

# 2<sup>nd</sup> Street Improvement Project

## Air Quality Conformity Task Force 1/22/15

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### 2<sup>nd</sup> Street Improvement Project

Location and Vicinity Land Uses



## 2<sup>nd</sup> Street Improvement Project

### Shared Project Goals

- Improve safety along the corridor
- Provide a more attractive pedestrian environment
- Provide a dedicated bicycle facility
- Facilitate Muni operations



Existing Conditions



LEGEND	
	EXISTING TREE
	PROPOSED TREE
	CYCLETRACK
	BIKE LANE
	PLANTING AREA
	RAISED CROSSWALK / WIDENED SIDEWALK
	PEDESTRIAN STREETLIGHT
	MUNI BUS SHELTER
	BIKE SHARE STATION
	VEHICLE PARKING

### 2<sup>nd</sup> Street at Folsom





## 2<sup>nd</sup> Street Improvement Project

### 2<sup>nd</sup> Street AADT and Truck Volumes

Analysis Year	No Build			Build			Project Change in Truck AADT
	AADT	% Trucks	Truck AADT	AADT	% Trucks	Truck AADT	
2012	14,500 <sup>1</sup>	4.9% <sup>2</sup>	710	10,200 <sup>3</sup>	4.9%	500	↓ 210
2040	21,800	4.9%	1,070	15,200	4.9%	750	↓ 320

Source: SFMTA Vehicle Classification Count taken on Second Street north of Bryant Street from May 15-17, 2012.

<sup>1</sup>2012 No Build AADT estimated from Average Weekday Traffic volume (AWT), May 15-17, 2012

<sup>2</sup>Includes buses. No change in truck percentage expected as project does not include land use changes

<sup>3</sup>2012 Build and 2040 AADTs estimated from forecast peak hour traffic volumes



## 2<sup>nd</sup> Street Improvement Project

### 2<sup>nd</sup> Street LOS Summary

	2012		2040	
	No Build	Build	No Build	Build
2 <sup>nd</sup> St / Market St	B	A	B	B
2 <sup>nd</sup> St / Mission St	B	C	C	D
2 <sup>nd</sup> St / Howard St	B	C	F	F
2 <sup>nd</sup> St / Folsom St	E	C	F	F
2 <sup>nd</sup> St / Harrison St	D	F	F	F
2 <sup>nd</sup> St / Bryant St	F	F	F	F
2 <sup>nd</sup> St / Brannan St	B	D	C	C
2 <sup>nd</sup> St / Townsend St	B	B	E	F
2 <sup>nd</sup> St / King St	D	D	F	F

Source: Second Street Improvement Project Transportation Impact Study, Table 10



## *2<sup>nd</sup> Street Improvement Project*

- CEQA Air Quality Determination:
  - Operation of the proposed project or the project variant would not generate emissions of PM<sub>2.5</sub> and toxic air contaminants, including diesel particulate matter, at levels that would expose sensitive receptors to substantial pollutant concentrations.
  
- Other Considerations:
  - The proposed project will not generate new trips
  - The proposed project increases the mode share for people walking, biking and taking transit

