

TPAC STAFF REPORT

SUBJECT: RTP/SCS Overall Schedule

MEETING DATE: September 1, 2011

AGENDA ITEM: 5

STAFF CONTACT: Peter Imhof, Bob Leiter

RECOMMENDATION:

Receive informational report on overall schedule for the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS).

DISCUSSION:

This staff report responds to committee members' request at last month's joint TPAC/TTAC meeting for a review of the overall schedule for the RTP/SCS. An overall project schedule has been developed based on the now familiar RTP/SCS process flowchart (Attachment 1) and a draft work program crafted by Bob Leiter (Attachment 2). The table below outlines the project schedule in general terms. A detailed Gantt chart showing specific project tasks and deliverable dates is included as Attachment 3.

In the broadest terms, the schedule for the RTP/SCS will proceed as follows: development of tools and inputs, including the updated land use and travel model and regional growth forecast will occur during fall and winter 2011. Stakeholder outreach to gather input on scenario development will also occur during this period, as will further definition of the RTP/SCS goals, objectives and performance measures and the work-up of the RTP project list and ranking. Following this phase, SBCAG staff will begin to develop alternative scenarios, which will be evaluated against the selected performance measures using the updated travel model during spring 2012. Alternative scenarios will incorporate the RHNA determination received from the State, as allocated to member agencies through the RHNA methodology and plan to be developed contemporaneously with the alternative scenarios. Public workshops in summer 2012 will precede selection of a preferred alternative by the SBCAG Board. In fall 2012, upon selection of the preferred alternative, the SCS will be drafted and circulated to CARB for review. The completed SCS will be integrated into the RTP and environmental review will begin in fall 2012, with RTP/SCS adoption projected for summer 2013.

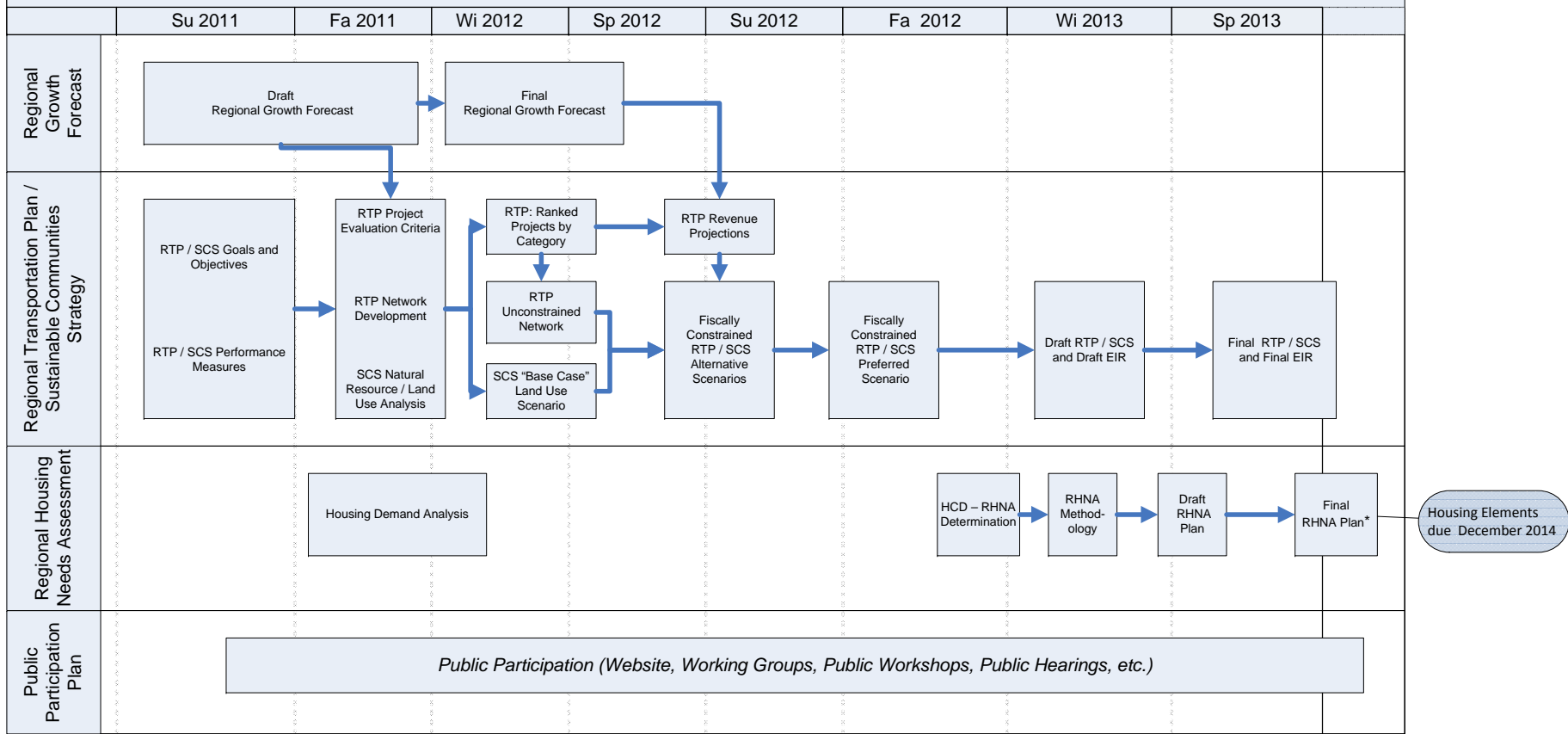
Fall/Winter 2011	<ul style="list-style-type: none"> • Traffic and Land Use Model Development • Regional Growth Forecast • Regional “Greenprint” • Stakeholder Outreach, Scenario Scoping / Development • Develop RTP, Ranked Projects
Spring/Summer 2012	<ul style="list-style-type: none"> • Alternative Scenario Analysis / Public Workshops • Draft RHNA Methodology and Plan
Spring 2012	Draft RHNA from State HCD (2 yrs before HE due date)
Fall 2012	<ul style="list-style-type: none"> • SBCAG integrates SCS into RTP • EIR
2013	• SBCAG adopts RTP (18 mths before HE due date)
2014	• Local Housing Element certification

Attachments:

1. RTP/SCS Flowchart
2. RTP/SCS Draft Work Program
3. RTP/SCS Detailed Schedule and Gantt Chart

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SBCAG SB 375 Integrated Planning Program: Process and Timeline (Revised: 5/12/11)



SBCAG 2040 RTP Work Program (Table Format)

Draft: 7/5/11

Tasks / Sub-tasks	Category	Lead Staff	Start Date	End Date	Notes
<p>1. <i>Develop Regional Transportation Plan (RTP) Work Program</i></p> <ul style="list-style-type: none"> Review work program with advisory committees and Board of Directors 	All				
<p>2. <i>Public Outreach and Involvement</i></p> <ul style="list-style-type: none"> Develop Public Participation Plan (PPP) that meets federal transportation bill requirements and SB 375 Schedule events and develop outreach products Conduct subregional workshops Conduct public hearings on Draft 2050 RTP Analyze ongoing feedback and respond to comments received via the Web page, phone, e-mail, etc. 	All				
<p>3. <i>Prepare Draft 2040 Regional Growth Forecast</i></p> <ul style="list-style-type: none"> Create demographic, housing, and economic capacity analysis for “base case” Integrate SBCAG data sets on traffic zones and 2010 US Census data Prepare preliminary regional growth forecast estimates (population, employment, and housing) at regional scale Generate preliminary growth distribution by jurisdiction for “base case” Prepare preliminary draft Growth Forecast by jurisdiction for review 	RGF				Ref. SGC Phase II Grant Work Plan
<p>4. <i>Review and Update RTP Goals and Policy Objectives</i></p> <ul style="list-style-type: none"> Update planning goals and policy objectives in relation to SB 375 requirements, other factors 	RTP/SCS				

SBCAG 2040 RTP Work Program (Table Format)

Draft: 7/5/11

Tasks / Sub-tasks	Category	Lead Staff	Start Date	End Date	Notes
<p><i>5. Review and Update RTP Performance Measures</i></p> <ul style="list-style-type: none"> Decide on a preliminary set of performance measures that will allow for evaluation of alternative planning scenarios in relation to RTP / SCS goals and objectives Decide on transportation system performance targets to be used in preparation of unconstrained transportation network 	RTP/SCS				
<p><i>6. Prepare SCS Natural Resource / Land Use Analysis</i></p> <ul style="list-style-type: none"> Obtain GIS maps of environmental and natural resource data layers Prepare composite map that integrates information from GIS data layers with “base case” land use distribution analysis Review composite map (i.e., “Regional Greenprint Element”) with public agencies, stakeholder groups 	RTP/SCS				Ref. SGC Phase II Grant Work Plan
<p><i>7. Develop Updated RTP Transportation Networks</i></p> <ul style="list-style-type: none"> Incorporate recommendations from any relevant regional, corridor, and subregional studies to update highway, rail and transit networks Update regional arterial network as needed to reflect any changes from local general plans 	RTP/SCS				
<p><i>8. Develop RTP Project Evaluation Criteria</i></p> <ul style="list-style-type: none"> Develop project evaluation criteria to prioritize projects in each category (highway, transit, rail, etc.) for use in preparing fiscally constrained network scenarios and project phasing 	RTP/SCS				
<p><i>9. Prepare Housing Demand Analysis</i></p> <ul style="list-style-type: none"> Prepare initial analysis of housing demand distribution by jurisdiction in relation to draft Regional Growth Forecast Review with local jurisdictions, stakeholders 	RHNA				

SBCAG 2040 RTP Work Program (Table Format)

Draft: 7/5/11

Tasks / Sub-tasks	Category	Lead Staff	Start Date	End Date	Notes
<p><i>10. Prepare RTP Ranked Project Lists</i></p> <ul style="list-style-type: none"> • Develop or revise cost estimates for all highway, transit, and rail projects • Obtain revised cost estimates for local streets and roads projects provided by the local jurisdictions • Apply Project Evaluation Criteria from Task 8 to projects identified in Task 7 to produce listing of ranked projects by category 	RTP/SCS				
<p><i>11. Prepare Unconstrained Regional Transportation Network</i></p> <ul style="list-style-type: none"> • Use ranked project lists from Task 10 to prepare a fiscally unconstrained integrated transportation network that meets transportation system performance targets • Identify future transportation system management and monitoring systems to be included in all RTP scenarios 	RTP/SCS				
<p><i>12. Prepare “Base Case” Land Use Scenario</i></p> <ul style="list-style-type: none"> • Obtain outputs from preliminary growth forecast and natural resource analysis to produce “base case” scenario showing geographic distribution of urban and non-urban land uses in years 2010, 2020, 2035 and 2040 	RTP/SCS				
<p><i>13. Adopt Final Regional Growth Forecast</i></p> <ul style="list-style-type: none"> • Review input on draft RGF; make adjustments as necessary • Obtain Board approval of final RGF 	RGF				
<p><i>14. Update RTP Revenue Projections</i></p> <ul style="list-style-type: none"> • Develop updated revenue projections for the various local, state, and federal revenue sources for the Revenue Constrained scenarios 	RTP/SCS				

SBCAG 2040 RTP Work Program (Table Format)

Draft: 7/5/11

Tasks / Sub-tasks	Category	Lead Staff	Start Date	End Date	Notes
15. <i>Develop Network and/or Land Use Alternative Scenarios</i> <ul style="list-style-type: none"> • Develop multimodal (transit, high-occupancy vehicle [HOV] / Managed Lanes, highway, bicycle, and pedestrian) network alternatives in conjunction with SCS • Select networks and land use alternatives to be included in the different financial scenarios of the RTP and in the EIR 	RTP/SCS				
16. <i>Analyze Alternatives and Select Preferred Fiscally Constrained Network / Land Use Scenario for RTP</i> <ul style="list-style-type: none"> • Perform travel forecasts and evaluate overall performance • Apply updated performance measures, such as overall LOS, VMT, GHG emissions, economic indicators, and average corridor travel times, to provide a grid of overall effectiveness of each alternative • Perform environmental justice assessment of alternatives • Develop Draft Preferred Network / Land Use Scenario for review 	RTP/SCS				
17. <i>Obtain RHNA Determination from HCD</i> <ul style="list-style-type: none"> • HCD will provide per State Housing Law requirements 	RHNA				
18. <i>Prepare and distribute draft RHNA Methodology</i> <ul style="list-style-type: none"> • Prepare report laying out proposed methodology for distributing “RHNA Determination” figure from HCD by jurisdiction, per State Housing Law requirements 	RHNA				
19. <i>Prepare draft RHNA Plan</i> <ul style="list-style-type: none"> • Prepare draft report recommending a distribution of housing needs by jurisdiction through 2020, in accordance with methodology laid out in Task 18 	RHNA				

SBCAG 2040 RTP Work Program (Table Format)

Draft: 7/5/11

Tasks / Sub-tasks	Category	Lead Staff	Start Date	End Date	Notes
20. <i>Produce Draft RTP/ SCS and Draft EIR</i> <ul style="list-style-type: none"> • Prepare and circulate Notice of Preparation for EIR • Prepare draft RTP, including SCS chapter, based on preferred network / growth scenario • Incorporate all SB 375 content requirements into draft SCS chapter • Prepare Draft EIR, including enhanced analysis per SB 375 					
21. <i>Prepare and Adopt Final RTP/SCS and Certify Final EIR</i>					
22. <i>Prepare and Adopt Final RHNA Plan</i>					

ID	Task Mode	Task Name	Duration	Start	Finish	2012												2013											
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
29		Task II: Database Development & Integration (Base Year)	108 days	Wed 5/4/11	Fri 9/30/11	[Gantt bar from May to Sep 2012]																							
30		Database review by TTAC/TPAC	1 day	Thu 9/1/11	Thu 9/1/11	[Vertical bar at Sep 1, 2012]																							
31		2nd TAC Workshop	1 day	Wed 9/7/11	Wed 9/7/11	[Vertical bar at Sep 7, 2012]																							
32		Task III: Model Development and Testing	87 days	Thu 9/1/11	Fri 12/30/11	[Gantt bar from Sep to Dec 2012]																							
33		Task IV: Model Calibration	87 days	Thu 9/1/11	Fri 12/30/11	[Gantt bar from Sep to Dec 2012]																							
34		Task V: Forecasts	87 days	Thu 9/1/11	Fri 12/30/11	[Gantt bar from Sep to Dec 2012]																							
35		Task VI: TransCAD-For-The-Web	87 days	Thu 9/1/11	Fri 12/30/11	[Gantt bar from Sep to Dec 2012]																							
36		3rd TAC Workshop: Model Development Review	1 day	Wed 12/7/11	Wed 12/7/11	[Vertical bar at Dec 7, 2012]																							
37		Base Year and Forecast Validation	43 days	Mon 1/2/12	Wed 2/29/12	[Gantt bar from Jan to Feb 2013]																							
38		4th TAC: Model Results Presentation	1 day	Wed 2/15/12	Wed 2/15/12	[Vertical bar at Feb 15, 2013]																							
39		Model Complete	1 day?	Wed 2/15/12	Wed 2/15/12	[Vertical bar at Feb 15, 2013]																							
40		SCS Regional Greenprint	80 days?	Fri 7/15/11	Thu 11/3/11	[Gantt bar from Jul to Nov 2011]																							
41		Obtain GIS maps of environmental and natural resource data layers	34 days?	Fri 7/15/11	Wed 8/31/11	[Gantt bar from Jul to Sep 2011]																							
42		Prepare composite map that integrates information from GIS data layers with "base case" land use distribution analysis	23 days?	Wed 8/31/11	Fri 9/30/11	[Gantt bar from Sep to Oct 2011]																							
43		Review composite map with public agencies, stakeholder groups	10 days?	Mon 10/3/11	Fri 10/14/11	[Gantt bar from Oct to Nov 2011]																							
44		TAC Review	1 day?	Thu 11/3/11	Thu 11/3/11	[Vertical bar at Nov 3, 2011]																							
45		RTP	245 days?	Fri 7/1/11	Thu 6/7/12	[Gantt bar from Jul 2011 to Jun 2012]																							
46		RTP/SCS Goals & Objectives	90 days?	Fri 7/1/11	Thu 11/3/11	[Gantt bar from Jul to Nov 2011]																							
47		Update planning goals and policy objectives in relation to SB 375 requirements, other factors	44 days?	Fri 7/1/11	Wed 8/31/11	[Gantt bar from Jul to Sep 2011]																							
48		TAC Review	1 day	Thu 8/4/11	Thu 8/4/11	[Vertical bar at Aug 4, 2011]																							
49		Public Outreach and Input	22 days	Thu 9/15/11	Fri 10/14/11	[Gantt bar from Sep to Oct 2011]																							
50		Revise Goals and Objectives	10 days	Mon 10/17/11	Fri 10/28/11	[Gantt bar from Oct to Nov 2011]																							
51		TAC Review and Recommendation	1 day	Thu 11/3/11	Thu 11/3/11	[Vertical bar at Nov 3, 2011]																							
52		RTP Performance Measures	90 days?	Fri 7/1/11	Thu 11/3/11	[Gantt bar from Jul to Nov 2011]																							
53		Develop a preliminary set of performance measures for evaluation of alternative planning scenarios re: RTP / SCS goals and objectives	44 days?	Fri 7/1/11	Wed 8/31/11	[Gantt bar from Jul to Sep 2011]																							

Project: RTP-SCS Master Project S Date: Wed 8/24/11	Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
	Split		External Tasks		Inactive Summary		Manual Summary		Progress	
	Milestone		External Milestone		Manual Task		Start-only			
	Summary		Inactive Task		Duration-only		Finish-only			

ID	Task Mode	Task Name	Duration	Start	Finish	2012												2013													
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
54		Develop transportation system performance targets for preparation of unconstrained transportation network	30 days	Mon 8/15/11	Fri 9/23/11																										
55		TAC Review	1 day	Thu 8/4/11	Thu 8/4/11																										
56		Public Outreach and Input	22 days	Thu 9/15/11	Fri 10/14/11																										
57		Revise Goals and Objectives	10 days	Mon 10/17/11	Fri 10/28/11																										
58		TAC Review and Recommendation	1 day	Thu 11/3/11	Thu 11/3/11																										
59		Develop Updated RTP Transportation Networks	25 days	Mon 9/26/11	Fri 10/28/11																										
60		Incorporate recommendations from any relevant regional, corridor, and subregional studies to update highway, rail and transit	10 days	Mon 9/26/11	Fri 10/7/11																										
61		Update regional arterial network as needed to reflect any changes from local general plans	15 days	Mon 10/10/11	Fri 10/28/11																										
62		RTP/SCS Project Evaluation Criteria	34 days	Mon 9/19/11	Thu 11/3/11																										
63		Develop project evaluation criteria to prioritize projects in each category (highway, transit, rail, etc.) for use in preparing fiscally constrained network scenarios and	25 days	Mon 9/19/11	Fri 10/21/11																										
64		TAC Review	1 day	Thu 11/3/11	Thu 11/3/11																										
65		Prepare RTP Ranked Project Lists	59 days	Mon 9/12/11	Thu 12/1/11																										
66		Develop or revise cost estimates for all highway, transit, and rail projects	30 days	Mon 9/12/11	Fri 10/21/11																										
67		Obtain revised cost estimates for local streets and roads projects provided by the local jurisdictions	30 days	Mon 9/12/11	Fri 10/21/11																										
68		Apply Project Evaluation Criteria to projects identified to produce listing of ranked projects by	21 days	Mon 10/24/11	Mon 11/21/11																										
69		TAC Review	1 day	Thu 12/1/11	Thu 12/1/11																										
70		Prepare Unconstrained Regional Transportation Network	30 days	Fri 12/2/11	Thu 1/12/12																										
71		Use ranked project lists to prepare a fiscally unconstrained integrated transportation network	15 days	Fri 12/2/11	Thu 12/22/11																										

Project: RTP-SCS Master Project S Date: Wed 8/24/11	Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
	Split		External Tasks		Inactive Summary		Manual Summary		Progress	
	Milestone		External Milestone		Manual Task		Start-only			
	Summary		Inactive Task		Duration-only		Finish-only			

