvements. 	FLMSP, Metro ATSP	FLMSP, Metro ATSP	This station falls within high collision corridor 13; Project identified in Tropico Center Plan, scheduled to be adopted Summer 2017	<i>Not costed as part of Pedestrian Plan</i>
39	San Fernando/Broadway Station	First Last Mile Analysis	<ul style="list-style-type: none"> Station identified for first last mile connectivity improvements. 	FLMSP, Metro ATSP	FLMSP, Metro ATSP		<i>Not costed as part of Pedestrian Plan</i>
40	Franklin Elementary School	SRTS	<ul style="list-style-type: none"> Winchester Ave at Randall St <ul style="list-style-type: none"> Advanced stop bars Zebra-stripe crosswalks Perpendicular curb ramps with truncated domes Add sidewalk Winchester Ave at Lake St <ul style="list-style-type: none"> Advanced stop bars Reduced curb return on SW corner Throat extension on NW corner Zebra-stripe crosswalks Randall St at Justin Ave <ul style="list-style-type: none"> Add perpendicular ramps with truncated domes on NW and SW corners. Replace stop control with mini traffic circle. Widen sidewalk on west side and add sidewalk on east side of Justin Ave. Zebra-stripe crosswalks Garden St at Justin Ave <ul style="list-style-type: none"> Replace stop control with mini traffic circle. Safe-haven ramps on NE/SE corners. Zebra-stripe crosswalks Perpendicular ramps with truncated domes on NW and SW corners. Lake St at Justin Ave <ul style="list-style-type: none"> Zebra-stripe crosswalks Bulb-outs Advanced stop bars 	Phase 3 SRTS	Phase 3 SRTS	Construction expected in summer 2017	Funded <i>Not costed as part of Pedestrian Plan</i>
41	SR-134-Bridges: Louise	Infrastructure Improvement	<ul style="list-style-type: none"> Improvements to bike/pedestrian bridges and tunnels over SR-134-Bridges. 	State of Good Repair	State of Good Repair		<i>Not costed as part of Pedestrian Plan</i>
42	SR-134-Bridges: Geneva	Infrastructure Improvement	<ul style="list-style-type: none"> Improvements to bike/pedestrian bridges and tunnels over SR-134-Bridges. 	State of Good Repair	State of Good Repair		<i>Not costed as part of Pedestrian Plan</i>
43	San Fernando/Sonora Station	First Last Mile Analysis	<ul style="list-style-type: none"> Station identified for first last mile connectivity improvements. 	FLMSP, Metro ATSP	FLMSP, Metro ATSP	This station falls within high collision corridor 9	<i>Not costed as part of Pedestrian Plan</i>

Figure A-3 The Last Ten Years: Long-Term Phase

Project ID	Project Location	Project Type	Recommendations	Source	Reason for Project	Other Planning Considerations	Planning-Level Cost Estimate
44	Virginia Ave, Palm Dr, Highland Ave/ South St	Intersection Enhancement		ATP Cycle 1 (2014) - Hoover High, Keppel Elementary, and Toll Middle Schools Bicycle and Pedestrian Safety Improvements	ATP Cycle 1 (2014) - Hoover High, Keppel Elementary, and Toll Middle Schools Bicycle and Pedestrian Safety Improvements	Have construction funding, but not yet constructed	Not costed as part of Pedestrian Plan
45	Verdugo Wash Bikeway (South segment)	Bicycle Improvement		Bicycle Transportation Plan Project	Bicycle Transportation Plan Project		Not costed as part of Pedestrian Plan
46	SR 134 Tunnel: Kenilworth	Infrastructure Improvement	<ul style="list-style-type: none"> Improvements to bike/pedestrian bridges and tunnels over SR-134-Bridges. 	State of Good Repair	State of Good Repair		Not costed as part of Pedestrian Plan
47	SR 134 Bridges: Concord	Infrastructure Improvement	<ul style="list-style-type: none"> Improvements to bike/pedestrian bridges and tunnels over SR-134-Bridges. 	State of Good Repair	State of Good Repair		Not costed as part of Pedestrian Plan
48	Glendale Train Station	Connectivity Improvement	<ul style="list-style-type: none"> First Last Mile Complete Streets improvements connecting Tropic and Atwater Village to regional connections through the Glendale Station and Metro Rapid buses. 	Metro Call for Projects 2015	Metro Call for Projects 2015	Funded for design and construction. Project identified in Tropic Center Plan.	Not costed as part of Pedestrian Plan
49	Stocker St/Kenilworth Ave/Concord St	Intersection Enhancement	<ul style="list-style-type: none"> Extend curb return Curb extensions Median refuge island 	ATP Cycle 1 (2014) - Hoover High, Keppel Elementary, and Toll Middle Schools Bicycle and Pedestrian Safety Improvements	ATP Cycle 1 (2014) - Hoover High, Keppel Elementary, and Toll Middle Schools Bicycle and Pedestrian Safety Improvements	Have construction funding, but not yet constructed	Not costed as part of Pedestrian Plan
50	Glendale Station (rail)	First Last Mile Analysis	<ul style="list-style-type: none"> Station identified for first last mile connectivity improvements. 	FLMSP, Metro ATSP	FLMSP, Metro ATSP		Not costed as part of Pedestrian Plan
51	Verdugo Rd & Canada Blvd	First Last Mile Projects	<ul style="list-style-type: none"> Enhance existing pedestrian bridge including public art and wayfinding. Enhance crossings of Canada and Verdugo, including curb extensions on Verdugo near Arvin and Mountain streets. Pedestrian lighting, traffic calming, landscaping and bikeway enhancements along Canada and Verdugo. Grade-separated crossings of Freeway 2 at Sherer and Mountain. 				\$5,443,500
52	San Fernando/ Grandview Station	First Last Mile Analysis	<ul style="list-style-type: none"> Station identified for first last mile connectivity improvements. 	FLMSP, Metro ATSP	FLMSP, Metro ATSP		Not costed as part of Pedestrian Plan
53	Verdugo Wash Bikeway (middle segment)	Bicycle Improvement		Bicycle Transportation Plan Project	Bicycle Transportation Plan Project		Not costed as part of Pedestrian Plan
54	Chamlian Armenian Elementary School	SRTS	<ul style="list-style-type: none"> Abella St at Lowell Ave <ul style="list-style-type: none"> Advanced pedestrian crosswalk signs Advanced yield bars and signs Median refuge islands Curb extensions Advanced stop bar Perpendicular curb ramps with truncated domes 	Phase 3 SRTS	Phase 3 SRTS	Construction expected in summer 2017	Not costed as part of Pedestrian Plan

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			<ul style="list-style-type: none"> ▪ Lowell Ave at Foothill Blvd. <ul style="list-style-type: none"> – Pedestrian countdown signals – Audible pedestrian signals – Advanced stop bars – Curb extension on NW corner – Zebra-stripe crosswalks – Reduced curb return on SE corner – Upgrade NW, SE, and SW ramps to ADA compliance 				
55	Dunsmore Elementary School	SRTS	<ul style="list-style-type: none"> ▪ Dunsmore Ave at School Entrance, Los Olivos Ln, and Los Amigos St <ul style="list-style-type: none"> – Curb extensions, ADA curb ramps, new pavement, striping, signage, catch basin modifications. ▪ Lauderdale Ave at Los Olivos Ln <ul style="list-style-type: none"> – Curb extensions, ADA curb ramps, new pavement, striping, signage, catch basin modifications. 	Phase 4 SRTS	Phase 4 SRTS		<i>Not costed as part of Pedestrian Plan</i>
56	Verdugo Wash Bikeway (north Segment)	Bicycle Improvement		Bicycle Transportation Plan Project	Bicycle Transportation Plan Project		<i>Not costed as part of Pedestrian Plan</i>
57	LA River Crossings (Glendale to LA)	Active Transportation	<ul style="list-style-type: none"> ▪ Glendale-LA River walk Bridge/AT Facility 	Bicycle Transportation Plan Project / Metro Call for Projects 2015	Metro Call for Projects 2015	Partially funded for design	<i>Not costed as part of Pedestrian Plan</i>