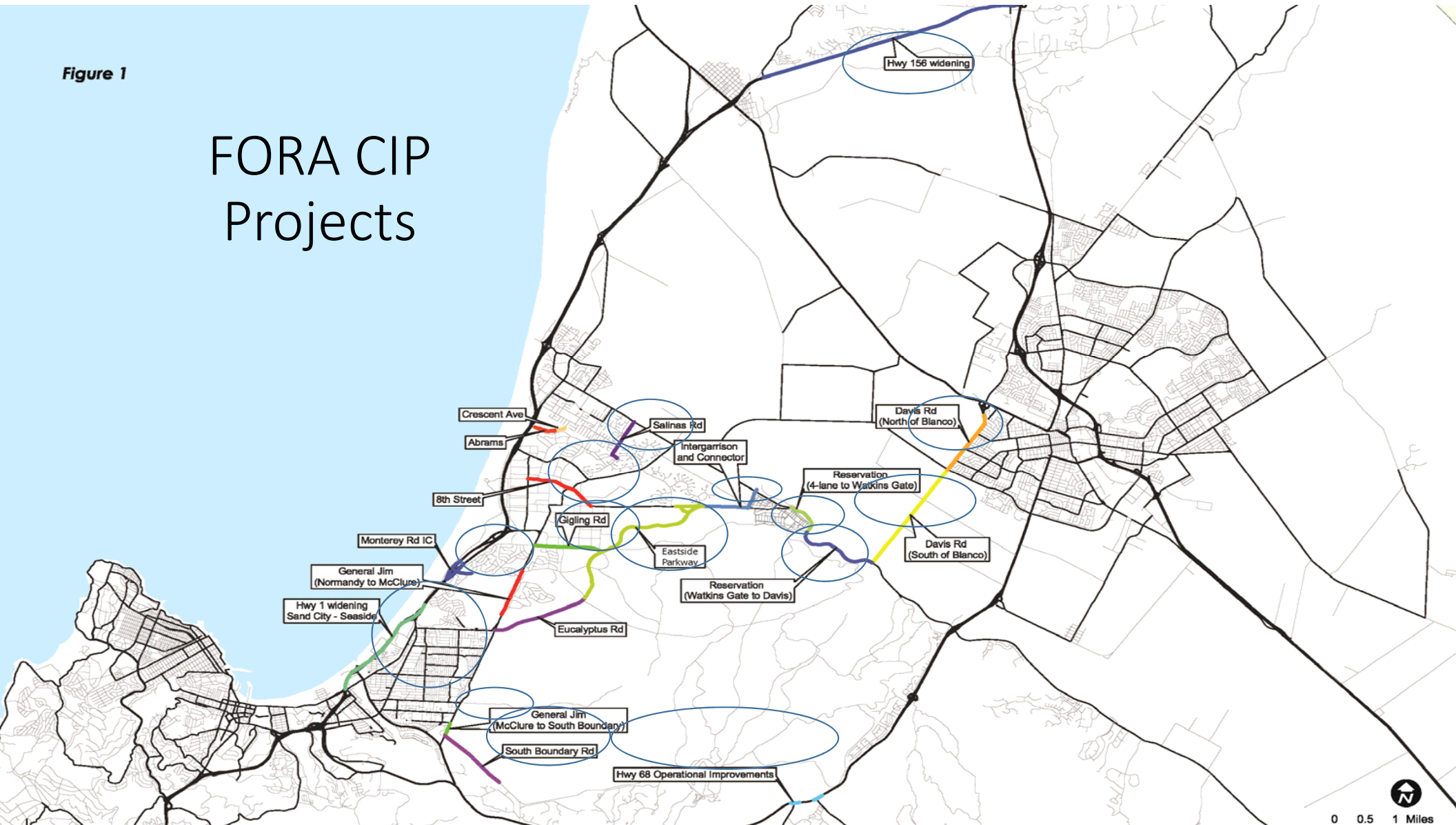


Agenda: 11-30-2016 FORA TIF

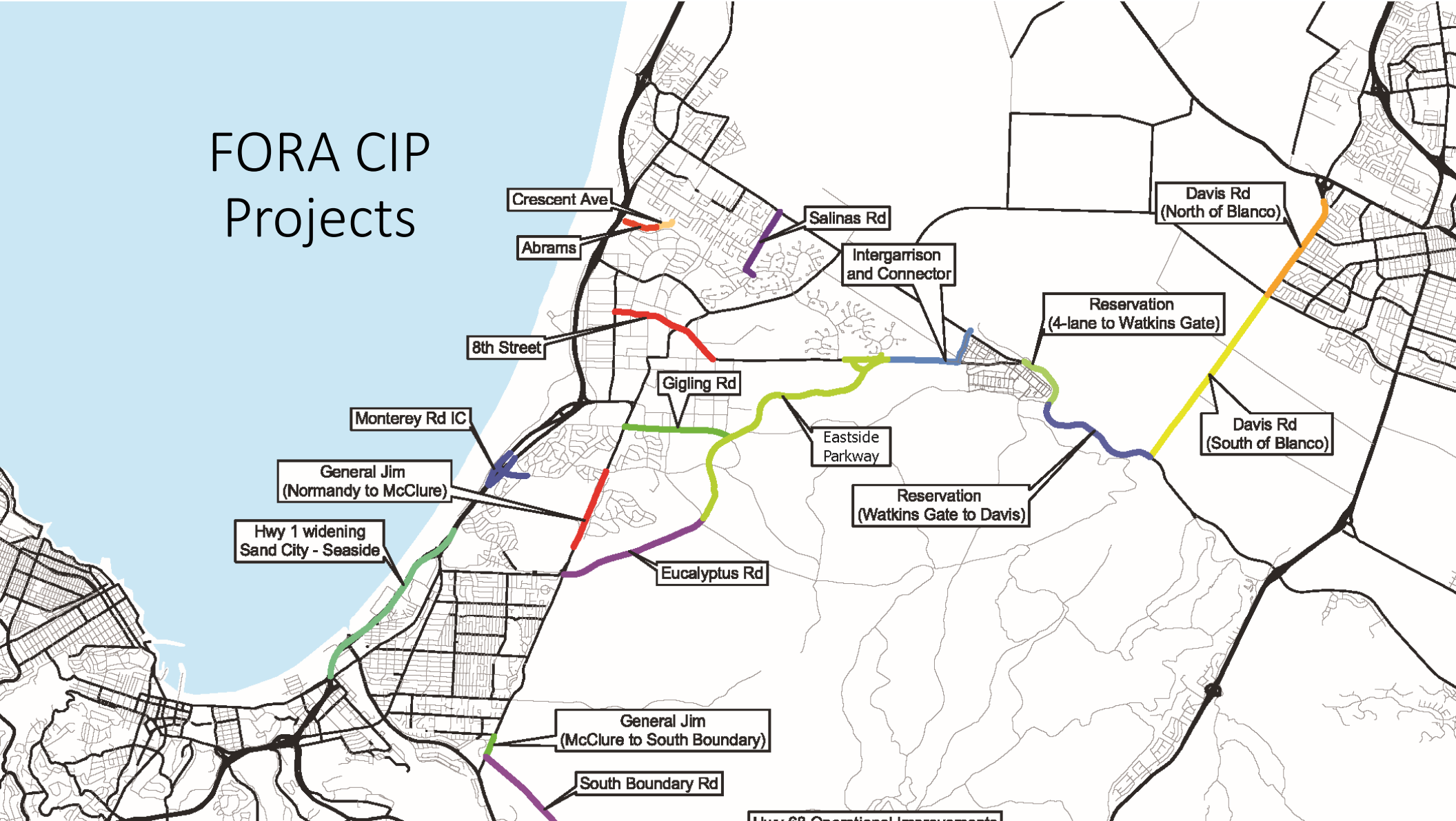
1. Regional road network with and without FORA CIP LOS
2. Highway 1 widening between Fremont and Del Monte
3. Marina – 2nd Ave

Figure 1

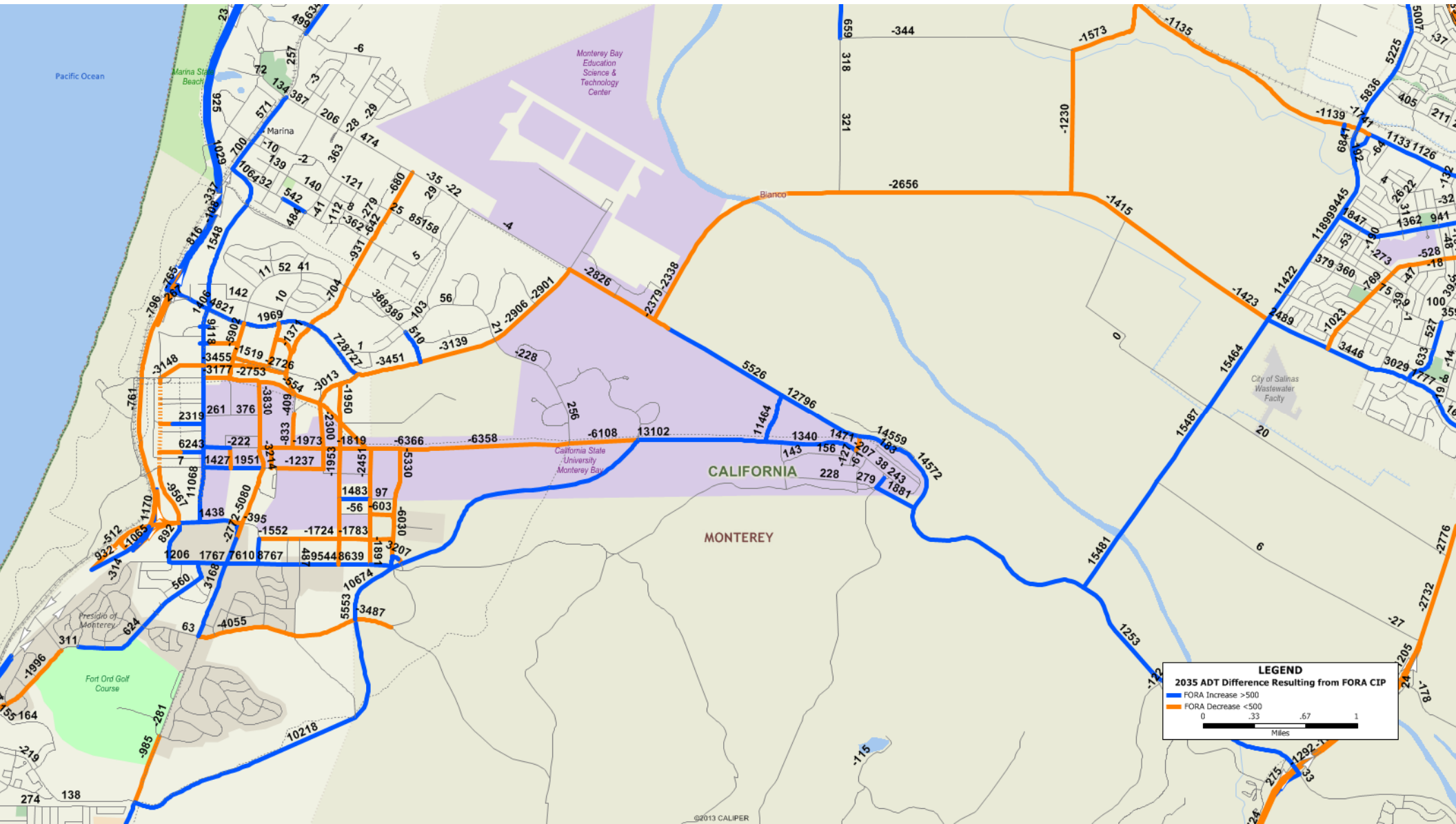
FORA CIP Projects



FORA CIP Projects







Pacific Ocean

Marina State Beach

Marina

Monterey Bay Education Science & Technology Center

Bianco

City of Salinas Wastewater Facility

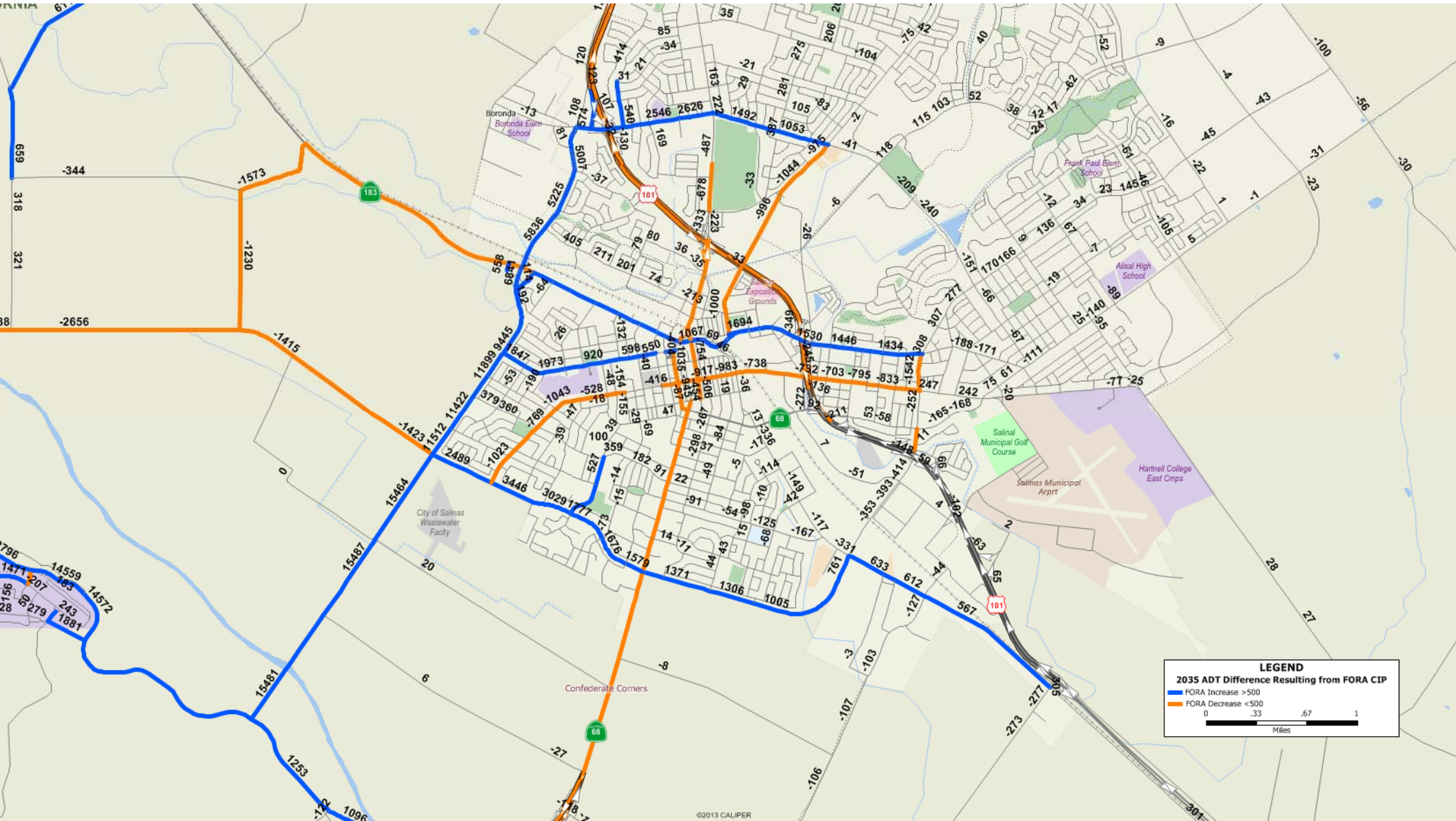
CALIFORNIA

MONTEREY

California State University Monterey Bay

Presidio of Monterey

Fort Ord Golf Course



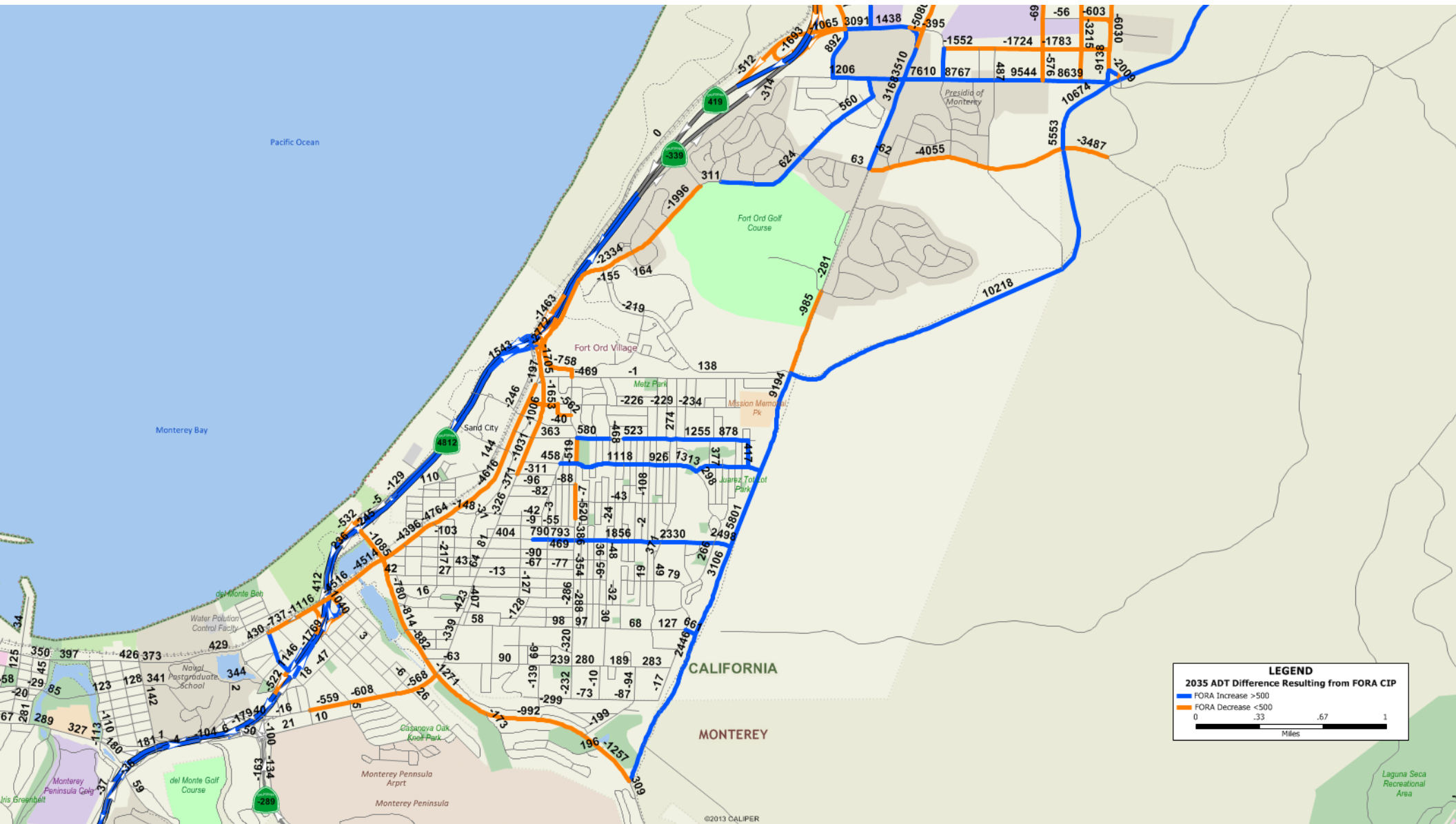
LEGEND

2035 ADT Difference Resulting from FORA CIP

- FORA Increase >500
- FORA Decrease <500

0 .33 .67 1

Miles



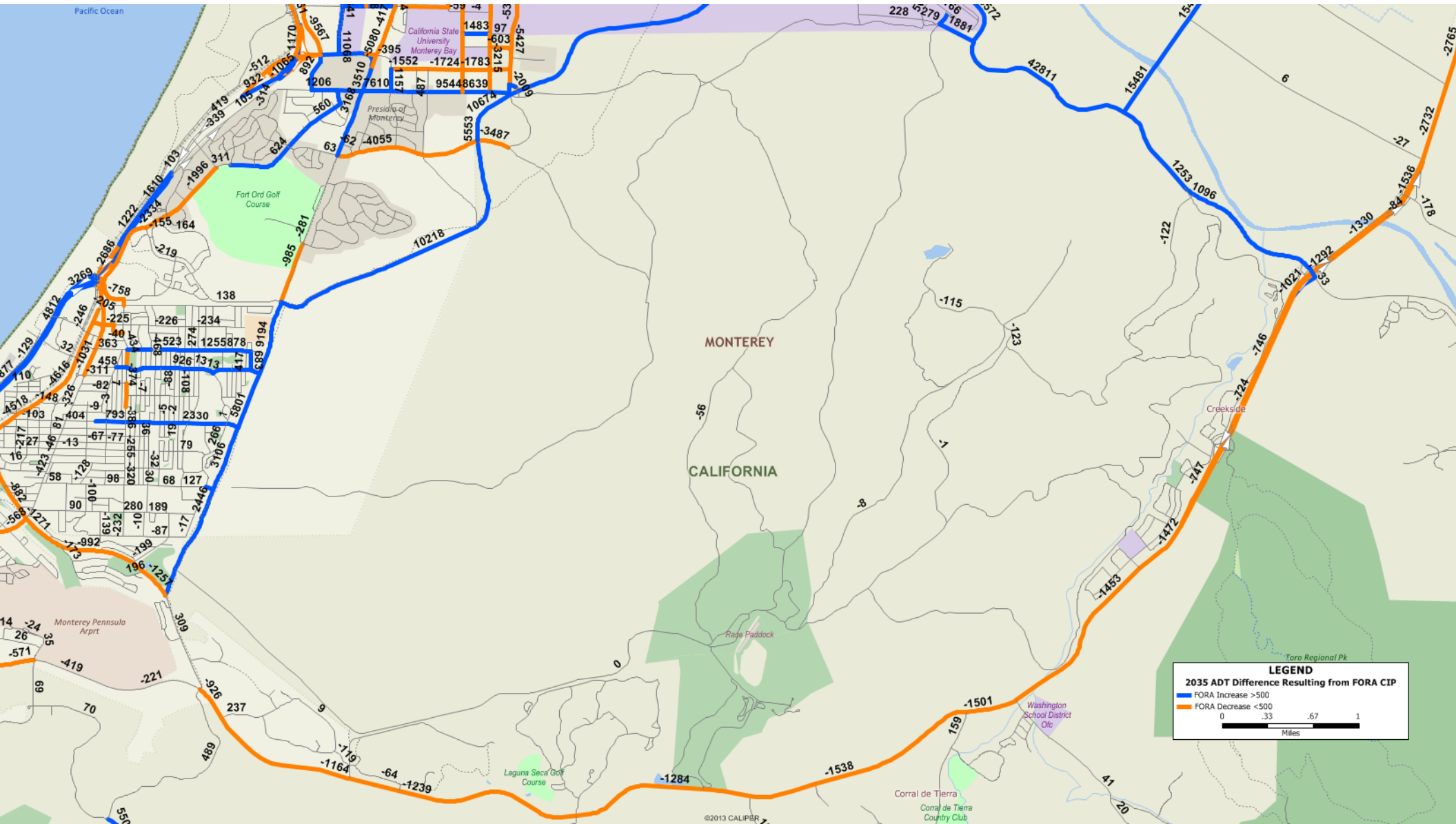
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2035 ADT Difference Resulting from FORA CIP

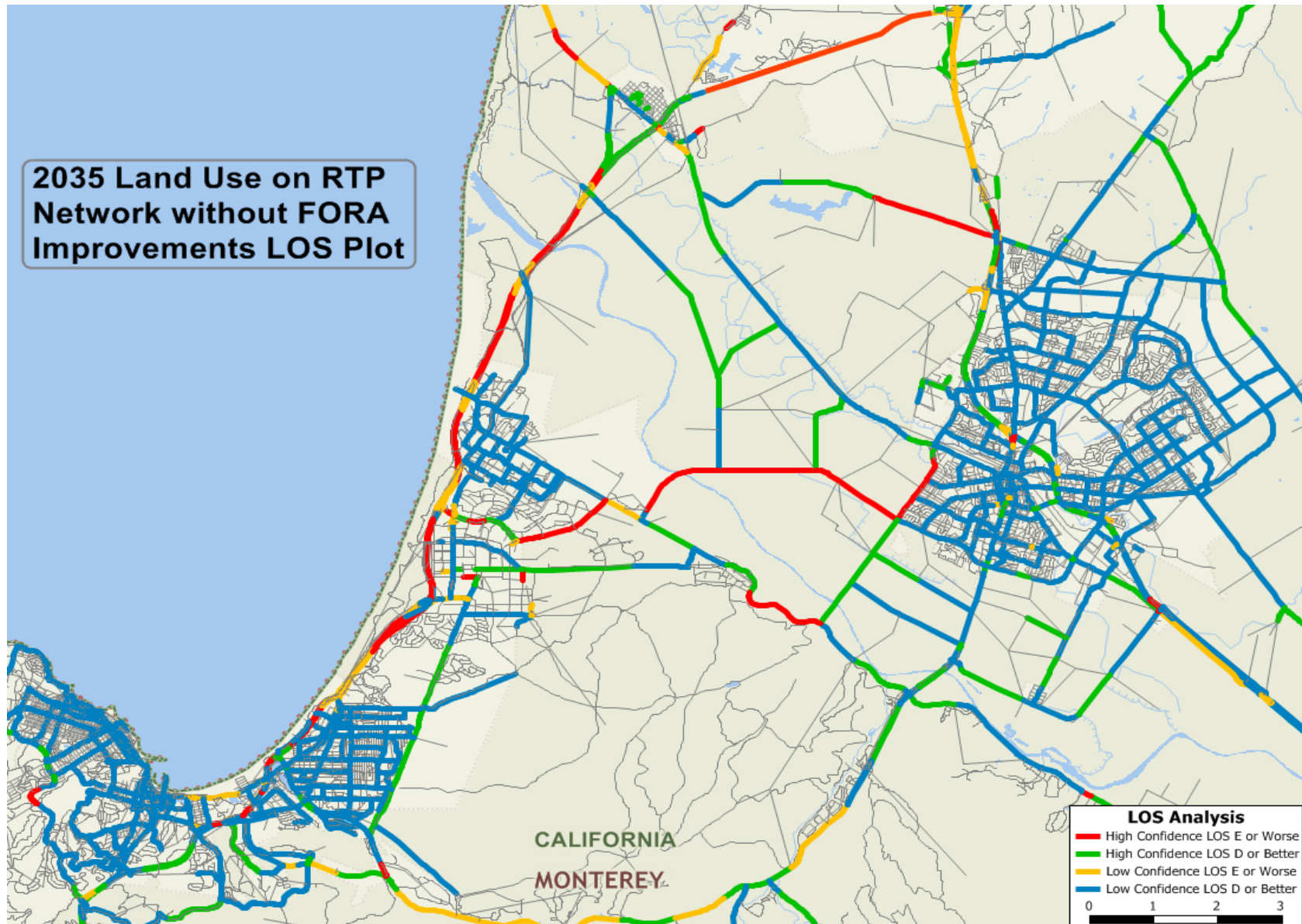
- FORA Increase >500
- FORA Decrease <500

0 .33 .67 1

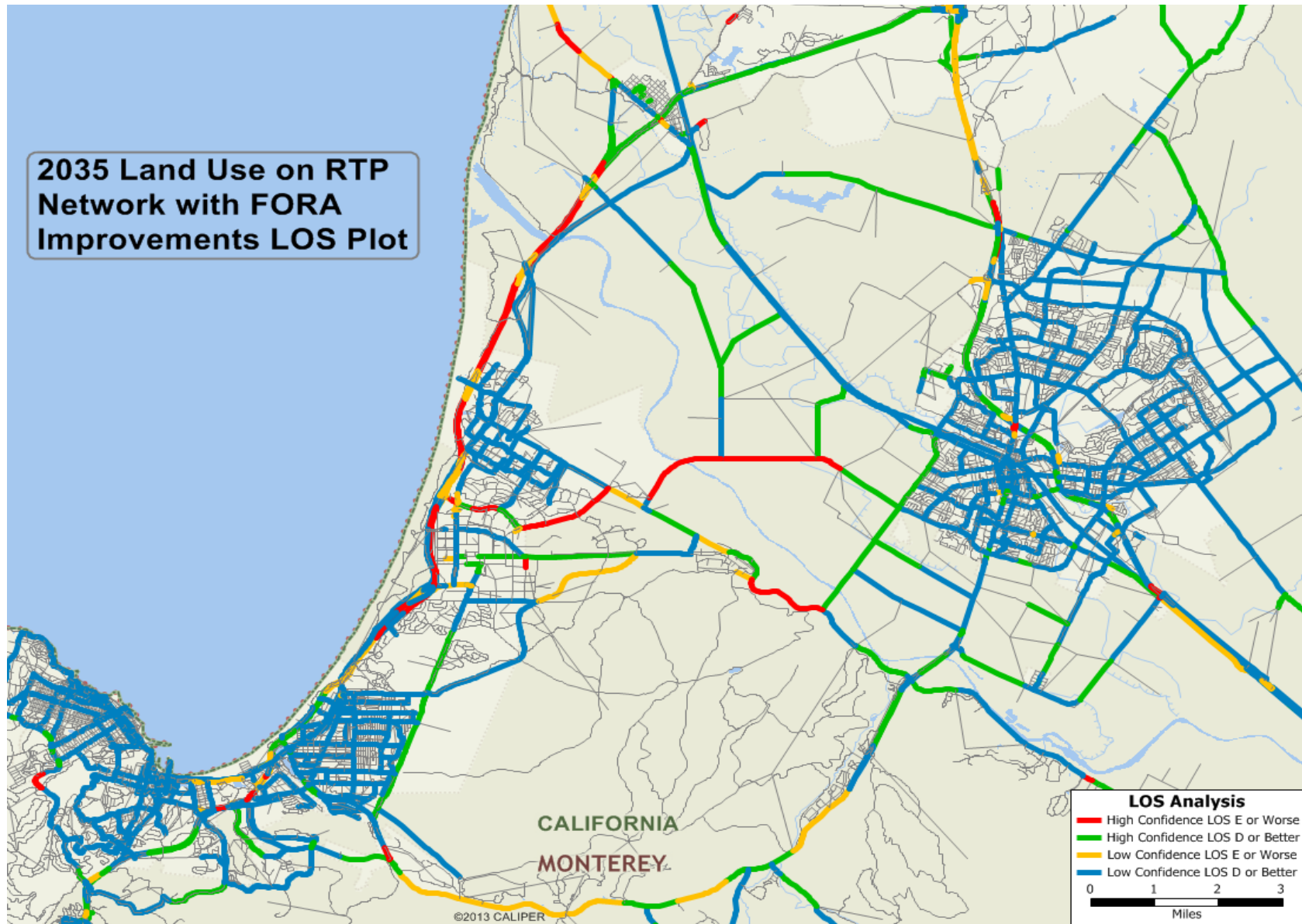
Miles



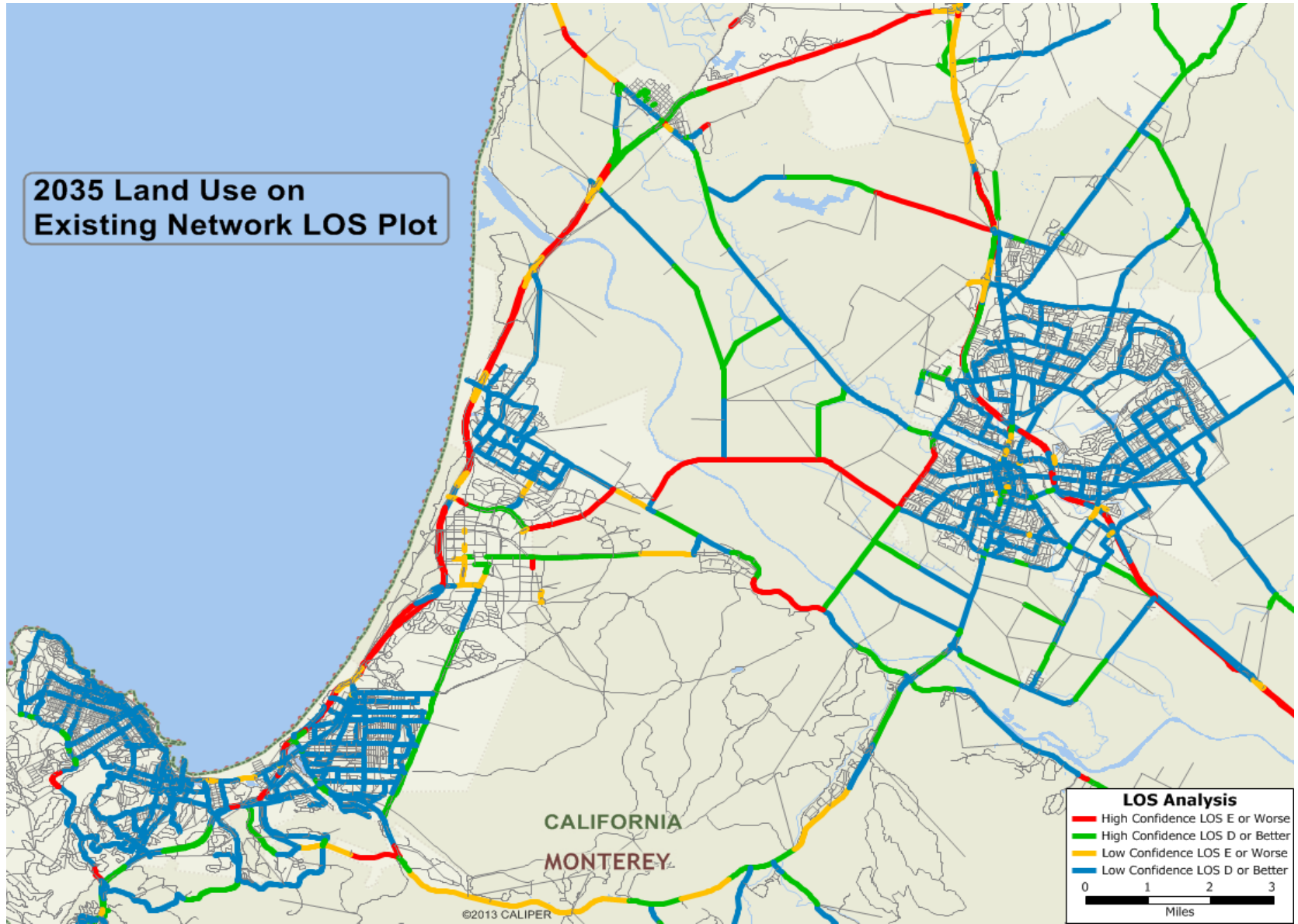
**2035 Land Use on RTP
Network without FORA
Improvements LOS Plot**



**2035 Land Use on RTP
Network with FORA
Improvements LOS Plot**



2035 Land Use on Existing Network LOS Plot



2035 LU Scenario on Existing Road Network

Roadway	FORA Project Descriptions	2035 LOS on Existing Network					
		Direction	AM	PM	Direction	AM	PM
Highway 1	4→6 Lanes (Fremont to Del Monte)	SB	C	E	NB	E	F
Monterey Rd Interchange	New Interchange @ Monterey Rd/Hwy 1	NB Off	N/A	N/A	SB Off	N/A	N/A
		NB On	N/A	N/A	SB On	N/A	N/A
Highway 156	4 Lane Freeway	EB	C	E	WB	E	C
Highway 68	Operational Improvements	EB	B	D	WB	C	C
Davis Road	4 Lanes SR-183→Blanco Rd	SB	E	D	NB	C	F
Davis Road	4 Lanes Blanco Rd→Reservation Rd	NB	B	C	SB	B	B
Reservation Road	4 Lanes East Garrison Gate→Watkins Gate	EB	A	C	WB	B	B
Reservation Road	4 Lanes Watkins Gate→Davis Rd	EB	B	E	WB	E	C
Crescent Court	Extension→Abram Dr	SB	N/A	N/A	NB	N/A	N/A
Abrams Road	2 Lanes→Crescent Ct	EB	N/A	N/A	WB	N/A	N/A
8th Street	2 Lanes 2nd Ave→Intergarrison Rd	WB	B	C	EB	C	B
Inter-Garrison	4 Lanes Eastside Pkwy→Reservation Rd	WB/SB	E	C	EB/NB	B	E
Gigling Road	4 Lanes General Jim Moore Blvd→Eastside Rd	EB	C	E	WB	E	C
General Jim Moore Blvd	2→4 Lanes Normandy Rd→McClure Way ✓	SB	A	B	NB	B	A
General Jim Moore Blvd	2→4 Lanes McClure Way→Coe Ave ✓	SB	A	B	NB	A	A
General Jim Moore Blvd	2→4 Lanes Coe Ave→S Boundary Rd ✓	SB	B	B	NB	A	B
Salinas Avenue	2 Lanes Reservation Rd→Abrams Dr	SB	A	A	NB	A	A
Eucalyptus Road	2 Lanes General Jim Moore Blvd→Parker Flats ✓	WB	A	A	EB	A	A
Eastside Parkway	2 Lanes Eucalyptus Rd→Schoonover Dr	WB	N/A	N/A	EB	N/A	N/A
South Boundary	2 Lanes General Jim Moore Blvd→York Blvd	EB	C	E	WB	C	E

2035 LU Scenario with FORA CIP Projects on RTP Road Network

Roadway	FORA Project Descriptions	2035 LOS with FORA Projects					
		Direction	AM	PM	Direction	AM	PM
Highway 1	4→6 Lanes (Fremont to Del Monte)	SB	C	D	NB	D	D
Monterey Rd Interchange	New Interchange @ Monterey Rd/Hwy 1	NB Off	A	A	SB Off	A	A
		NB On	A	A	SB On	A	A
Highway 156	4 Lane Freeway	EB	B	C	WB	C	B
Highway 68	Operational Improvements	EB	A	C	WB	B	B
Davis Road	4 Lanes SR-183→Blanco Rd	SB	D	C	NB	B	D
Davis Road	4 Lanes Blanco Rd→Reservation Rd	NB	B	D	SB	D	B
Reservation Road	4 Lanes East Garrison Gate→Watkins Gate	EB	B	D	WB	D	B
Reservation Road	4 Lanes Watkins Gate→Davis Rd	EB	B	E	WB	E	C
Crescent Court	Extension→Abram Dr	SB	A	A	NB	A	A
Abrams Road	2 Lanes→Crescent Ct	EB	A	A	WB	A	A
8th Street	2 Lanes 2nd Ave→Intergarrison Rd	WB	A	A	EB	B	A
Inter-Garrison	4 Lanes Eastside Pkwy→Reservation Rd	WB/SB	D	C	EB/NB	C	D
Gigling Road	4 Lanes General Jim Moore Blvd→Eastside Rd	EB	C	C	WB	C	C
General Jim Moore Blvd	2→4 Lanes Normandy Rd→McClure Way ✓	SB	A	B	NB	B	A
General Jim Moore Blvd	2→4 Lanes McClure Way→Coe Ave ✓	SB	A	B	NB	A	A
General Jim Moore Blvd	2→4 Lanes Coe Ave→S Boundary Rd ✓	SB	B	C	NB	C	B
Salinas Avenue	2 Lanes Reservation Rd→Abrams Dr	SB	A	A	NB	A	A
Eucalyptus Road	2 Lanes General Jim Moore Blvd→Parker Flats ✓	WB	B	B	EB	B	B
Eastside Parkway	2 Lanes Eucalyptus Rd→Schoonover Dr	WB	E	C	EB	C	D
South Boundary	2 Lanes General Jim Moore Blvd→York Blvd	EB	B	B	WB	B	B

Comparison: 2035 LU Scenario with FORA CIP Projects and Existing Network

Roadway	FORA Project Descriptions	Direction	2035 LOS on Existing Network		2035 LOS with FORA Projects		Direction	2035 LOS on Existing Network		2035 LOS with FORA Projects	
			AM	PM	AM	PM		AM	PM	AM	PM
Highway 1	4→6 Lanes (Fremont to Del Monte)	SB	C	E	C	D	NB	E	F	D	D
Monterey Rd Interchange	New Interchange @ Monterey Rd/Hwy 1	NB Off	N/A	N/A	A	A	SB Off	N/A	N/A	A	A
		NB On	N/A	N/A	A	A	SB On	N/A	N/A	A	A
Highway 156	4 Lane Freeway	EB	C	E	B	C	WB	E	C	C	B
Highway 68	Operational Improvements	EB	B	D	A	C	WB	C	C	B	B
Davis Road	4 Lanes SR-183→Blanco Rd	SB	E	D	D	C	NB	C	F	B	D
Davis Road	4 Lanes Blanco Rd→Reservation Rd	NB	B	C	B	D	SB	B	B	D	B
Reservation Road	4 Lanes East Garrison Gate→Watkins Gate	EB	A	C	B	D	WB	B	B	D	B
Reservation Road	4 Lanes Watkins Gate→Davis Rd	EB	B	E	B	E	WB	E	C	E	C
Crescent Court	Extension→Abram Dr	SB	N/A	N/A	A	A	NB	N/A	N/A	A	A
Abrams Road	2 Lanes→Crescent Ct	EB	N/A	N/A	A	A	WB	N/A	N/A	A	A
8th Street	2 Lanes 2nd Ave→Intergarrison Rd	WB	B	C	A	A	EB	C	B	B	A
Inter-Garrison	4 Lanes Eastside Pkwy→Reservation Rd	WB/SB	E	C	D	C	EB/NB	B	E	C	D
Gigling Road	4 Lanes General Jim Moore Blvd→Eastside Rd	EB	C	E	C	C	WB	E	C	C	C
General Jim Moore Blvd	2→4 Lanes Normandy Rd→McClure Way ✓	SB	A	B	A	B	NB	B	A	B	A
General Jim Moore Blvd	2→4 Lanes McClure Way→Coe Ave ✓	SB	A	B	A	B	NB	A	A	A	A
General Jim Moore Blvd	2→4 Lanes Coe Ave→S Boundary Rd ✓	SB	B	B	B	C	NB	A	B	C	B
Salinas Avenue	2 Lanes Reservation Rd→Abrams Dr	SB	A	A	A	A	NB	A	A	A	A
Eucalyptus Road	2 Lanes General Jim Moore Blvd→Parker Flats ✓	WB	A	A	B	B	EB	A	A	B	B
Eastside Parkway	2 Lanes Eucalyptus Rd→Schoonover Dr	WB	N/A	N/A	E	C	EB	N/A	N/A	C	D
South Boundary	2 Lanes General Jim Moore Blvd→York Blvd	EB	C	E	B	B	WB	C	E	B	B

2035 LU Scenario without FORA CIP Projects on RTP Road Network

Roadway	FORA Project Descriptions	2035 LOS without FORA Projects					
		Direction	AM	PM	Direction	AM	PM
Highway 1	4→6 Lanes (Fremont to Del Monte)	SB	C	E	NB	E	F
Monterey Rd Interchange	New Interchange @ Monterey Rd/Hwy 1	NB Off	N/A	N/A	SB Off	N/A	N/A
		NB On	N/A	N/A	SB On	N/A	N/A
Highway 156	4 Lane Freeway	EB	E	C	WB	C	E
Highway 68	Operational Improvements	EB	A	D	WB	C	B
Davis Road	4 Lanes SR-183→Blanco Rd	SB	D	D	NB	C	E
Davis Road	4 Lanes Blanco Rd→Reservation Rd	NB	B	C	SB	B	B
Reservation Road	4 Lanes East Garrison Gate→Watkins Gate	EB	A	C	WB	B	B
Reservation Road	4 Lanes Watkins Gate→Davis Rd	EB	B	E	WB	E	C
Crescent Court	Extension→Abram Dr	SB	N/A	N/A	NB	N/A	N/A
Abrams Road	2 Lanes→Crescent Ct	EB	N/A	N/A	WB	N/A	N/A
8th Street	2 Lanes 2nd Ave→Intergarrison Rd	WB	B	B	EB	B	B
Inter-Garrison	4 Lanes Eastside Pkwy→Reservation Rd	WB/SB	D	B	EB/NB	B	D
Gigling Road	4 Lanes General Jim Moore Blvd→Eastside Rd	EB	C	E	WB	E	C
General Jim Moore Blvd	2→4 Lanes Normandy Rd→McClure Way ✓	SB	A	C	NB	B	A
General Jim Moore Blvd	2→4 Lanes McClure Way→Coe Ave ✓	SB	A	B	NB	B	A
General Jim Moore Blvd	2→4 Lanes Coe Ave→S Boundary Rd ✓	SB	B	B	NB	A	B
Salinas Avenue	2 Lanes Reservation Rd→Abrams Dr	SB	A	A	NB	A	A
Eucalyptus Road	2 Lanes General Jim Moore Blvd→Parker Flats ✓	WB	A	A	EB	A	A
Eastside Parkway	2 Lanes Eucalyptus Rd→Schoonover Dr	WB	N/A	N/A	EB	N/A	N/A
South Boundary	2 Lanes General Jim Moore Blvd→York Blvd	EB	B	B	WB	B	B

Comparison: 2035 LU Scenario with FORA CIP Projects and RTP Projects w/out FORA CIP Projects

Roadway	FORA Project Descriptions	Direction	2035 LOS without FORA Projects		2035 LOS with FORA Projects		Direction	2035 LOS without FORA Projects		2035 LOS with FORA Projects	
			AM	PM	AM	PM		AM	PM	AM	PM
Highway 1	4→6 Lanes (Fremont to Del Monte)	SB	C	E	C	D	NB	E	F	D	D
Monterey Rd Interchange	New Interchange @ Monterey Rd/Hwy 1	NB Off	N/A	N/A	A	A	SB Off	N/A	N/A	A	A
		NB On	N/A	N/A	A	A	SB On	N/A	N/A	A	A
Highway 156	4 Lane Freeway	EB	E	C	B	C	WB	C	E	C	B
Highway 68	Operational Improvements	EB	A	D	A	C	WB	C	B	B	B
Davis Road	4 Lanes SR-183→Blanco Rd	SB	D	D	D	C	NB	C	E	B	D
Davis Road	4 Lanes Blanco Rd→Reservation Rd	NB	B	C	B	D	SB	B	B	D	B
Reservation Road	4 Lanes East Garrison Gate→Watkins Gate	EB	A	C	B	D	WB	B	B	D	B
Reservation Road	4 Lanes Watkins Gate→Davis Rd	EB	B	E	B	E	WB	E	C	E	C
Crescent Court	Extension→Abram Dr	SB	N/A	N/A	A	A	NB	N/A	N/A	A	A
Abrams Road	2 Lanes→Crescent Ct	EB	N/A	N/A	A	A	WB	N/A	N/A	A	A
8th Street	2 Lanes 2nd Ave→Intergarrison Rd	WB	B	B	A	A	EB	B	B	B	A
Inter-Garrison	4 Lanes Eastside Pkwy→Reservation Rd	WB/SB	D	B	D	C	EB/NB	B	D	C	D
Gigling Road	4 Lanes General Jim Moore Blvd→Eastside Rd	EB	C	E	C	C	WB	E	C	C	C
General Jim Moore Blvd	2→4 Lanes Normandy Rd→McClure Way ✓	SB	A	C	A	B	NB	B	A	B	A
General Jim Moore Blvd	2→4 Lanes McClure Way→Coe Ave ✓	SB	A	B	A	B	NB	B	A	A	A
General Jim Moore Blvd	2→4 Lanes Coe Ave→S Boundary Rd ✓	SB	B	B	B	C	NB	A	B	C	B
Salinas Avenue	2 Lanes Reservation Rd→Abrams Dr	SB	A	A	A	A	NB	A	A	A	A
Eucalyptus Road	2 Lanes General Jim Moore Blvd→Parker Flats ✓	WB	A	A	B	B	EB	A	A	B	B
Eastside Parkway	2 Lanes Eucalyptus Rd→Schoonover Dr	WB	N/A	N/A	E	C	EB	N/A	N/A	C	D
South Boundary	2 Lanes General Jim Moore Blvd→York Blvd	EB	B	B	B	B	WB	B	B	B	B

Eliminate Highway 1 Widening

- Insufficient funding for Highway 1 widening between Fremont and Del Monte
- Coastal Commission
- Retain Monterey Interchange
- Retain Fremont Interchange operational improvements
- Can transit offset the Hwy 1 trips that would result from the widening improvement and relieve congestion in Marina and Seaside?
 - Bus on shoulder and/or branch Line
 - Local MST bus service

Eliminate Highway 1 Widening Nexus

- Review OD matrix for Highway 1 traffic
- Potential trip allocation to transit
- Where will the trips shift to?

Marina – 2nd Avenue

- City Discussion