



Southern California Association of Governments  
900 Wilshire Blvd., Suite 1700, Los Angeles, CA 90017

November 1, 2018

TRANSPORTATION COMMITTEE  
MINUTES OF THE MEETING  
THURSDAY, November 1, 2018

THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE TRANSPORTATION COMMITTEE. A DIGITAL RECORDING OF THE ACTUAL MEETING IS AVAILABLE FOR LISTENING IN SCAG'S OFFICE.

The Transportation Committee (TC) met at SCAG, 900 Wilshire Blvd., 17<sup>th</sup> Floor, Los Angeles, CA 90017. The meeting was called to order by Chair Hon. Curt Hagman, San Bernardino County. A quorum was present.

**Members Present:**

Hon. Sean Ashton, Downey	District 25
Hon. Rusty Bailey, Riverside	District 68
Hon. Ben Benoit, Wildomar	South Coast AQMD
Hon. Will Berg, Port Hueneme	VCOG
Hon. Drew Boyles	El Segundo
Hon. Ross Chun, Aliso Viejo	OCTA
Hon. Emily Gabel-Luddy	AVCJPA
Hon. James Gazeley, Lomita	District 39
Hon. Jeffrey, Giba, Moreno Valley	District 69
Hon. Jack Hadjinian, Montebello	SGVCOG
Hon. Curt Hagman <b>(Chair)</b>	San Bernardino County
Hon. Jim Hyatt, Calimesa	District 3
Hon. Mike T. Judge, Simi Valley	VCTC
Hon. Trish Kelley, Mission Viejo	OCCOG
Hon. Randon Lane, Murrieta	District 5
Hon. Clint Lorimore, Eastvale	District 4
Hon. Steve Manos, Lake Elsinore	District 63
Hon. Ray Marquez, Chino Hills	District 10
Hon. Dan Medina, Gardena	District 28
Hon. Barbara Messina, Alhambra	District 34
Hon. L. Dennis Michael	District 9
Hon. Fred Minagar, Laguna Niguel	District 12
Hon. Carol Moore, Laguna Woods	OCCOG
Hon. Kris Murray, Anaheim	District 19
Hon. Ara Najarian	Glendale
Hon. Frank Navarro, Colton	District 6

Hon. Greg Pettis, Cathedral City	District 2
Hon. Charles Puckett, Tustin	District 17
Hon. Teresa Real Sebastian, Monterey Park	SGVCOG
Hon. Ali Saleh, Bell	GCCOG
Hon. Marty Simonoff, Brea	District 22
Hon. Cynthia Sternquist, Temple City	SGVCOG
Hon. Brent Tercero, Pico Rivera	GCCOG
Hon. Cheryl Viegas-Walker, El Centro ( <b>Vice Chair</b> )	District 1
Hon. Alan Wapner, Ontario	SBCTA/SBCOG
Mr. Paul Marquez	Caltrans District 7

**Members Not Present:**

Hon. Glen Becerra, Simi Valley	District 46
Hon. Russell Betts, Desert Hot Springs	CVAG
Hon. Austin Bishop, Palmdale	North L.A. County
Hon. Art Brown, Buena Park	District 21
Hon. Joe Buscaino, Los Angeles	District 62
Hon. Jonathan Curtis, La Cañada-Flintridge	District 36
Hon. Diane Dixon, Newport Beach	OCCOG
Hon. Gonzalez, Lena, Long Beach	District 30
Hon. Jan Harnik, Palm Desert	RCTC
Hon. Dave Harrington, Aliso Viejo	OCCOG
Hon. Carol Herrera, Diamond Bar	District 37
Hon. Steven Hofbauer, Palmdale	District 43
Hon. Jose Huizar, Los Angeles	District 61
Hon. Linda Krupa, Hemet	WRCOG
Hon. Larry McCallon	Highland
Hon. Marsha McLean, Santa Clarita	District 67
Hon. Shawn Nelson	Orange County
Hon. Sam Pedroza, Claremont	District 38
Hon. Dwight Robinson, Lake Forest	OCCOG
Hon. Crystal Ruiz, San Jacinto	WRCOG
Hon. Damon Sandoval	Morongo Band of Mission Indians
Hon. Thomas Small, Culver City	Culver City
Hon. Barb Stanton, Apple Valley	SBCTA/SBCOG
Hon. Jess Talamantes	SFVCOG
Hon. Alicia Weintraub, Calabasas	LVMCOG
Hon. Michael Wilson, Indio	District 66

**CALL TO ORDER & PLEDGE OF ALLEGIANCE**

Hon. Curt Hagman, San Bernardino County, called the meeting to order at 10:04 a.m. Hon. Ray Marquez, Chino Hills, led the Pledge of Allegiance.

**PUBLIC COMMENT**

No members of the public requested to comment.

**CONSENT CALENDAR**

1. Minutes of the October 4, 2018 Meeting

**Receive and File**

2. Draft 2019 Local Profiles Data Update
3. Status Update on the 2020 RTP/SCS PEIR
4. Future Communities Pilot Program Guidelines
5. Update on SCAG’s Bottom-Up Local Input and Envisioning Process
6. Transit Climate Adaptation and Resiliency Assessment
7. 4<sup>th</sup> California Climate Change Assessment – SCAG Regional Report

A MOTION was made (Navarro) and SECONDED (Puckett) to approve Consent Calendar items 1 through 7. The Motion passed by the following votes:

AYES: Ashton, Benoit, Berg, Boyles, Chun, Gabel-Luddy, Gazeley, Giba, Hagman, Hyatt, Judge, Kelley, Lane, Lorimore, Manos, Marquez, Messina, Michael, Moore, Najarian, Navarro, Pettis, Puckett, Simonoff, Viegas-Walker, Wapner (26)

NOES: None (0)

ABSTAIN: None (0)

**INFORMATION ITEMS**

8. The Role of Renewable Natural Gas in Transportation

Ken Chawkins, Business Policy Manager, Southern California Gas Company, reported on the role of natural gas in transportation and climate change mitigation. Mr. Chawkins stated that 80% of regional SMOG and nearly 40% of greenhouse gas emissions are generated by transportation and noted unique ways natural gas can be used to reduce this impact. In the area of goods movement, he noted that a heavy duty truck using natural gas as fuel is available that produces the hauling capacity of diesel engines while reducing NOx by 90% and GHG by 80%. He next reviewed the sources of methane gas in the state noting that dairies and livestock generate over half of the state’s emissions. He reported that technology is currently available that captures emissions from livestock and dairies and uses it to generate Renewable Natural Gas.

Mr. Chawkins described that a third benefit is Power-to-Gas which converts excess renewable electricity, such as that produced by solar energy, into renewable natural gas which can be stored for use in the energy grid. Mr. Chawkins noted that converting to cleaner transportation fuels may involve a mix of cleaner fuel sources rather than the reliance on a single energy source. He noted the environmental advantages of natural gas over diesel particularly the ability to create renewable natural gas.

Hon. Emily Gabel-Luddy, Burbank, asked about the use of fracking and its extraction method. Mr. Chawkins responded that fracking may result in a lower cost but is a controversial extraction method and noted that its use could be reduced if the use of natural gas was incentivized which would reduce traditional extraction costs.

9. Promoting Sustainable Transport Solutions

Aravind Kailas, Research and Innovation Manager, Volvo Group reported on sustainable transport solutions. Mr. Kailas stated that the Volvo Group is a leading global manufacturer of trucks, buses, construction equipment and industrial engines. Further, it is actively working with stakeholders to develop sustainable transportation technologies and transport products of the future. He reviewed some of their products currently in use including an electric transit bus, an electric refuse truck, truck platooning featuring connected automation and construction vehicles. He noted that truck platooning offers unique benefits of connected automation and reviewed the different demonstration projects.

Mr. Kailas stated that the ideal approach in developing evolutionary technology is to involve multiple stakeholders throughout the development cycle to engender support and to obtain an understanding of how the product will be used by the customer.

Hon. Curt Hagman, San Bernardino County, asked what cities can do to prepare for and utilize the benefits of a connected environment. Mr. Kailas responded that cities can examine how they will use existing or future communication infrastructure and advanced technology to address transportation problems. Further, there are different technology choices available which enable vehicles to talk to each other or to infrastructure or for infrastructure to talk to other infrastructure and a proper approach would consider the nature of the problem and how society may address it in a sustainable way.

10. Transportation Electrification Partnership – Los Angeles Cleantech Incubator

Michelle Kinman, Director of Transportation, Los Angeles Cleantech Incubator (LACI), reported on their organization's activities. Ms. Kinman stated that LACI is a multi-year partnership among local, regional and state stakeholders to accelerate progress toward transportation electrification and zero emissions goods movement in advance of the 2028 Olympic Games. She noted strategies include unlocking innovation, transforming markets and enhancing communities in the areas of mobility, goods movement, clean energy/smart grid and smart cities.

Ms. Kinman reviewed the guiding principles for people movement including ensuring equal access to zero-emission transportation options that are cost competitive, safe and convenient. Goods movement guiding principles include ensuring that infrastructure investments support zero-emissions technology and corridors. Goods movement strategies can include charging infrastructure, heavy-duty drayage and long haul truck electrification. It was noted next steps include engaging key stakeholders from working groups as well as identifying key pilot projects.

Hon. Emily Gabel-Luddy, Burbank, asked if member cities can receive information regarding particular corridors that may pose a health risk to residents and communities interested in locating homes there. Ms. Kinman responded that the information can be shared with SCAG cities.

11. Virgin Hyperloop One Presentation

Tony Bauer, Tunnel Engineer, Virgin Hyperloop One, reported on Hyperloop technology. Mr. Bauer stated that a Hyperloop system features a pod that can move either passengers or cargo. The pod is operated in a low pressure tube which reduces air resistance and enables it to generate speeds up to 670 miles-per-hour. The pod is propelled using magnetic levitation technology. Mr. Bauer noted that the technology is 100% electric and produces no emissions. He reviewed current partnerships with Texas, Colorado, Missouri and Pennsylvania for potential Hyperloop corridors. Additionally, he noted a European development in Spain and an Indian partnership for a system between the cities of Mumbai and Pune.

Hon. Curt Hagman, San Bernardino County, asked if multiple pods could be operated in the tube at the same time. Mr. Bauer responded that the tube can service multiple pods at once and the greatest challenge in goods movement is establishing a logistical loading system at the ports.

Hon. Ross Chun, Aliso Viejo, asked if each pod will need to carry its own oxygen source since the transport tube uses low air pressure. Mr. Bauer responded that each pod will be pressurized and will be self-contained with its own oxygen similar to commercial aircraft.

12. RCTC Logistics Fee/Truck Study

John Standiford, Deputy Executive Director, Riverside County Transportation Commission (RCTC), reported on their Logistics Fee/Truck Study. Mr. Standiford stated that the impact of trucks and other traffic associated with warehousing and logistics has emerged as an issue of concern in Riverside County as large scale logistics facilities are locating in the area. He noted RCTC has undertaken a regional truck study to assess the impacts on the freeway system associated with new large warehousing centers as a basis for establishing a regional logistics mitigation fee.

Mr. Standiford reviewed the corridors expected to be most impacted by the increased truck traffic as well as the study methodology. It was noted the study is unique in that it finds a nexus between a mitigation fee and local growth of a specific industry which has a profound transportation impact on the freeway network. He noted next steps include additional public outreach and stakeholder workshops.

13. Last Mile Freight Study

Scott Strelecki, SCAG staff, provided an update on the Last-Mile Freight Study. He noted that parcel delivery is expected to more than double by 2025 which will impact dense urban areas, business districts and residential neighborhoods. Mr. Strelecki stated the study is being conducted to assess localized delivery conditions such as curbside access and use that are experienced by commercial freight delivery operators. Further, solutions will consider strategies to reduce costs, delays, ensure safety and enable efficient management of curbside assets. He noted the study area is within Los Angeles but focuses on methods beneficial to the SCAG region. Mr. Strelecki reviewed the scope, steps and objectives of the study and noted the final report is anticipated fall 2018.

**CHAIR'S REPORT**

Curt Hagman, San Bernardino County, noted the importance of looking at emerging technologies that may affect the future of transportation and the way cities operate. He also reported that SCAG received a positive certification review from the Federal Highway Administration and the Federal Transit Administration which evaluates metropolitan planning organizations every four years to insure the planning process meets all federal and applicable requirements. He also reminded interested members to register for the Ninth Annual Southern California Economic Summit December 6, 2018.

**ADJOURNMENT**

Hon. Curt Hagman, San Bernardino County, adjourned the meeting at 11:57 a.m.

**[MINUTES ARE UNOFFICIAL UNTIL APPROVED BY THE TRANSPORTATION COMMITTEE]**



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John Asuncion, Senior Regional Planner  
Transportation Planning

**Transportation Committee Attendance Report**

**2018**

Member (including Ex-Officio) Last Name, First Name	Representing	X = County Represented						X = Attended			= No Meeting			NM = New Member			Mtgs Atten ded	
		IC	LA	OC	RC	SB	VC	Feb	Mar	April	GA May	June	July	Aug	Sept	Oct		Nov
Ashton, Sean*	Downey		X					X	X	X					X	X	X	
Bailey, Rusty*	Riverside, WRCOG				X			X	X						X	X	X	
Becerra, Glen*	Simi Valley						X	X	X	X								
Benoit, Ben*	South Coast AQMD				X			X	X	X						X	X	
Berg, Will	VCOG, Port Hueneme							X	X	X					X	X	X	
Betts, Russell	CVAG				X			X	X	X					X	X		
Bishop, Austin	County																	
Boyles, Drew	El Segundo																	X
Brown, Art*	Buena Park			X				X	X	X					X	X		
Buscaino, Joe*	Los Angeles		X					X	X	X					X			
Chun, Ross	Aliso Viejo, OCTA			X				X	X	X					X		X	
Curtis, Jonathan*	La Cañada Flintridge		X							X								
Dixon, Diane	Newport Beach														X			
Gabel-Luddy, Emily	Burbank, AVCJPA		X							X						X	X	
Gazeley, James*	Lomita		X					X	X	X					X	X	X	
Giba, Jeffrey*	Moreno Valley				X			X	X	X					X		X	
Gonzalez, Lena*	Long Beach		X															
Hadjinian, Jack	Montebello, SGVCOG		X					X		X					X	X	X	
Hagman, Curt* (Chair)	San Bernardino County					X		X	X	X					X	X	X	
Harnik, Jan*	Palm Desert, RCTC				X													
Harrington, Dave	Aliso Viejo, OCCOG			X														
Herrera, Carol*	Diamond Bar		X					X	X	X								
Hofbauer, Steven*	County		X					X	X	X					X			
Huizar, Jose*	Los Angeles		X															
Hyatt, Jim*	Calimesa				X			X	X	X					X	X	X	
Judge, Mike*	Simi Valley, VCTC						X	X	X	X					X	X	X	
Kelley, Trish	Mission Viejo, OCCOG			X				X	X	X					X		X	
Krupa, Linda	Hemet, WRCOG				X											X		
Lane, Randon*	Murrieta				X			X	X	X					X	X	X	
Lorimore, Clint*	Eastvale				X			X	X	X					X		X	
Manos, Steve*	Lake Elsinore				X			X	X	X					X	X	X	
Marquez, Ray*	Chino Hills					X		X	X	X					X	X	X	
McCallon, Larry	Highland					X		X	X	X					X	X		
McLean, Marsha*	Santa Clarita		X					X	X	X					X	X		
Medina, Dan*	Gardena		X					X	X	X					X	X	X	
Messina, Barbara*	Alhambra		X					X	X	X					X	X	X	
L. Dennis Michael*	Rancho Cucamonga					X		X	X	X					X	X	X	
Minagar, Fred*	Laguna Niguel			X				X	X						X		X	
Moore, Carol	Laguna Woods, OCCOG			X				X	X	X					X	X	X	
Murray, Kris*	Anaheim			X					X	X						X	X	
Najarian, Ara	Glendale																X	
Navarro, Frank*	Colton					X		X		X					X	X	X	
Nelson, Shawn*	County of Orange			X														
Pedroza, Sam*	Claremont		X					X	X	X					X			
Pettis, Greg*	Cathedral City				X			X	X	X					X	X	X	
Puckett, Charles*	Tustin							X	X	X					X	X	X	
Real Sebastian, Teresa	Monterey Park/SGVCOG		X					X	X	X					X	X	X	
Robinson, Dwight	Lake Forest, OCCOG			X														
Ruiz, Crystal	WRCOG/San Jacinto				X				X							X		
Saleh, Ali*	City of Bell, GCCOG		X					X	X	X					X	X	X	
Sandoval, Damon	Morongo Band of Mission Indians																	
Simonoff, Marty*	Brea			X				X	X	X					X	X	X	
Small, Thomas															NM			
Stanton, Barb*	Apple Valley					X												
Sternquist, Cynthia	Temple City		X					X									X	
Talamantes, Jess			X						X	X					X	X		
Tercero, Brent	Pico Rivera		X					X	X	X						X	X	
Viegas-Walker, Cheryl* (VC)	El Centro		X					X	X	X						X	X	
Wapner, Alan*	SBCTA/SBCOG					X		X	X	X					X	X	X	
Weintraub, Alicia	Calabasas/LVMCOG		X					X							X			
Wilson, Michael*	Indio, CVAG				X			X										
<b>Totals</b>		<b>1</b>	<b>19</b>	<b>10</b>	<b>12</b>	<b>7</b>	<b>2</b>											

\* Regional Council Member

Attachment: TC Minutes - Nov 2018 (Minutes of TC Meeting, November 1, 2018)