



**TECHNICAL ADVISORY COMMITTEE TO THE MSRC
THURSDAY, FEBRUARY 1, 2018 MEETING MINUTES
21865 Copley Drive, Diamond Bar, CA 91765 - Room CC8**

MSRC-TAC MEMBERS PRESENT:

MSRC-TAC Chair Gretchen Hardison, City of Los Angeles
MSRC-TAC Vice-Chair Dan York, Cities of Riverside County
Steven Lee, Los Angeles County Metropolitan Transportation Authority
Rongsheng Luo, Southern California Association of Governments
Sean O'Connor, Cities of San Bernardino County
Andy Silva, San Bernardino County Board of Supervisors
Nicholas Nairn-Birch, California Air Resources Board
Richard Teebay (Alt.), Los Angeles County Board of Supervisors
Eddie Washington, Los Angeles County Board of Supervisors
Sue Zuhlke, Orange County Transportation Authority

OTHERS PRESENT:

Andrew Crell, Charge Point
Lauren Dunlap, SoCalGas
Jose Paul, Phoenix Motorcars
Cathy Rosas, Los Angeles County Metropolitan Transportation Authority

SCAQMD STAFF & CONTRACTORS

Leah Alfaro, Contracts Assistant
Ray Gorski, MSRC Technical Advisor-Contractor
Jennifer de la Loza, Secretary
Megan Lorenz, Principal Deputy District Counsel
Matt MacKenzie, Contracts Assistant
Cynthia Ravenstein, MSRC Contracts Administrator

CALL TO ORDER

- Call to Order
MSRC-TAC Chair Gretchen Hardison called the meeting to order at 1:37 p.m.

OPENING COMMENTS

- MSRC Member Sue Zuhlke stated Orange County Transportation Authority had the kickoff meeting for its hydrogen station yesterday. It will be commissioned by the end of the year. It will fuel 35 to 40 buses, in six to seven minutes simultaneously and is one of the largest so far in the United States.

STATUS REPORT

- Clean Transportation Policy Update –
The Clean Transportation Policy Update provides information on key legislative and regulatory initiatives of potential interest to the MSRC. The report can be viewed at www.cleantransportationfunding.org. MSRC-TAC Chair Gretchen Hardison stated that all of the members received an email with the link to the November 3 through mid-January version. Lots of things going on at the state level and various regions at the state. There are some prime bits from the draft budget and more specifics of the Governor's comments in his State of the State address. The 2017 Climate Change Scoping Plan has been adopted by the Air Resources Board and there are number of other funding opportunities that are detailed in the report. She encourages everyone to read it and share with others.

CONSENT CALENDAR (Items 1 through 3)

Receive and Approve

Agenda Item #1 – Minutes for the August 3, 2017 and November 2, 2017 MSRC-TAC Meetings

The Minutes for the August 3, 2017 and November 2, 2017 MSRC-TAC Meetings were distributed at the meeting. Minutes for the January 11, 2018 meeting were not yet available.

ON MOTION BY MSRC-TAC VICE-CHAIR DAN YORK AND SECONDED BY MSRC-TAC MEMBER SEAN O'CONNOR, UNDER APPROVAL OF CONSENT CALENDAR ITEMS 1-3, THE MSRC-TAC UNANIMOUSLY RECEIVED AND APPROVED THE MINUTES OF THE AUGUST 3 AND NOVEMBER 2, 2017 MSRC-TAC MEETINGS.

ACTION: MSRC staff will place the approved meeting minutes on the MSRC's website.

Information Only – Receive and File

Agenda Item #2 – MSRC Contracts Administrator’s Report

This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from January 3, 2018 through January 24, 2018.

ON MOTION BY MSRC-TAC VICE-CHAIR DAN YORK AND SECONDED BY MSRC-TAC MEMBER SEAN O’CONNOR, UNDER APPROVAL OF CONSENT CALENDAR ITEMS 1-3, THE MSRC-TAC UNANIMOUSLY RECEIVED AND FILED THE CONTRACTS ADMINISTRATOR’S REPORT FOR JANUARY 3, 2018 THROUGH JANUARY 24, 2018.

ACTION: The Contracts Administrator’s Report will be included on the MSRC's next agenda for final action.

Agenda Item #3 – Financial Report on AB 2766 Discretionary Fund

The Financial report on the AB 2766 Discretionary Fund for December 2017.

ON MOTION BY MSRC-TAC VICE-CHAIR DAN YORK AND SECONDED BY MSRC-TAC MEMBER SEAN O’CONNOR, UNDER APPROVAL OF CONSENT CALENDAR ITEMS 1-3, THE MSRC-TAC UNANIMOUSLY RECEIVED AND FILED THE FINANCIAL REPORT FOR THE MONTH OF DECEMBER 2017.

ACTION: No further action is required.

ACTION CALENDAR (Items 4 through 9)

Agenda Item #4 – Consider Six-Month Term Extension to the City of Long Beach, Contract #ML09036 (\$875,000 – Purchase 35 Natural Gas Refuse Trucks)

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes from the City of Long Beach, as part of 2008-2009 Local Government Match Program. The City was awarded funding to purchase a total of 35 heavy-duty natural gas vehicles. Originally, all of the vehicles were going to be LNG. They later requested MSRC approval to let them choose either LNG or CNG; at that same time they got an extension. The City has indicated that the shift from LNG to CNG delayed the last few vehicles longer than anticipated. The last vehicles purchased were not placed into service until November 2017. The City requests a six-month contract term extension to allow fulfillment of the contract’s five-year operational requirement. There was not a Scope Change Subcommittee meeting, so there is not a recommendation coming forward.

ON MOTION BY MSRC-TAC VICE-CHAIR DAN YORK AND SECONDED BY MSRC-TAC MEMBER SUE ZUHLKE, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF LONG BEACH, CONTRACT #ML09036, A SIX-MONTH TERM EXTENSION.

ACTION: MSRC staff will include this contract term extension on the next MSRC agenda for approval.

Agenda Item #5 – Consider 25-Month Term Extension to the Riverside County Transportation Commission (RCTC), Contract #MS14059 (\$1,250,000 - Implement Various Signal Synchronization Projects)

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes from Riverside County Transportation Commission. As part of the FYs 2012-14 Work Program, there was a Signal Signalization Partnership Program with the County Transportation Commissions. RCTC was awarded \$1.25M. RCTC indicates that two of the subject projects have experienced unforeseen delays in the planning and environmental phases: for the City of Moreno Valley's Transportation Management Center, environmental clearance was anticipated by 2015, but was not achieved until October 2017; and for the Coachella Valley Association of Government's (CVAG's) Regional Synchronization project, the completion of the traffic signal interconnect master plan took longer than anticipated due to coordination with the many involved jurisdictions. CVAG anticipates construction will commence by April 2019 for completion by April 2020. RCTC requests a 25-month term extension to ensure that all projects are complete.

ON MOTION BY MSRC-TAC VICE-CHAIR DAN YORK AND SECONDED BY MSRC-TAC MEMBER RONGSHENG LUO, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE RIVERSIDE COUNTY TRANSPORTATION COMMISSION, CONTRACT #MS14059, A 25-MONTH TERM EXTENSION.

ACTION: MSRC staff will include this contract term extension on the next MSRC agenda for approval.

[MSRC-TAC Member Nicholas Nairn-Birch arrived at 1:41 p.m., during discussion of this item]

Agenda Item #6 – Consider Contract Replacement for the City of Wildomar, Contract #ML16035 (\$500,000 – Installation of Bicycle Lanes)

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes from the City of Wildomar. The MSRC had awarded the City \$500,000 to install bicycle lane improvements on approximately 5 miles of roadway. This contract lapsed in November 2017. The City has requested that they wanted to complete the project, it is under construction now and getting closer to completion. South Coast AQMD has expressed concerns regarding doing an extension on a contract that has lapsed. If the MSRC wants to grant the County's request, the MSRC would need to authorize a new contract to be executed. Nothing has been paid to date on the previous contract, so the new contract value would be \$500,000.

MSRC Member Sue Zuhlke questioned why didn't they request this earlier? MSRC Vice-Chair Dan York replied that the contract that I reviewed, I did not see a sunset date. We were delayed

about 12-months from getting the state environmental approval for work within the existing right of way. It took a while to get the approval, we were coordinating five different fund sources. 100% of the funds were used for construction, none of the monies were used for administration.

ON MOTION BY MSRC-TAC MEMBER SUE ZUHLKE AND SECONDED BY MSRC-TAC MEMBER STEVEN LEE, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE A NEW CONTRACT FOR THE CITY OF WILDOMAR, CONTRACT #ML16035. MSRC-TAC MEMBER DAN YORK ABSTAINED.

ACTION: MSRC staff will include this contract term extension on the next MSRC agenda for approval.

FYs 2016-18 WORK PROGRAM

Agenda Item #7 – Consider Funding for Applications Received under the Natural Gas Infrastructure Program

Cynthia Ravenstein, MSRC Contracts Administrator reported the applications keep coming in a little bit at a time under this Natural Gas Infrastructure Program. We received the clarifications we were seeking from Omnitrans for their application to modify their maintenance facility and technician training; they are requesting \$83,000. The City of Gardena has a relatively ambitious project for their transit property to install a new limited access station. They are going to use renewable natural gas which entitles them to \$100,000 more. They also want to modify their maintenance facility and train their technicians. They will not receive more than 50% of the total cost of the project, as this project is more than a million dollars. The Infrastructure Subcommittee is recommending approval of the two applications for a total of \$448,000.

MSRC Chair Gretchen Hardison questioned does about \$3M still remain. Ray Gorski replied that is correct.

ON MOTION BY MSRC-TAC MEMBER SEAN O’CONNOR AND SECONDED BY MSRC-TAC MEMBER STEVEN LEE, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND APPROVAL OF AWARDS TO OMNITRANS FOR \$83,000 TO MODIFY MAINTENANCE FACILITY AND TECHNICIAN TRAINING AND CITY OF GARDENA FOR \$365,000 TO INSTALL A NEW LIMITED ACCESS STATION, MODIFY A MAINTENANCE FACILITY AND TRAIN TECHNICIANS.

ACTION: MSRC staff will include these awards on the next MSRC agenda for final action.

[MSRC-TAC Member Andy Silva arrived at 1:48 p.m., during discussion of this item]

Agenda Item #8 – Consider Funding for Applications Received under the Local Government Partnership Program

Cynthia Ravenstein, MSRC Contracts Administrator, reported this is an additional application and recommended award under the Local Government Partnership Program. There were actually two applications submitted, however we discovered that we needed further clarification on the application from the City of Grand Terrace. Consideration for that application is deferred. At this point, it is only the application from the City of Artesia requesting \$50,000 to install electric vehicle infrastructure. The City will be installing at least two stations: (1) to charge a full-size transit bus; and (2) to charge vehicles, a minimum of 5 ports altogether. The MSRC Outreach Coordinator is making a final push on outreach to the cities. We had confirmation that all of the counties know about it; there were still some cities that we didn't know for certain if they received the email or not.

ON MOTION BY MSRC-TAC MEMBER SUE ZUHLKE AND SECONDED BY MSRC-TAC MEMBER RONGSHENG LUO, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND APPROVAL OF AWARD FOR THE CITY OF ARTESIA FOR \$50,000 TO INSTALL ELECTRIC VEHICLE INFRASTRUCTURE.

ACTION: MSRC staff will include this award on the next MSRC agenda for final action.

Agenda Item #9 – Consider Funding for Application Received under the Major Event Center Transportation Program

Ray Gorski, MSRC Technical Advisor, reported this is a proposal which has been received from Los Angeles Metropolitan Transportation Authority (Metro) with partnership with the Los Angeles Dodgers to implement Major Event Center Transportation to Dodger Stadium, also known as Dodger Stadium Express. This is probably the very first event center project that the MSRC undertook years ago. It has been successfully implemented consistently now for the past several years. For the 2018 baseball season, Metro is requesting for \$1,324,560 in MSRC funding to be matched with co-funding not to be less than \$1.6 million. This would provide bus service from Union Station to the Dodger Stadium using natural gas buses. In the documentation which was provided by Metro within their application, they did a survey in 2015 to determine how their user base is accessing Union Station. It turns out on the order of 70% of the people that access Union Station to pick up the service which takes them to the Dodger Stadium, utilize public transit. That's really what the MSRC is looking for here, it's connectivity with multiple forms of public transit. That's a really good number, what it equates to is a relatively long trip avoided distance for the automobiles. The program this year will include additional service for the crosstown rivalry games with the Los Angeles Angels of Anaheim. They will have special Metrolink train service which will provide service from the Oceanside station up the Orange County Line to Union Station. Then riders can take the bus service on to Dodger Stadium. For the first time they will be using Tier 4 locomotives, that's going to reduce the emissions which are associated with that locomotive on the order of 85%. They also request that the MSRC consider including as part of this project, the possibility that they will be in the playoffs again, as well as a couple of potential concerts for which they would like to implement the service.

The staff report talks about what they will do relative to outreach with the various media to make sure that this service is known and I can assure you, given their ridership numbers, there is no surprise that the service is very popular. They have shown an increase year over year in the number of individuals who utilize the service to access Dodger Stadium; it is typically standing-room only on those buses. We quantified the emissions reductions attributable to the program. This is relatively conservative, but it is based upon both the data which they were able to glean from the ridership surveys that they conducted, as well as taking into account the attributes of the transportation services that they are using--you are looking at a reduction in oxides of nitrogen of approximately 0.4 tons for the 2018 season. It has been noted that, even though the ridership goes up, the emissions benefit goes down. It is not anyone's fault, it's just that automobiles continue to get cleaner. Which is good, we are winning. These buses are full, the trips eliminated are long, it is just that for a bunch of good reasons, we are approaching lower and lower emissions overall in the air basin every year.

MSRC-TAC Member Andy Silva asked if we have ridership numbers. Mr. Gorski replied, yes, 268,000. Cost-effectiveness? Mr. Gorski replied cost-effectiveness is not viewed in the same terms as it was 25 years ago, when we started. It reflects the fact that motor vehicle emissions have been cut by 500% over the last 25 years. A transit bus today is on the order of 50 times cleaner than it was when the MSRC started: from a 5 gram per brake horsepower, now if you buy the near zero bus at 0.01 for NOx. It's really dramatic. Mr. Silva commented there's Proterra, the electric buses that are really cool. Mr. Gorski added as we project forward looking at the new emission model which is EMFAC 2017, if you look at the out years there is a fair portion of vehicles which are zero-emission. The average emissions factors continue to go down and you look to the out years they really are overall near-zero for the light-duty automobiles. MSRC-TAC Chair Gretchen Hardison commented it is amazing and an extra added benefit for transportation planners, it relieves congestion, primarily in downtown Los Angeles.

ON MOTION BY MSRC-TAC MEMBER SUE ZUHLKE AND SECONDED BY MSRC-TAC MEMBER EDDIE WASHINGTON, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND APPROVAL OF AWARD TO THE LOS ANGELES METROPOLITAN TRANSPORTATION AUTHORITY FOR \$1,324,560 FOR SPECIAL BUS AND TRAIN SERVICE TO DODGER STADIUM FOR 2018.

ACTION: This award will be included on the next MSRC agenda for final action.

OTHER BUSINESS

Agenda Item #10 – Other Business

- MSRC-TAC Member Andy Silva announced that a couple of months ago, Metrolink started stopping in downtown San Bernardino at our big transit center which we finally built a couple of years ago. The center used to be the Old Santa Fe Depot from 1923. Our transit center has bus traffic, regular bus service and now we have Metrolink. In the next couple of years we will have rail service into Redlands all the way to the university.

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- MSRC-TAC Chair Gretchen Hardison thanked Sue Zuhlke for all of her work on the MSRC-TAC for a number of years. We really appreciated your participation and you representing your agency well. MSRC-TAC Member Sue Zuhlke commented I've worked at OCTA since 2000 and I've been very fortunate. I have worn many hats, I've overseen safety, labor and employee relations, state and federal relations. I also worked on the rail system initially, the center line that kind of died unfortunately but now we do have a streetcar that we're putting in. My most challenging experiences and probably the ones that gave me the greatest pleasure have been in the Transit Division, working with the Maintenance Department, being able to work on this technical advisory committee and hopefully making some good contributions. It has been the best 7+ years at the OCTA.

PUBLIC COMMENTS:

- Cathy Rosas, Los Angeles County Metropolitan Transportation Authority, commented she would like to say thank you very much for all of your consideration and thanked Sue Zuhlke for all of her great work.
- Jose Paul, Phoenix Motorcars, commented we make electric shuttle buses and trucks; we are based in the Ontario. We worked with a lot of cities. We've been talking to cities and Cynthia about using MSRC funding to fund some of our shuttle buses and electric trucks. We thought we would come here to understand more about the MSRC and see how it works. MSRC-TAC Chair Gretchen Hardison thanked him for coming.

ADJOURNMENT

THERE BEING NO FURTHER BUSINESS, THE MSRC-TAC MEETING
ADJOURNED AT 2:06 P.M.

NEXT MEETING: Next meeting: Thursday, March 1, 2018, 2:30 p.m., at the South Coast Air Quality Management District.

(Minutes prepared by Penny Shaw Cedillo)