



MCTC 2018 Regional
Transportation Plan /
Sustainable Communities
Strategy & Program
Environmental Impact Report

Roundtable Workshop
December 14, 2017



MCTC 2018 RTP / SCS & PEIR



Presentation Overview:

- Welcome
- Introductions
- Presentation – RTP / SCS Scenario Alternatives
 - ✓ Scenario Development Process
 - ✓ Preliminary Alternative Scenarios
 - ✓ Alternative Scenario Parameters
 - ✓ Alternative Scenario Priorities for Growth & Development
- Next Steps/Schedule
- Questions?
- Open House



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Presentation – RTP/SCS Scenario Alternatives

■ Scenario Development Process Considered:

- ✓ Adopted 2014 RTP/SCS Scenario and Results
- ✓ Roundtable, Local Agency & Public Input
 - 2017 Fall Public Workshops (Polling, Charrette Exercises, & Comments)
 - On-Line Surveys
 - Pop-Up Event Surveys and Comments
 - Roundtable Meeting Discussion
 - Local Agency Input





Presentation – RTP/SCS Scenario Alternatives

■ Preliminary Alternative Scenarios

- ✓ 2014 RTP/SCS (Adopted – No Project) Growth Alternative (2040)
 - ✓ Applied moderately higher housing density/share and employment share/intensities reflected in the local agency general plans with enhanced transit improvements
 - ✓ Population and employment projections are higher than current forecasts
 - ✓ Changes in population/HH & employment/HH between 2014 & 2018
 - ✓ Land use consumed would be higher than for the Status Quo or Moderate Alternatives
- ✓ 2018 RTP/SCS Status Quo Growth Alternative (Year 2042)
 - ✓ Applied the mid-range housing density/share and employment share/intensities reflected in the local agency general plans with no enhanced transit improvements
 - ✓ Land Use consumed would be higher than for the Moderate Alternatives
- ✓ 2018 RTP/SCS Moderate Growth Alternative (Year 2042)
 - ✓ Applied moderately higher housing density/share and employment share/intensities reflected in the local agency general plans with enhanced transit improvements
 - ✓ Land Use consumed would be lower than for the Status Quo or No Project Alternatives

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RTP/SCS Scenario Alternative Parameters

Madera City

PARAMETERS		2014		2018
		Status Quo	Low Change	Moderate Change
1	Demographic Shift in Housing Share	5,808	5,808	5,808
	Very Low	0.0%	0.0%	0.0%
	Low	1.8%	1.8%	1.0%
	Medium	82.0%	71.0%	65.0%
	Medium High	13.0%	20.0%	22.0%
	High	3.2%	7.2%	12.0%
		100%	100%	100%
2	Change in Lot Sizes			
	Very Low	20 ac (0.05 du/ac)	20 ac (0.05 du/ac)	20 ac (0.05 du/ac)
	Low	1 ac (1.0 du/ac)	1 ac (1.0 du/ac)	1 ac (1.0 du/ac)
	Medium	0.16 ac (6.25 du/ac)	0.13 ac (7.7 du/ac)	0.11 ac (9.1 du/ac)
	Medium High	0.08 ac (12.5 du/ac)	0.07 ac (14.3 du/ac)	0.063 ac (15.88 du/ac)
	High	0.05 ac (20 du/ac)	0.045 ac (22.2 du/ac)	0.04 ac (25 du/ac)
3	Persons Per Household	3.00	3.00	3.00
	Employees Per Houshold	1.76	1.76	1.76
4	Demographic Shift in Employment Share	10211	10,211	10,211
	Industrial	30.0%	30.0%	30.0%
	Commercial Low	60.0%	60.0%	55.0%
	Commercial High	10.0%	10.0%	15.0%
		100%	100%	100%
5	Change in Intensities			
	Industrial	0.25 FAR (825 sf/emp)	0.25 FAR (825 sf/emp)	0.25 FAR (825 sf/emp)
	Commercial Low	0.3 FAR (500 sf/emp)	0.325 FAR (500 sf/emp)	0.325 FAR (500 sf/emp)
	Commercial High	0.425 FAR (400 sf/emp)	0.45 FAR (400 sf/emp)	0.45 FAR (400 sf/emp)
7	Transportation Enhancements	New Freeway Ramps	Regional Transit Network (RTN)	
			Enhanced Existing Transit	

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RTP/SCS Scenario Alternative Parameters

Chowchilla City

PARAMETERS		2014		2018
		Status Quo	Hybrid Change	Moderate Change
1	Demographic Shift in Housing Share	1,285	1,285	1,285
	Very Low	0.3%	0.3%	0.3%
	Low	6.5%	6.5%	6.5%
	Medium	80.0%	80.0%	80.0%
	Medium High	12.5%	12.5%	12.5%
	High	0.8%	0.8%	0.8%
		100%	100%	100%
2	Change in Lot Sizes			
	Very Low	20 ac (0.05 du/ac)	20 ac (0.05 du/ac)	20 ac (0.05 du/ac)
	Low	1 ac (1.0 du/ac)	1 ac (1.0 du/ac)	1 ac (1.0 du/ac)
	Medium	0.16 ac (6.25 du/ac)	0.1428 ac (7.0 du/ac)	0.1428 ac (7.0 du/ac)
	Medium High	0.08 ac (12.5 du/ac)	0.07 ac (14.3 du/ac)	0.068 ac (14.76 du/ac)
	High	0.05 ac (20 du/ac)	0.045 ac (22.2 du/ac)	0.04 ac (25 du/ac)
3	Persons Per Household	3.13	3.13	3.13
	Employees Per Houshold	1.54	1.54	1.54
4	Demographic Shift in Employment Share	1,973	1,973	1,973
	Industrial	24.0%	24.0%	24.0%
	Commercial Low	67.8%	67.8%	67.8%
	Commercial High	8.2%	8.2%	8.2%
		100%	100%	100%
5	Change in Intensities			
	Industrial	0.2 FAR (825 sf/emp)	0.22 FAR (825 sf/emp)	0.22 FAR (825 sf/emp)
	Commercial Low	0.2 FAR (500 sf/emp)	0.25 FAR (500 sf/emp)	0.25 FAR (500 sf/emp)
	Commercial High	0.4 FAR (400 sf/emp)	0.4 FAR (400 sf/emp)	0.4 FAR (400 sf/emp)
7	Transportation Enhancements	New Freeway Ramps	Regional Transit Network (RTN)	
			Enhanced Existing Transit	

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RTP/SCS Scenario Alternative Parameters

Southeast Madera

PARAMETERS		2014			2018
		Status Quo	Low Change	Hybrid Change	Moderate Change
1	Demographic Shift in Housing Share	7,815	7,815	7,815	7,815
	Very Low	0.1%	0.1%	0.05%	0.1%
	Low	4.2%	4.2%	3.0%	3.0%
	Medium	82.0%	74.8%	70.8%	70.8%
	Medium High	12.0%	18.2%	20.2%	20.2%
	High	1.8%	2.8%	6.0%	6.0%
		100%	100%	100%	100%
2	Change in Lot Sizes				
	Very Low	20 ac (0.05 du/ac)	20 ac (0.05 du/ac)	20 ac (0.05 du/ac)	20 ac (0.05 du/ac)
	Low	1 ac (1.0 du/ac)	1 ac (1.0 du/ac)	1 ac (1.0 du/ac)	1 ac (1.0 du/ac)
	Medium	0.16 ac (6.25 du/ac)	0.13 ac (7.7 du/ac)	0.13 ac (7.7 du/ac)	0.11 ac (9.1 du/ac)
	Medium High	0.08 ac (12.5 du/ac)	0.07 ac (14.3 du/ac)	0.068 ac (14.76 du/ac)	0.063 ac (15.88 du/ac)
	High	0.05 ac (20 du/ac)	0.045 ac (22.2 du/ac)	0.04 ac (25 du/ac)	0.04 ac (25 du/ac)
3	Persons Per Household	2.84	2.84	2.84	2.84
	Employees Per Houshold	0.56	0.56	0.56	0.56
4	Demographic Shift in Employment Share	4378	4378	4,378	4378
	Industrial	16.2%	16.2%	18.0%	16.2%
	Commercial Low	76.2%	76.2%	72.2%	76.2%
	Commercial High	7.6%	7.6%	9.8%	7.6%
		100%	100%	100%	100%
5	Change in Intensities				
	Industrial	0.2 FAR (825 sf/emp)	0.25 FAR (825 sf/emp)	0.25 FAR (825 sf/emp)	0.25 FAR (825 sf/emp)
	Commercial Low	0.2 FAR (500 sf/emp)	0.3 FAR (500 sf/emp)	0.3 FAR (500 sf/emp)	0.3 FAR (500 sf/emp)
	Commercial High	0.4 FAR (400 sf/emp)	0.45 FAR (400 sf/emp)	0.45 FAR (400 sf/emp)	0.45 FAR (400 sf/emp)
7	Transportation Enhancements	New Freeway Ramps	Regional Transit Network (RTN)		
			Enhanced Existing Transit		

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RTP/SCS Scenario Alternative Parameters

County Communities

PARAMETERS		2014		2018
		Status Quo	Hybrid Change	Moderate Change
1	Demographic Shift in Housing Share	3,520	3,520	3,520
	Very Low	3.0%	3.0%	3.0%
	Low	53.0%	53.0%	53.0%
	Medium	42.0%	42.0%	42.0%
	Medium High	2.0%	2.0%	2.0%
	High	0.0%	0.0%	0.0%
		100.00%	100.00%	100.00%
2	Change in Lot Sizes			
	Very Low	20 ac (0.05 du/ac)	20 ac (0.05 du/ac)	20 ac (0.05 du/ac)
	Low	1 ac (1.0 du/ac)	1 ac (1.0 du/ac)	1 ac (1.0 du/ac)
	Medium	0.16 ac (6.25 du/ac)	0.1428 ac (7.0 du/ac)	0.1428 ac (7.0 du/ac)
	Medium High	0.08 ac (12.5 du/ac)	0.07 ac (14.3 du/ac)	0.068 ac (14.76 du/ac)
	High	0.05 ac (20 du/ac)	0.045 ac (22.2 du/ac)	0.04 ac (25 du/ac)
3	Persons Per Household	3.15	3.28	3.15
	Employees Per Houshold			
		1.41	1.41	1.41
4	Demographic Shift in Employment Share	4975	4,975	4975
	Industrial	23.9%	23.9%	23.9%
	Commercial Low	75.1%	75.1%	75.1%
	Commercial High	1.0%	1.0%	1.0%
		100.00%	100.00%	100.00%
5	Change in Intensities			
	Industrial	0.2 FAR (825 sf/emp)	0.22 FAR (825 sf/emp)	0.2 FAR (825 sf/emp)
	Commercial Low	0.2 FAR (500 sf/emp)	0.25 FAR (500 sf/emp)	0.2 FAR (500 sf/emp)
	Commercial High	0.4 FAR (400 sf/emp)	0.4 FAR (400 sf/emp)	0.4 FAR (400 sf/emp)
7	Transportation Enhancements	New Freeway Ramps	Regional Transit Network (RTN)	
			Enhanced Existing Transit	

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RTP/SCS Scenario Alternative Parameters

PARAMETERS						
6	Spatial Priority in Jobs and Households Allocation (1=most attractive, 6= least attractive)	Jobs (priority)		HH (priority)		
		I*	C*	MHH*	ML*	
		Ahwanee	6	6	6	6
		Chowchilla ¹	3	4	3	4
		Fairmead	5	5	5	5
		Madera City ¹	2	2	2	2
		Ranchos Madera	4	3	2	3
		North Fork	6	6	6	6
		Oakhurst	3	4	4	4
		Rio Mesa ¹	1	1	1	1

*

I: Industrial

C: Commercial

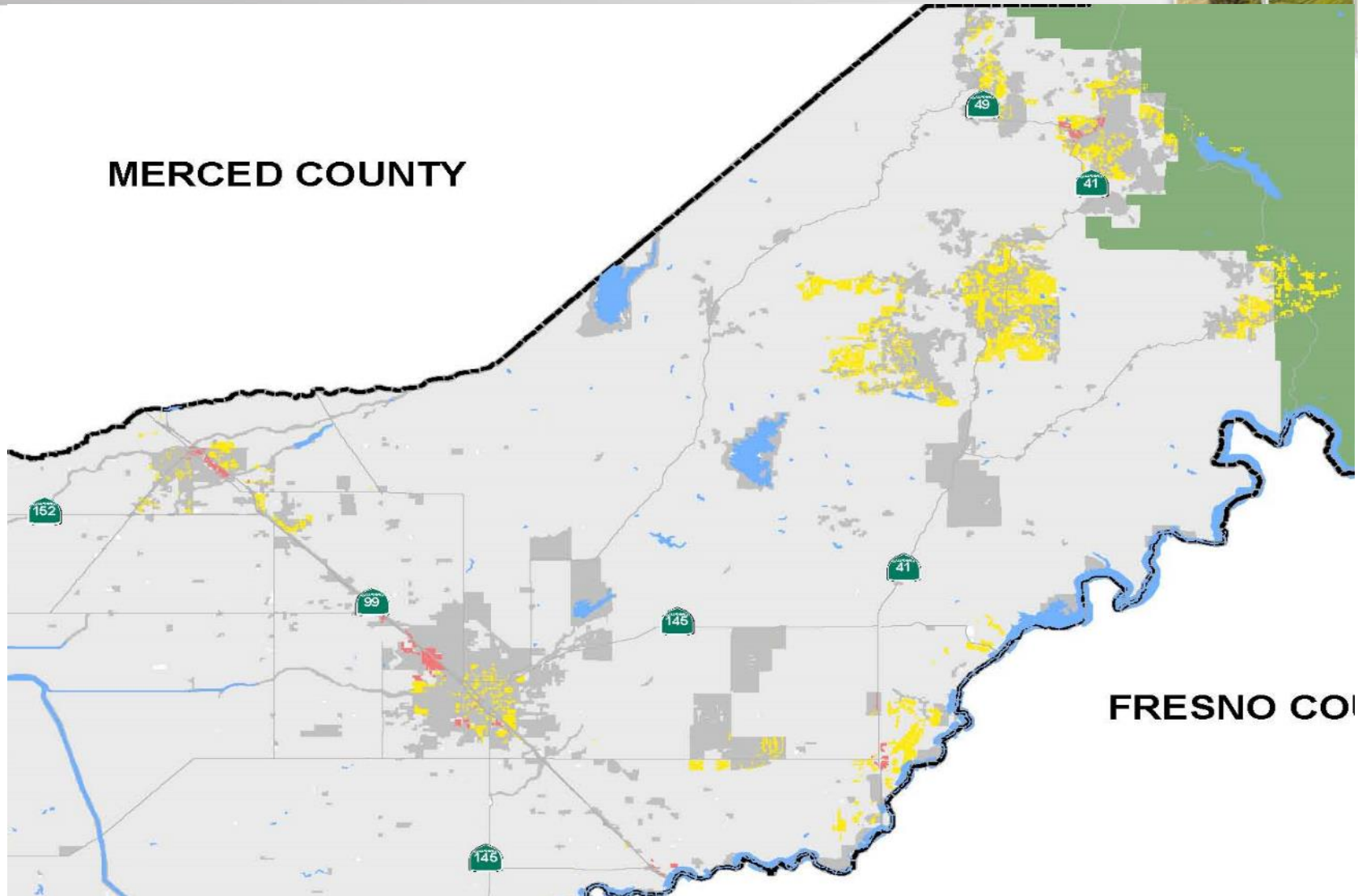
MHH: Medium High/High Density Residential

ML: Medium/Low Density Residential

1 Rankings do not count as each of these areas have specific growth numbers assigned

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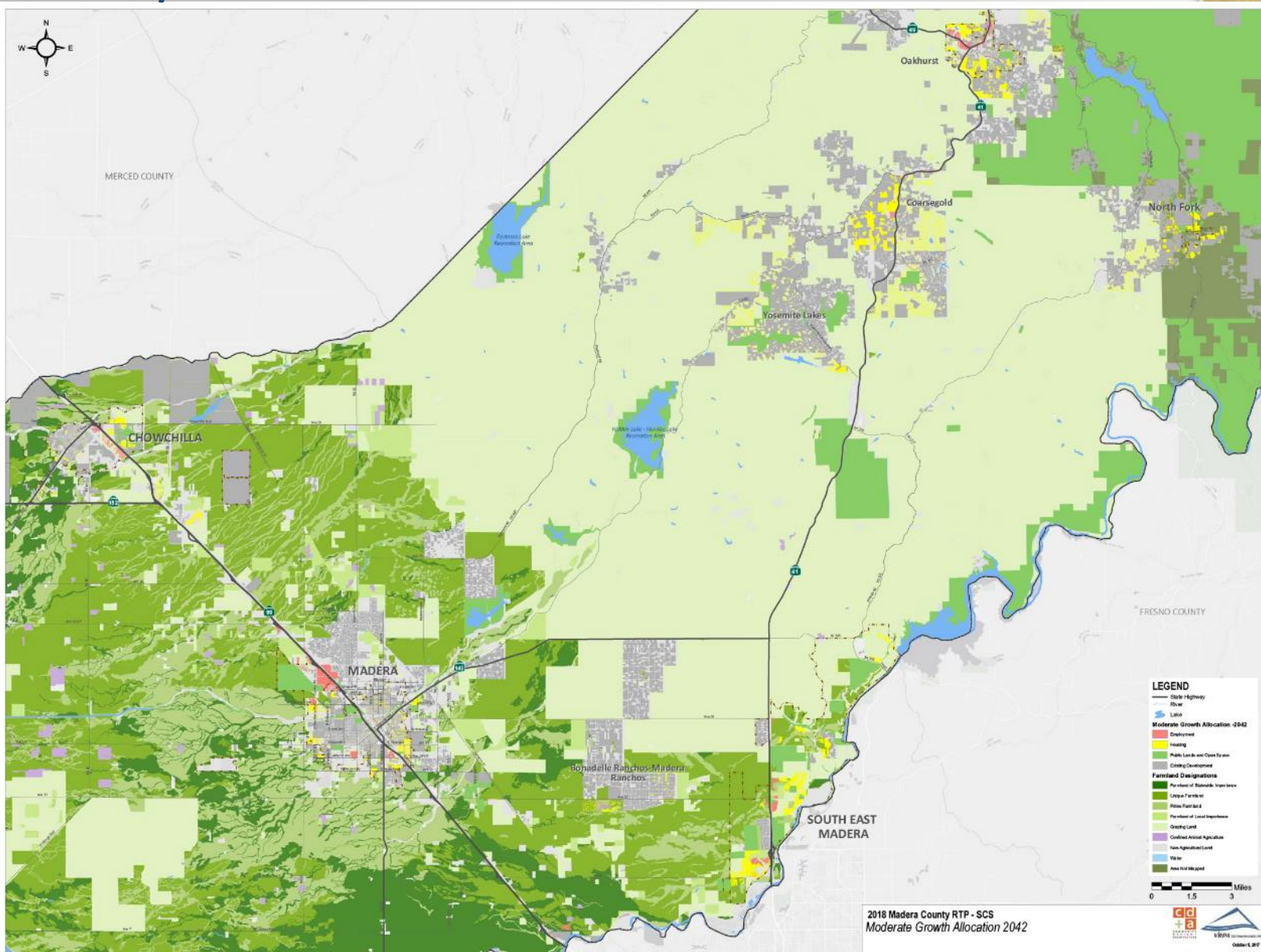
2014 RTP/SCS Scenario - No Project Alternative

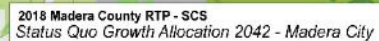


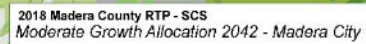


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RTP/SCS Scenario 2018 Moderate Alternative





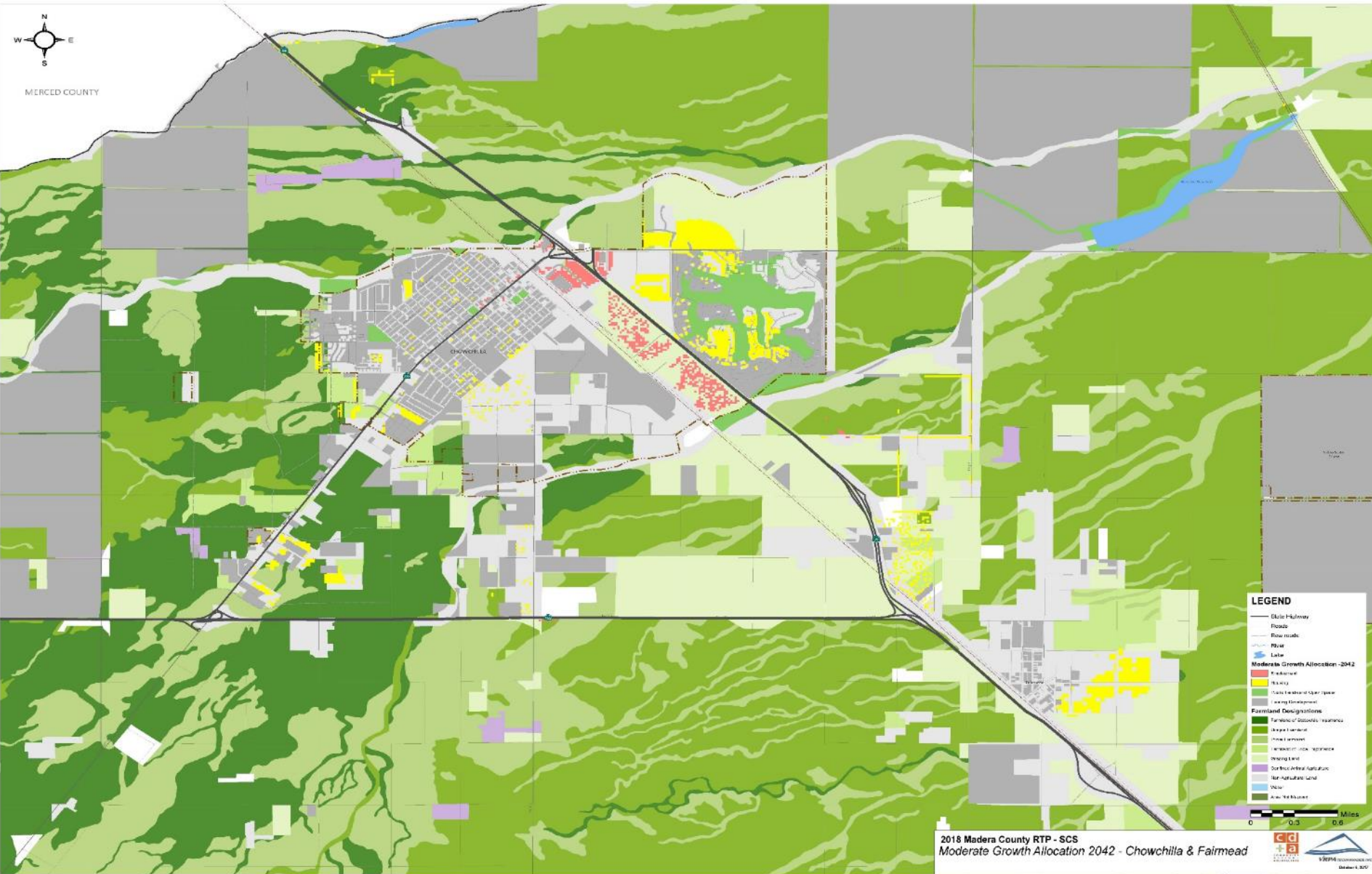


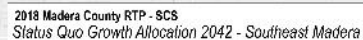
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RTP/SCS Scenario 2018 Moderate Alternative



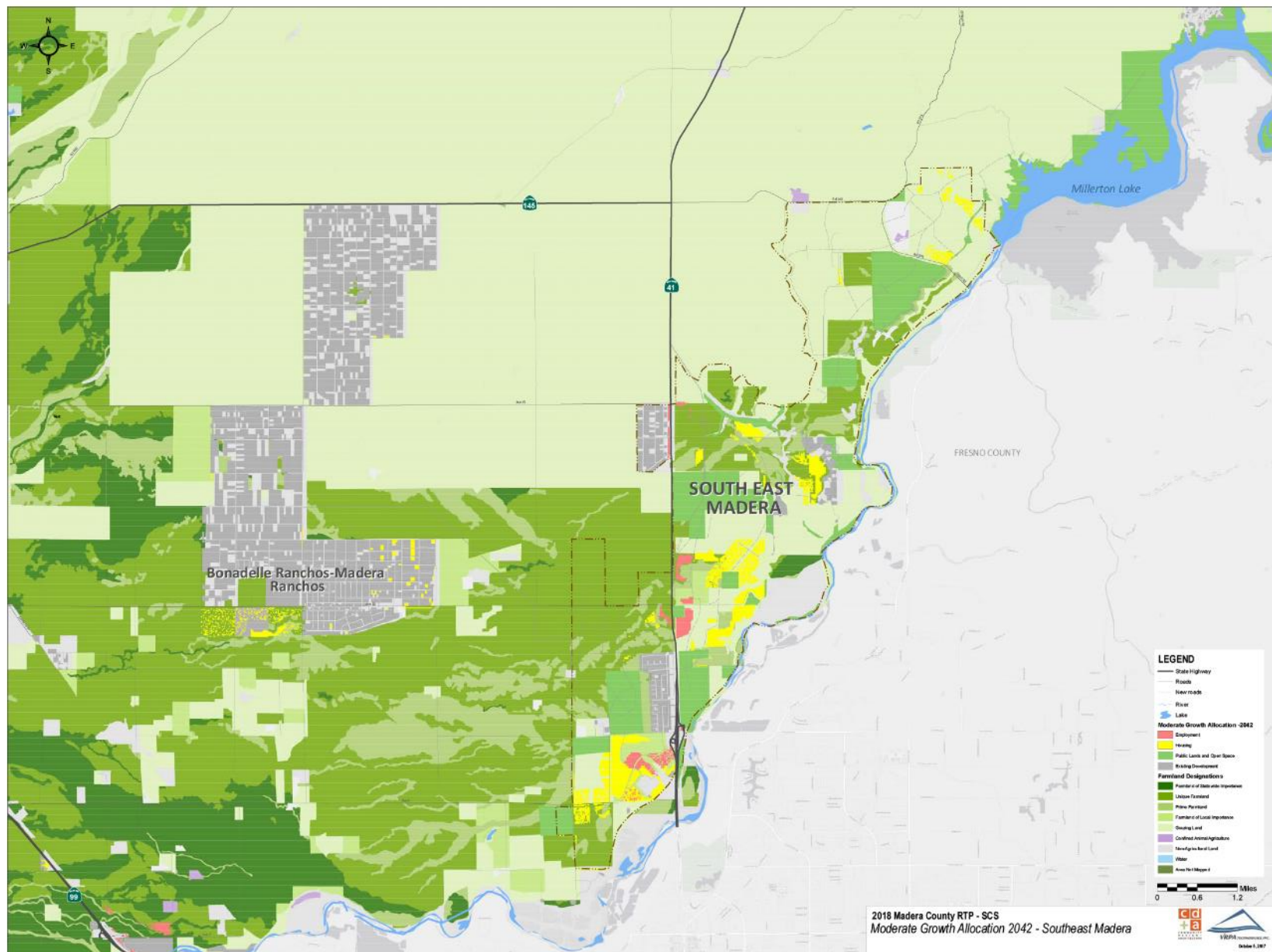
MERCED COUNTY

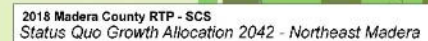




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RTP/SCS Scenario 2018 Moderate Alternative







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Next Steps and Schedule

- Model and Analyze Each 2018 Alternative
- Identify the Recommended Preferred SCS Scenario – January/February 2018
- Present the Scenario Alternatives, Associated Analysis and the Recommended Preferred SCS Scenario to the Public, the Roundtable and the MCTC Board - February 2018
- Prepare the Administrative Draft and Draft 2018 RTP/SCS and EIR – February & March 2018
- Distribute the Draft Documents for Public Review (55 days) – April 2018
- MCTC Board Certify the EIR and Adopt the 2018 RTP/SCS – July/August 2018

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Questions / Comments



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Open House

