

DETAILED CITYWIDE PROJECT LIST

TRANSPORTATION MASTER PLAN



NO.	LOCATION	PROJECT	PROJECT DETAILS	PRIORITIZATION CRITERIA										GOALS			
				COST	EASE OF IMPLEMENTATION	SENSITIVE POPULATION	TRANSPORTATION SUSTAINABILITY	SAFETY	SCHOOL NEARBY	CONGESTION RELIEF	GHG REDUX / PERSON THRUPUT	GREEN INFRASTRUCTURE	SAFETY	MOBILITY CHOICE	SUSTAINABILITY		
153	Citywide	Establish Bike Repair Workshop Program	<ul style="list-style-type: none"> Set up bike repair workshops <u>to educate residents on how to repair and maintain their bicycles</u> 	\$\$	✓		✓									✓	
154	Citywide	Prepare Citywide Bicycle Map	<ul style="list-style-type: none"> Prepare citywide bike map <u>to provide residents and visitors with a big picture look of prioritized bicycle routes characterized by low to moderate stress levels throughout the City</u> 	\$\$	✓		✓									✓	
155	Citywide	Establish Bike-Friendly Business Program	<ul style="list-style-type: none"> Provide incentives to bike-friendly businesses such as city sponsored bicycle facilities, quarterly bicycle roundtables with business owners, etc. 	\$	✓		✓									✓	
156	Location TBD	Visible Bicycle Counter	<ul style="list-style-type: none"> Install physical/visible bike counter <u>to provide real time data on the number of cyclists traveling along the roadway</u> 	\$\$	✓		✓									✓	
157	Citywide	Enhanced Bicycle and Pedestrian Detection	<ul style="list-style-type: none"> Install bicycle and pedestrian detection at intersections <u>to efficiently serve residents and visitors traveling via alternative modes</u> Adjust signal phasing and timing to include bike and pedestrian crossing time <u>to safely accommodate traveling via alternative modes</u> 	\$\$			✓				✓					✓	

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158	Citywide	Adaptive Traffic Control System Operations & Maintenance	<ul style="list-style-type: none"> Adaptive Traffic Control System O&M <u>to better serve residents and guests traveling throughout the city. Adaptive signaling utilizes real-time data at signalized intersections rather than conventional pre-programmed, daily signal timing schedules.</u> 	\$\$							⬇					⬇	
159	Citywide	Automated Traffic Signal Performance Measurement	<ul style="list-style-type: none"> Automated Traffic Signal Performance Measurement (ATSPM), provides way to collect data for use in evaluating performance measures. <u>Data from the ATSPM software is used to provide more efficient signal timing plans, targeted repairs and maintenance resulting in increased safety and improved traffic operations.</u> 	\$\$							⬇					⬇	
160	Citywide	Create Policy Advocating for Variable Pricing on the Dumbarton Bridge	<ul style="list-style-type: none"> Create policy to advocate congestion/variable pricing on the Dumbarton Bridge. <u>Congestion/variable pricing would incorporate a pricing scheme which would charge higher prices during periods of higher traffic demand, and lower prices during periods of less traffic demand. Pricing schemes as such have the potential to encourage motorists to use alternative modes during peak periods.</u> 	\$							⬇					⬇	

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161	Citywide	ITS Infrastructure Operations & Maintenance	<ul style="list-style-type: none"> <u>Intelligent Transportation Systems infrastructure operations & maintenance</u>, ensures upkeep and up-to-date signal systems <u>to preserve acceptable traffic conditions throughout Menlo Park. Examples of ITS infrastructure include vehicle counters, connected parking garages, variable message displays, real-time transit vehicle arrival.</u> 	\$\$							▼				▼	
162	Citywide	Signal Phase and Timing (SPaT) Data Dissemination	<ul style="list-style-type: none"> Signal Phase and Timing (SPaT) Data Dissemination, provides real-time data that equipped (connected) vehicles can utilize to control speeds and improve flow <u>along boulevards, thoroughfares and highways to avoid “stop-and-go” travel patterns on major roadways.</u> 	\$\$							▼				▼	
163	Citywide	Bluetooth Readers	<ul style="list-style-type: none"> <u>The installation of bluetooth readers throughout the city could collect and analyze data via mobile devices, connected and autonomous vehicles.</u> 	\$\$							▼				▼	
164	Citywide	Transportation Data Hub	<ul style="list-style-type: none"> <u>A Transportation Data Hub would allow city staff to more accurately track projects and their impacts. The data hub would also provide decision makers with context</u> 	\$\$							▼				▼	

Cost Legend - \$: Less than \$100k; \$\$: \$100k - \$1M; \$\$\$: \$1M - \$3M; \$\$\$\$: \$3M - \$10M; F: Funded; PF: Partially Funded; PP: Partner Projects

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165	Citywide	Update NTMP Guidelines	<ul style="list-style-type: none"> Update Neighborhood Traffic Management Program guidelines to make resident requests for traffic calming more streamlined 	\$				✓						✓		
166	Citywide	Progressive Safety Enforcement	<ul style="list-style-type: none"> Work with local law enforcement agencies to establish a program to increase spot specific enforcement of potentially unsafe behavior 	\$\$				✓						✓		
167	Citywide	Establish Bikeshare and Rollshare Program	<ul style="list-style-type: none"> Adopt an ordinance and permitting process for dockless bikeshare providers and other rolling modes, building on processes put in place by other mid-peninsula cities 	\$	✓		✓				✓	✓				✓
168	Citywide	Incentivize Unbundled Residential Parking	<ul style="list-style-type: none"> Modify Municipal Code parking requirements to allow for appropriate parking reductions for developments which demonstrate adequate parking supply citywide 	\$	✓						✓				✓	
169	Citywide	Establish Carshare Program	<ul style="list-style-type: none"> Prepare Request for Proposal (RFP) to disseminate to carshare services or form public-private partnership with carshare services to identify locations and spaces for implementation 	\$	✓						✓				✓	

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170	Citywide	Establish Voucher Program for Shared Mobility Services from Transit	<ul style="list-style-type: none"> Explore voucher system for first-mile/last-mile connections to transit, including shared mobility (car share, bike share, ride share, other roller share) 	\$								✓				✓
171	Citywide	Establish Transportation Management Association(s)	<ul style="list-style-type: none"> Explore formation of Transportation Management Association(s) <u>to provide various transportation services such as guaranteed rides home, commute trip reduction, expanded shuttle services, TDM oversight, and shared parking coordination</u> 	\$								✓				✓
172	Citywide	Incorporate Green Infrastructure into Roadway Projects	<ul style="list-style-type: none"> Incorporate storm water treatment measures, such as bioretention areas and infiltration trenches, into new roadway projects where appropriate 	\$\$\$									✓	-	-	✓
173	Citywide	Transit Signal Priority	<p>Funded Improvement</p> <ul style="list-style-type: none"> Implement Transit Signal Priority at Intersections on Bayfront Expy, El Camino Real, Willow Rd <u>to provide priority to transit vehicles. Transit signal priority has the potential to increase person throughput rather than vehicle throughput.</u> 	F									✓			✓

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174	Downtown	Parking Plazas #1 - 8	<ul style="list-style-type: none"> Reconstruct plaza to current ADA standards and parking guidelines Begin underground utilities work process 	\$\$\$\$							✓						✓
175	Downtown	Implement Paid and Technology-Driven Parking Management	<ul style="list-style-type: none"> Monitor downtown parking and assess best practices such as dynamic pricing schemes and residential parking permits 	\$\$\$							✓						✓
176	Citywide	Willow Road Relinquishment	<ul style="list-style-type: none"> Evaluate relinquishment of Willow Road by Caltrans from Bayfront Expressway to Bay Road 	\$\$\$\$		✓	✓	✓			✓		✓	✓	✓		
177	Citywide	Update street lights	<ul style="list-style-type: none"> Evaluate lighting levels at crosswalks and update street lights as necessary 	\$\$\$				✓					✓	✓			✓