

Joint Meeting
Kern Climate Change Task Force (KCCTF)
And
Kern Regional Transportation Modeling Committee (KRTMC)

December 16, 2009 – **9:00-11:30** A.M.

(meeting time moved up from 10AM)

Kern COG Board Room

1401 19th St., Suite 300, Bakersfield, CA

Free parking available in the unmarked spaces of the parking garage located at SW corner of 19th and L Streets.

Final Agenda

1. Introductions/Rules of Order

The KCCTF & the KRTMC operate using “**Informed Consent**”

- a. The decision making process must be fair
- b. Solutions cannot be “imposed” on the parties
- c. Some are willing to go along with a solution even though it is not in their best interest, if...
 - The project is important
 - The right agency or people are working on it
 - Their concerns were listened to, heard and carried forward in the process
 - The proposed solution is the next best alternative to what they may have preferred

(Source: adapted from *The Institute for Participatory Management and Planning*, www.ipmp.com)

2. Approve Nov. 13, KCCTF & Oct. 28 KRTMC Meeting Minutes (attached). KCCTF Minutes and Handouts from prior meetings KCCTF available at www.kerncog.org under the Climate Change menu. Prior KRTMC minutes are available from the website under “agendas and minutes index,” transportation modeling committee (TMC).

3. Kern Climate Change Work Plan Status (copy of revised work plan available from handouts of the November KCCTF meeting at www.kerncog.org under the Climate Change Menu item)

4. 8-Central California COGs Meeting with California Air Resources Board – Powerpoint presentation by Rob Ball.

5. “4D” Model Enhancements. Action: Information – Jason Pack, Fehr & Peers

6. RTAC STEPS 1 & 2 – Draft base year methodology. **Action: Information** - Powerpoint Presentation by Rob Ball.

7. RTAC STEPS 3 & 4 - Kern COG Forecast Methodology For Proposing Target Using Current Spreadsheet Derived Land Use Data vs. Model Derived Land Use Data.

Action: Select Forecast Distribution Methodology

- a. Land Use Modeling Flowchart

- b. Land Use Model Growth Forecasts, Parameters and Attractions
 - c. Growth Forecast Inputs: RSA Totals and Uplan Sub Area Totals
 - d. Draft 2035 Land Use Model Scenario
 - Land Use Model Results
 - Transportation Model Results
 - CO2 Emission Model Results
 - e. Comparison of Distributions of Land Use Data between Manual Spreadsheet and Land Use Model Methods
 - f. Response to Comments from Dec. 2, 2009
8. Congestion Management Plan Update – Cost Comparison Method
Action: Approve
9. Traffic Count Program Update – Website Improvement RFP
10. Questions/Next Steps
11. Schedule next meeting(s) – KCCTF/KRTMC Joint Meeting - February 10, 2010
(tentative)



**KERN COUNCIL OF GOVERNMENTS
KERN CLIMATE CHANGE TASK FORCE SB 375 MODELING UPDATE**

MEETING NOTES

**KERN COG CONFERENCE ROOM
1401 19TH STREET, THIRD FLOOR
BAKERSFIELD, CALIFORNIA**

**FRIDAY
November 13, 2009
10:00 A.M.**

Mr. Ball called the meeting to order at approximately 10:00 a.m. A “sign-in” sheet was distributed. The recorder malfunctioned, resulting in an abbreviated set of meeting notes.

1. **INTRODUCTIONS:**
- | | |
|-----------------|---------------------------|
| Eddie Quintero | Taft |
| Bob Decker | Home Builders Association |
| David Crowder | Tejon Mtn Village |
| Mike Beving | California City |
| Patty Poire | Western Properties |
| Karen Northcutt | Bakersfield |
| Cecilia Griego | Bakersfield |
| Avtar N.Sindhu | County Health Dept |
| Mike McCabe | Delano |
| Ted James | County Planning |
| Bob Smith | Bike Bakersfield |
| Paul Gorte | Taft |

STAFF:	Robert Ball	Kern COG
	Troy Hightower	Kern COG
	Ed Flickinger	Kern COG

2. Approve September 29 Meeting Minutes. Minutes and Handouts from prior meetings available at www.kerncog.org under the Climate Change menu. **Action: Approved by informed consent**
3. Kern Climate Change Work Plan Status/Update – Update Presented incorporating the 7 Steps recommended by the California Air Resources Board (ARB) Regional Targets Advisory Committee (RTAC) into phase 2 or the Work Plan. **Action: Approved by informed consent, subject to any comments received at the next meeting.**
4. RTAC STEP 1 - Kern COG Methodology For Proposing Target. Agenda Items 4-6 were presented by Rob Ball and Troy Hightower using a powerpoint that is available on the Kern COG website at www.kerncog.org under the Climate Change menu. Click on “handouts” for the November Task Force Meeting.

- a. Modeling Flowchart
- b. Growth Forecasts, Parameters and Attractions

Throughout the presentation questions were answered and comments received. A suggestion was made to use future office sq. footage as an attraction layer. In addition to Sewer, water infrastructure should be used as an attraction. The need to take credit for bike paths was also brought up.

- c. Growth Forecast Inputs: RSA Totals and Uplan Sub Area Totals

Mr. Ball explained that the forecast used for the land use model was slightly higher than that used in the spreadsheet methodology due to inadvertent double counting of group quarters. This mistake will be corrected in the next round of model runs.

- d. Draft 2035 Model Scenario

- I. Land Use Model Results
- i. Transportation Model Results
- ii. CO2 Emission Model Results

The CO2 Emissions were closer to the statewide average than the ones provided to the RTAC in July 2009. Since that meeting Kern COG has had a new conformity approved using the new travel model validated to 2006 traffic counts and the 2001 household travel survey. The previous model was validated to 1998 traffic counts.

Action: Information/discussion, provide comments by December 2, 2009

- 5. Using Current Spreadsheet Derived Land Use Data vs. Model Derived Land Use Data

- a. Comparison of Distributions of Land Use Data
- b. "D" Factor Model Enhancements

The committee spent considerable time comparing the modeling results using the maps in the powerpoint and those posted on the wall. CDs were provided of all the maps and data. Mr. Ball stated that a consultant had been retained by Kern COG to develop the "D" factor or "4D" enhancements to the model.

Action: Information/discussion, provide comments by December 2, 2009

- 6. Questions/Next Steps/Comments on Draft Land Use Model Results Due December

2. Dr. N.Sindhu presented a flyer on an up-coming workshop on sustainable communities. There was interest in the group hosting the workshop here in Bakersfield.

Action: Information/discussion, provide comments by December 2, 2009

- 7. Schedule next meeting(s) – Joint Meeting with Kern Regional Transportation Modeling Committee (KRTMC) December 16.

Action: Next Meeting Scheduled for December 16, 2009 at Kern COG

- 8. Meeting adjourned at noon.



Kern Regional Transportation Modeling Committee A Subcommittee of the Kern COG TTAC

Meeting Notes

October 28, 2009

I. Introductions/Sign-in Sheet

Present:	
Brian Blacklock	County of Kern
Steven Young	County of Kern
Warren Maxwell	County of Kern
Barry Nienke	County of Kern
Patty Poire	Western Properties
Vincent Liu	Kern Council of Governments
Ed Flickinger	Kern Council of Governments
Troy Hightower	Kern Council of Governments
Ben Raymond	Kern Council of Governments
Rob Ball	Kern Council of Governments
Ryan Starbuck	City of Bakersfield
Ed Murphy	City of Bakersfield
Martin Ortiz	City of Bakersfield
Steve Letsky	McIntosh and Assoc
Greg Buckle	McIntosh and Assoc
Bob Decker	HBA
Scott Hurlbert	City of Shafter
Bob Smith	Bike Bakersfield
Craig Jones	City of Taft
Bud Rice	City of Taft
Kern Northcutt	Metro GP

- II. Meeting Notes from August 26, 2009 - **Action: Approved**
- III. 2009 Final Regional Growth Forecast Report, 10/15 Action by Kern COG Board – Information A handout was presented with the countwide population forecast totals from 2010-2050, adopted by the Kern COG Board on 10/15/09. The forecast is scheduled to be revisited after the 2010 Census is available between Oct. 2012 and Oct. 2014.
- IV. 2009 RSA Totals based on Regional Growth Forecast and One-on-one Meetings with Member Agencies – **Action: Approved** - Handouts were provided of the Regional Growth Forecast by Regional Statistical Area (RSA) for 2010, 2020, and 2035. The handouts included a summary of average increase per year for households, population, employment and school enrollment. Wall maps of the households by TAZ and transportation model output were provided. The transportation model using the new land use was less than 0.2% higher in VMT and 0.7% higher in trips. CDs of the TAZ data and maps were also provided. The maps and handouts illustrated the following changes:
- A global adjustment was made so that countwide totals matched the exact amount in the 2009 Final Regional Growth Forecast.
 - Corrections were included from the one-on-one meetings with the eleven Cities and the County. At the request of the City of Taft, the Greater Taft RSA was increased from an

average of 60 to 80 households per year. Growth came from Greater Lake Isabella area and the global adjustment.

- c. Some employment was moved from the TAZ near SR166 and SR99 to Laval Rd and SR99.

Committee members consented to the use of the new land use data and agreed to review the contents of the CD and provide any zero sum corrections 2 weeks prior to the next meeting of the KRTMC meeting. The KRTMC may make zero sum adjustments to the TAZ forecast data up to 6 times per year, based on latest planning assumptions and the consent of the committee.

V. Kern/8-County Blueprint Vision Process – Information

- 10/7/09 Valley Planners Meeting Report, Tool Kit Status
- 10/16/09 Call for Projects due – 2D/3D Visualization Projects for Cities/County. There are projects in Ridgecrest, California City, and Delano.

VI. Kern Climate Change Task Force Status Report – Next mtg. 11/13 – Information

- UPLAN Land Use Model Update for Setting Targets

In October 2008, the Kern COG board established the Kern Climate Change Task Force to develop an approach to handle SB 375. A brief presentation was given on the current status of SB 375 and the proactive approach and work plan developed by the Climate Change Task Force. A brief preview of some of the initial land use modeling was presented. A review draft of the modeling should be available at the November 13, 2009 Kern Climate Change Task Force Meeting. In addition, Kern COG has retained a consultant to enhance the transportation model to more accurately reflect greenhouse gas emission reductions from transit and other strategies. Kern COG plans on submitting a proposed target to the California Air Resources Board by March 1, 2009.

VII. Congestion Management Program Element Update to the Regional Transportation Plan, Staff Report Attached – Action: **Recommend the TTAC Approve the CMP Update with Edits from the Discussion** – The Kern Congestion Management Program (CMP) was established in 1991. In 2005, the Feds made CMP required for RTP. A staff report was reviewed including responses to comments received to date. The following changes to the document were discussed:

- a. Correct reference to ITE, it should be TRB.
- b. Replace threshold standard of 5 trips during peak hour with the Caltrans Guideline standard of 1 trip during peak hour on an LOS F facility for Traffic Impact Studies.
- c. Verify that less emphasis on mitigating vehicle traffic may reduce traffic mitigation costs.
- d. Update the list of LOS F streets on the Congestion Management Program network.

VIII. Kern COG Modeling Activity Report - Mebane Ranch, R&S Engineering – Information

IX. Cumulative Model Assumptions Revisions – No activity – Information.

X. Model Update Contract Status Report – Information
Citilabs Intl. User Conference- Palm Springs 10/31- 11/5- www.citilabs.com

XI. Future Model Updates – Information \$2.5M Prop 84 Grant award – 8-COGs Model Improvement Plan

XII. Regional Traffic Count Program – Information –

- New RFP for traffic count website update – November 2009
- New RFP for traffic count services – Spring 2010
- Bakersfield and County of Kern are to provide 2008 control station data.

- Traffic Count Program Funding- Make recommendation to TTAC – **Action: Approved Recommendation to the TTAC to recommend to the Transportation Planning Policy Committee, approval of \$79,677 per year off-the-top RSTP funding for a second 5-year period to fund the Regional Traffic Count Program.**

XIII. Other Business/Schedule Next Meeting – Wed., Dec. 16, 10:30AM at Kern COG, possibly joint meeting with the Kern Climate Change Task Force.

XIV. Adjourn