

ATTACHMENT 3: EVALUATION PLAN

Farm Hill Boulevard Pilot Street Improvement Project Draft Evaluation Plan

The following table outlines data that will be collected to evaluate the performance of the pilot project. The same data will be collected before the pilot starts *and* before it ends.

Attribute & Performance Measures (PROPOSED)	Data Collection Locations (PROPOSED)
Air Quality	Calculated vehicle emissions along length of the project
Congestion <ul style="list-style-type: none"> • Average peak period travel time • Average off-peak travel time • Peak hour traffic volume • Average vehicle delay at intersections 	<ul style="list-style-type: none"> • Woodhill Drive to Alameda de las Pulgas • Woodhill Drive to Alameda de las Pulgas • Between Eden Bower and Lonesome Pine • Between McGarvey and Jefferson • Between Highland and Alameda de las Pulgas • Farm Hill at Emerald Hill • Farm Hill at Glennan • Farm Hill at Jefferson • Farm Hill at McGarvey
Ease of crossing the street <ul style="list-style-type: none"> • Percent of vehicles yielding to people crossing the street • How long people walking have to wait to cross the street 	(same locations for both measures) <ul style="list-style-type: none"> • Farm Hill at Eden Bower (PM) • Jefferson at Dover
Ease of entering traffic <ul style="list-style-type: none"> • Average vehicle delay for vehicles trying to make a left-turn from side street during the morning peak 	<ul style="list-style-type: none"> • Lonesome Pine • Highland

Attribute & Performance Measures (PROPOSED)	Data Collection Locations (PROPOSED)
<p>Complete Street</p> <ul style="list-style-type: none"> • Description of design by mode • Number of passengers getting on/off SamTrans buses • Number of people riding bikes • Number of people walking along the street • Number of people crossing the street • Percent of people arriving without driving 	<ul style="list-style-type: none"> • Between Jefferson and McGarvey • All stops along the corridor (same locations for all measures) • Farm Hill at Glennan • Farm Hill at Jefferson • Farm Hill at McGarvey • Stulsaft Park
<p>Safety</p> <ul style="list-style-type: none"> • Number of conflict points at intersection and midblock locations • Average number of monthly crashes 	<ul style="list-style-type: none"> • Jefferson at Altamont Way • Between Emerald Hill and Brandy Rock Way • Woodhill Drive to Alameda de las Pulgas
<p>Speeding</p> <ul style="list-style-type: none"> • 85th percentile speed (85% of drivers travel at or below this speed) • 50th percentile speed (median speed) • Percent of vehicles traveling 10 mph or more over the speed limit • Percent of vehicles traveling over speed limit 	<p>(same locations for all measures)</p> <ul style="list-style-type: none"> • Between Eden Bower and Lonesome Pine • Between McGarvey and Jefferson • Between Highland and Alameda de las Pulgas

Attribute & Performance Measures (PROPOSED)	Data Collection Locations (PROPOSED)
<p>Traffic diversion</p> <ul style="list-style-type: none"> • Average daily traffic volume • Traffic volume during peak hours (7-9am and 4-6pm) 	<p>Along corridor:</p> <ul style="list-style-type: none"> • Between Eden Bower and Lonesome Pine • Between McGarvey and Jefferson • Between Highland and Alameda de las Pulgas <p>Parallel routes:</p> <ul style="list-style-type: none"> • Woodside Road between I-280 and Alameda de las Pulgas • Woodside Road between Alameda de las Pulgas and El Camino Real • Edgewood Road between I-280 and Alameda de las Pulgas • Highland between Laurel and Jefferson • Jefferson between Utah and Farm Hill • Dover between Lancaster and Alameda de las Pulgas • McGarvey between Farm Hill and Fernside • Lancaster between Jefferson and Harding • Bret Harte between Emerald Hill and Glennan
<p>Physical appeal and comfort of use Survey:</p> <ul style="list-style-type: none"> • How comfortable do you feel traveling along Farm Hill /Jefferson? • How safe do you feel traveling along Farm Hill/Jefferson? • How safe do you feel crossing Farm Hill and/or Jefferson? 	<ul style="list-style-type: none"> • Stulsaft Park • Farm Hill and Jefferson • Bus stop(s) <ul style="list-style-type: none"> ○ Farm Hill and Jefferson ○ Altamont and Jefferson