

MENLO GATEWAY PROJECT

DEIR TRANSPORTATION IMPACT ANALYSIS

Sept. 14, 2009

City of Menlo Park
Planning Commission Meeting

Menlo Gateway Project

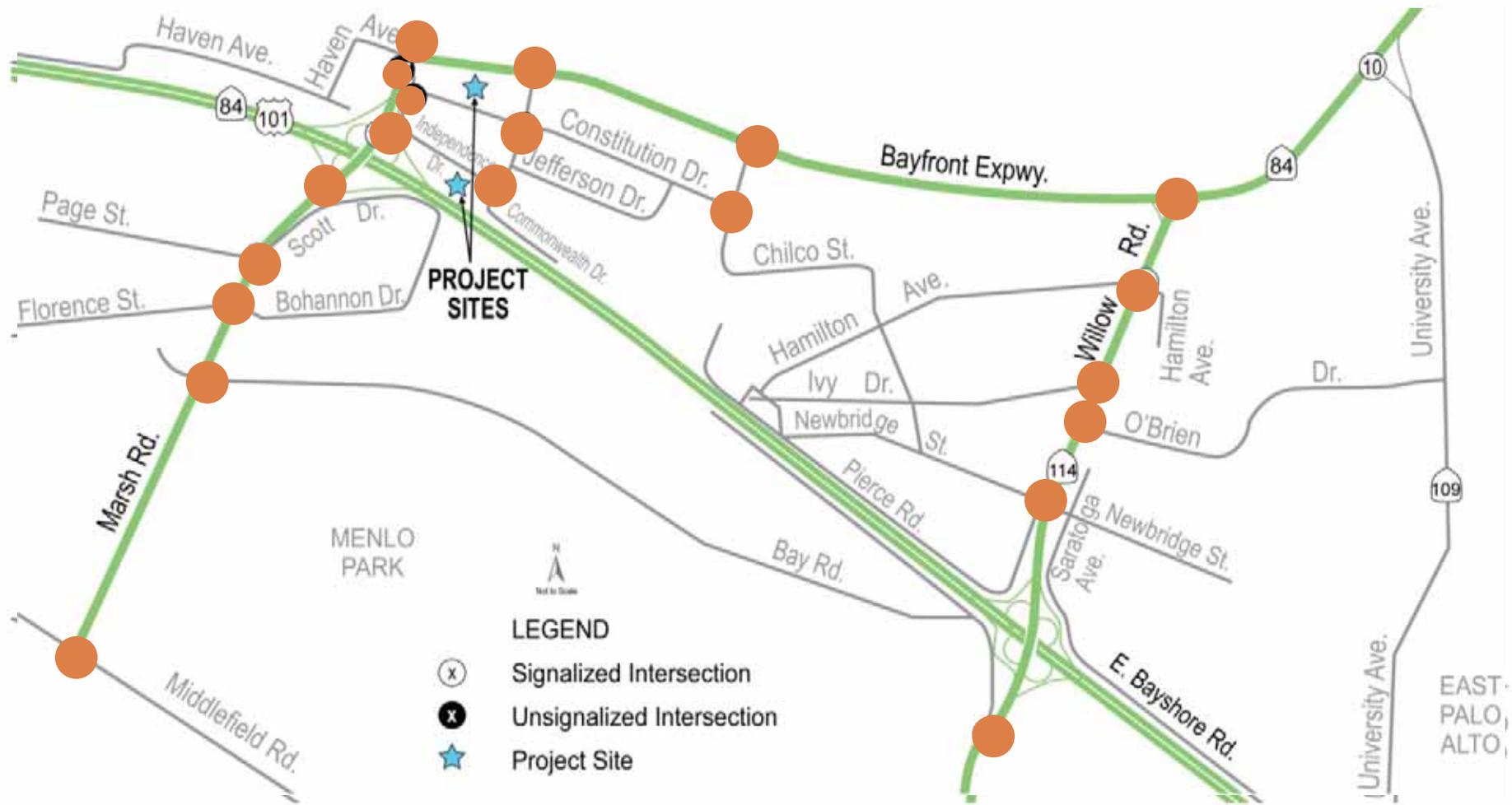


- TIA Elements
- TIA Findings
- Impacts
- Mitigation Measures
- Alternatives

TIA Elements

- Existing, Near-Term and Long-Term Conditions
- Intersection Level-of-Service (LOS) Analysis
 - ▣ 21 intersections (16 signalized, 5 unsignalized)
 - ▣ A.M. and P.M. peak periods
- Roadway Segment Analysis
 - ▣ Nine roadway segments
- Routes of Regional Significance
- Programmed/Planned Transportation Facility Improvements
- Public Transit
- Pedestrian/Bicycle Facilities
- Parking

Study Area and Study Intersections



TIA Findings

□ Project Trip Generation

Project Site	A.M. Peak	P.M. Peak	Daily
Independence Site	664	751	7,355
Existing Use	-98	-94	-698
Net New Trips	566	657	6,657
Constitution Site	767	1,234	5,776
Existing Use	-186	-148	-1,321
Net New Trips	581	1,086	4,455
Total Net New Trips	1,146	1,235	11,113

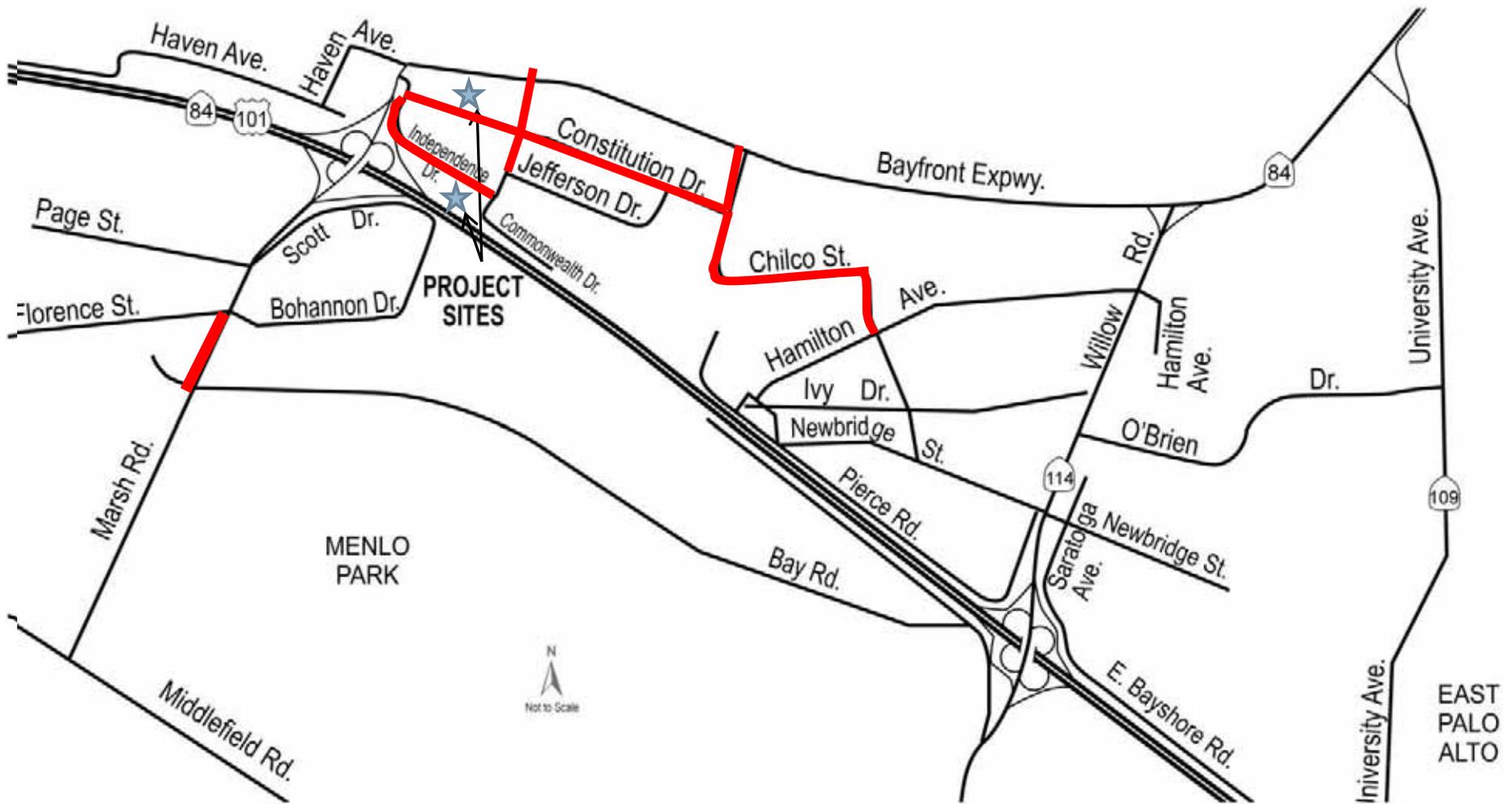
TIA Findings

- Project would result in “less- than- significant” impacts for:
 - Transit
 - Pedestrian/Bicycle Facilities
 - Parking

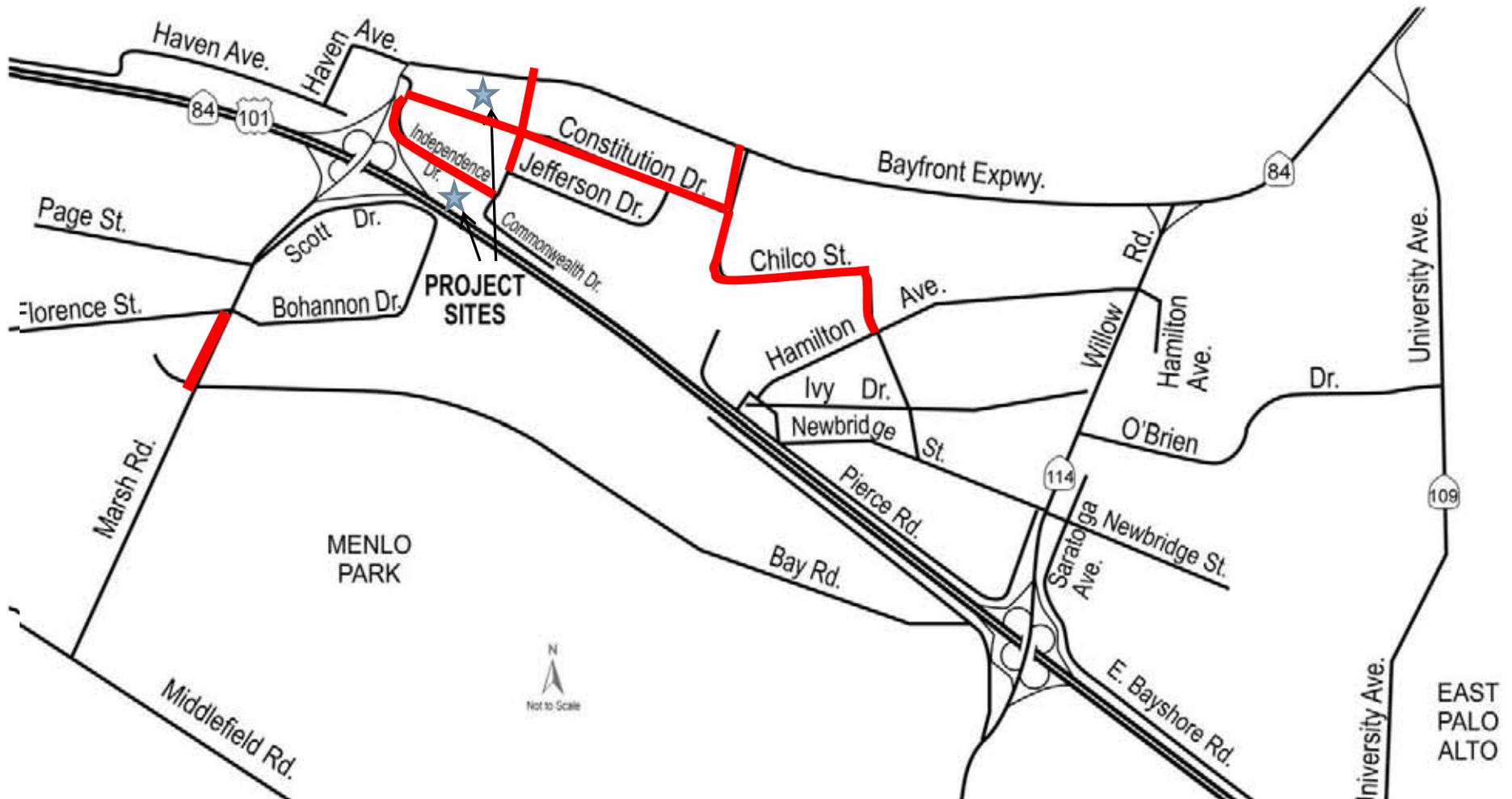
- Near-Term with Project Impacts
 - Seven intersections
 - Eight roadway segments
 - Three Routes of Regional Significance

- Long-Term with Project Impacts
 - Eleven intersections
 - Eight roadway segments
 - Three Routes of Regional Significance

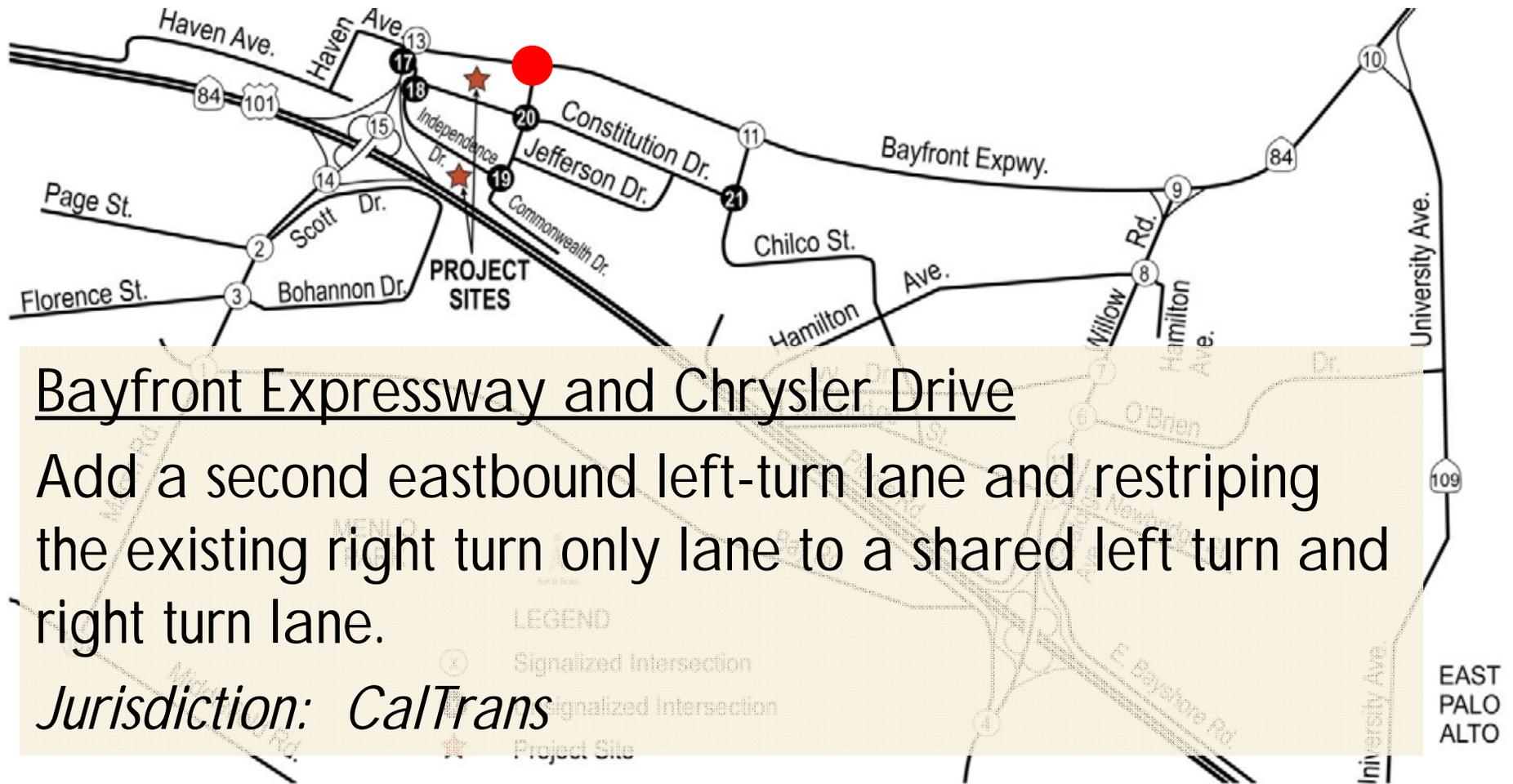
Summary of Near-Term Impacts



Summary of Long-Term Impacts



Potential Mitigations



Alternatives

	Land Use	Total Floor Area Ratio (FAR)
Project	Office and Hotel & Health Club	137.5 %
Alternative 1	Office	31.5%
Alternative 2	Office	45.0%
Alternative 3	Office and Hotel & Health Club	82.5%
Alternative 4	Office and Hotel & Health Club	110.0%
Alternative 5	Office and Hotel & Health Club	117.3%

Summary of Near-Term Impacts

Intersections							
#	Potentially Significant Impacts - Intersections / Local Approaches	Near Term	Near Term Alt 1	Near Term Alt 2	Near Term Alt 3	Near Term Alt 4	Near Term Alt 5
2	Marsh Rd/Bohannon Dr						
5	Willow Rd/Newbridge Street Critical Local Approaches	SU		SU	SU	SU	SU
9	Bayfront Expressway/Willow Rd Critical Local Approaches	SU		SU	SU	SU	SU
10	Bayfront Expressway/University Ave						
11	Bayfront Expressway/Chilco St Critical Local Approaches	SU					SU
12	Bayfront Expressway/Chrysler Dr Critical Local Approaches	SU					SU
13	Bayfront Expressway/Haven Ave Critical Local Approaches	SU			SU	SU	SU
15	Marsh Road and US 101 NB Off-Ramp						
16	Marsh Rd/Middlefield Rd (Atherton)						
18	Independence Dr/Constitution Dr	SU				SU	SU
20	Constitution Dr /Chrysler Dr	LTS					LTS

SU: Significant and Unavoidable

LTS: Less than significant

Summary of Long-Term Impacts

Intersections

#	Potentially Significant Impacts - Intersections / Local Approaches	Long Term	Long Term Alt 1	Long Term Alt 2	Long Term Alt 3	Long Term Alt 4	Long Term Alt 5
2	Marsh Rd/Bohannon Dr	SU		SU	SU	SU	SU
5	Willow Rd/Newbridge Street Critical Local Approaches	SU					
9	Bayfront Expressway/Willow Rd Critical Local Approaches	SU		SU	SU	SU	SU
10	Bayfront Expressway/University Ave	SU				SU	SU
11	Bayfront Expressway/Chilco St Critical Local Approaches	SU				SU	SU
12	Bayfront Expressway/Chrysler Dr Critical Local Approaches	SU	SU	SU	SU	SU	SU
13	Bayfront Expressway/Haven Ave Critical Local Approaches	SU		SU	SU	SU	SU
15	Marsh Road and US 101 NB Off-Ramp	SU					
16	Marsh Rd/Middlefield Rd (Atherton)	SU			SU	SU	SU
18	Independence Dr/Constitution Dr	SU				SU	SU
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