Air Quality Conformity Task Force
Metropolitan Transportation Commission
Bay Area Metro Center
Mount Hamilton Conference Room
375 Beale Street, Suite 800
San Francisco, CA

Conference Call Number: Dial - (415) 655-0002 (Access Code: 923 210 126)
Participant ID is # button.

July 25, 2019
9:30 a.m. –11:00 a.m.

AGENDA

1. Welcome and Introductions

2. PM$_{2.5}$ Project Conformity Interagency Consultations
   a. Confirm Projects Are Exempt from PM$_{2.5}$ Conformity;
      Projects Exempt Under 40 CFR 93.126 – Not of Air Quality Concern

3. Consent Calendar
   a. June 27, 2019 Air Quality Conformity Task Force Meeting Summary

4. Other Items
   Next Meeting: August 22, 2019

MTC Staff Liaison: Harold Brazil   hbrazi@bayareametro.gov
Memorandum

TO:    Air Quality Conformity Task Force             DATE:     July 12, 2019

FR:    Harold Brazil                                    W. I.

RE:    PM$_{2.5}$ Project Conformity Interagency Consultation

MTC requests the review and concurrence from the Air Quality Conformity Task Force
(AQCTF) that the list of projects sponsors have identified as exempt and likely not to be a
Countermeasure: CM-HG03
Install pedestrian crossing at uncontrolled locations.

SA. SOL/00067 Solano City
Benicia City: Various Locations: H9-04-033 Enhance pedestrian crossings by the addition of ADA curb ramp, RRFB system, yield lines and signs, and other relevant elements.

Benicia: On Merganser Dr between Sunset Ave and Wigeon Way, the intersection of Pintail Dr and Scoter Way, and on there is a migration.

Benicia: At 28 locations: H9-04-005 Upgrade existing guardrails and their end treatments - Bridge rail upgrade, and seismic retrofit

Project Type under 40 CFR 93.126 Exempt Projects List

Safety - Widening narrow pavements or reconstructing bridges (no additional travel lanes)

Safety - Walking narrow pavements or reconstructing bridges (no additional travel lanes)

Safety - Safety improvement program

Safety - Safety improvement program

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SA. SOL/00008 Solano City
Calijo: At 5 intersections: H9-04-037 Construct pedestrian crossing enhancements such as advanced pedestrian warnings and signs as well as Rectangular Rapid Flashing Beacons (RRFBs)

Countermesures:

SA. SOL/00009 Solano City
Calijo: At 9 intersections: H9-04-038 Install High-Intensity Activated Crosswalk beacon (HAWK)

Vallejo: At the intersections of Broadway and Hasting Dr with London Dr: H9-04-006 Enhance pedestrian crossings by installing ADA curb ramp, RRFB system, yield lines and signs, and other relevant elements.

Vallejo: At the intersections of Foothill Dr at Redwood Pkwy, Valle Vista Ave at Redwood St, Fairview Ave at Redwood St, Howard Ave at Redwood St, and Solano Ave at Tuestine Sr: H9-04-037 Construct pedestrian crossing enhancements such as advanced pedestrian warnings and signs as well as Rectangular Rapid Flashing Beacons (RRFBs)

Countermeasure: CM-HG26
Install pedestrian signal

SA. SOL/00010 Benicia
Berkeley: H9-04-005 Guardian Upgrades

Benicia: At 28 locations: H9-04-005 Upgrade existing guardrails and the end treatments - CM = R - Remove/Shield obstacles install guardrail.

SA. SOL/00011 Benicia
Berkeley: H9-04-006 Pedestrian Crossing Enhancements

Benicia: At the intersections of West 5th St with Military West and Huron Dr with London Dr: H9-04-006 Enhance pedestrian crossings by installing ADA curb ramp, RRFB system, median island, and sidewalk, and other relevant elements.

Countermesures:

SA. SOL/00012 Fairfield
Fairfield: H9-04-011 Guardian Project

Fairfield: At 3 locations: H9-04-011 Upgrade existing guardrails and their end treatments - Countermeasure = R-H: Remove/Shield Obstacles Install Guardian

SA. SOL/00013 Fairfield
Fairfield: Signalized Intersection Improvements

Fairfield: At 14 intersections: H9-04-013 Install Adaptive Signal Timing and advanced dilemma-zone detection, and enhance the visibility of signals.

Fairfield: At 24 signalized intersections including 71 Texas St at Tabor, Travis, Walmart, and Atlantic/Cement Hill, Travis Blvd at 2nd, Pennsylvania, Webster, Union, Holiday, Fairfield, Solano Mall, and Diller, Oliver at Woodstock, and Gateway at Courtyard: H9-04-012 Install Adaptive Signal Timing and advanced dilemma-zone detection, and enhance the visibility of signals.

SA. SOL/00014 Rio Vista
Rio Vista: H9-04-014 Pedestrian Crossing Enhancements

Rio Vista: At 3 locations: H9-04-014 Enhance pedestrian crossings by the addition of ADA curb ramps, curb extensions, advance yield signs and lines, Rectangular Rapid Flashing Beacons (RRFBs) and other relevant elements.

Rio Vista: At 5 locations: H9-04-014 Enhance pedestrian crossings by the addition of ADA curb ramps, curb extensions, advance yield signs and lines, Rectangular Rapid Flashing Beacons (RRFBs) and other relevant elements.

SA. SOL/00015 Fairfield
Fairfield: HSIP 9 HAWK Installation H9-04-004

Fairfield: At 6 locations: H9-04-004 Construct pedestrian crossing enhancements including HAWK Installation accompanied by ADA curb ramp, and relevant signs and pavement markings.

Fairfield: At 6 intersection: H9-04-004 Construct pedestrian crossing enhancements including HAWK Installation accompanied by ADA curb ramp, and relevant signs and pavement markings.

Fairfield: At 5 intersections: H9-04-004 Construct pedestrian crossing enhancements including HAWK Installation accompanied by ADA curb ramp, and relevant signs and pavement markings.
1. **Welcome and Self Introductions:** Harold Brazil (MTC) called the meeting to order at 9:35 am.

2. **PM2.5 Project Conformity Interagency Consultations**

   a. **Consultation to Determine Project of Air Quality Concern Status**

      i. **SR 29 / SR 221 Soscol Junction Project**

Kelly Hirschberg (Caltrans) started her presentation of the SR 29 / SR 221 Soscol Junction project by noting the current congestion at the existing signal intersection can cause a 3-minute delay and potentially take 2 traffic light cycles for vehicles to pass thru the location. Ms. Hirschberg went on to say that the purpose of the SR 29 / SR 221 Soscol Junction project is to alleviate congestion, improve operations, and enhance safety for all modes of transportation at the SR 221 and SR 29 / SR 12 intersection.

Ms. Hirschberg went on to describe the SR 29 / SR 221 Soscol Junction project by stating that the proposed project would:

- Remove and replace the existing signal-controlled intersection with a new interchange. This will result in two intersections, which will be controlled by two roundabouts – creating tight diamond interchange with roundabouts;
- Elevate SR 29 as an overcrossing to allow free flow of eastbound and westbound traffic on SR 29;
- Construct a shared use path for pedestrian and bicyclists along the northern side of SR 221 and Soscol Ferry Road to circulate pedestrian and bicycle movement in the vicinity of the roundabouts.

Ms. Hirschberg added that the signalized intersection of SR 29 / SR 221 is currently experiencing traffic congestion during a.m. and p.m. peak periods and is operating at or near capacity with the peak hour traffic volumes in both the AM and PM on SR 29 and SR 221 expected to increase by the year 2045. Ms. Hirschberg mentioned that these traffic volumes will be significantly higher than the capacity of the existing intersection.
Kevin Krewson (Caltrans) described the land uses in the SR 29 / SR 221 Soscol Junction project area as including some light commercial and industrial uses with substantial vacant and rural lands. Mr. Krewson reiterated the purpose and need of the project being:

- The purpose of this project is to alleviate congestion, improve operations, and enhance safety for all modes (including bicycle and pedestrian modes) of transportation at the SR 221 and SR 29 intersection
- The project is needed because the signalized intersection of SR 29/ SR221 is currently experiencing traffic congestion during a.m. and p.m. peak periods and is operating at or near capacity. Peak hour traffic volumes in both the AM and PM on SR 29 and SR 221 are expected to increase by the year 2045. These traffic volumes will be significantly higher than the capacity of the existing intersection

Mr. Krewson indicated the forecasted AADT in the SR 29 / SR 221 Soscol Junction project area, for the opening year (2025) and the horizon year (2040), for both the no build and build scenarios is the same because no roadway capacity is being added due to the project. Ms. Hirschberg and Mr. Krewson anticipate the preliminary engineering/environmental phase of the project to be completed in January 2020, project engineering and right-of-way acquisition to be completed in December 2021 and construction completed in December 2024.

**Final Determination:** With input from FHWA, EPA, Caltrans (deferring their determination to FHWA) and FTA, the Task Force concluded that SR 29 / SR 221 Soscol Junction project was not of air quality concern.

b. **Confirm Projects Are Exempt from PM2.5 Conformity**

   i. **Confirmation of the list of exempt projects from PM2.5 Conformity**
      
      (2b_Exempt List 061319.pdf)

Panah Stauffer (EPA) made the following observations/comments:

1. Suggested the City of Mountain View’s West Middlefield Road Improvements project (TIPID# SCL170040) "Project Type" be changed to Guardrails, median barriers, crash cushions (from Pavement resurfacing or rehabilitation)
2. Suggested the City of San Jose’s Willow-Keyes Complete Streets Improvements project (TIPID# SCL190028) "Project Type" be changed to Bicycle and pedestrian facilities (from Hazard elimination program)
3. Asked for confirmation that the H9-04-035 Vacaville Signal Improvements project (TIPID# SOL190006) is included in the approved Highway Safety Improvement Program (HSIP)

For items 1 and 2 (from above), Adam Crenshaw (MTC) indicated the noted changes would be made in FMS. For the Vacaville Signal Improvements project, after the Task Force meeting Mr. Crenshaw provided the confirmation that the project is included in the HSIP and Ms. Stauffer concurred that the project is exempt.
**Final Determination:** With input from FTA, EPA, Caltrans and FHWA, the Task Force agreed that the project on the exempt list (2b_Exempt List 061319.pdf) was exempt from PM$_{2.5}$ project level analysis.

3. Projects with Regional Air Quality Conformity Concerns

   a. Review of the Regional Conformity Status for New and Revised Projects

**Projects Staff Proposing to Include in the 2019 TIP**

Adam Crenshaw (MTC) stated that MTC staff had received requests from sponsors to add six new individually listed project to the 2019 TIP and the Task Force had no comments.

4. Transportation Air Quality Conformity Redetermination for the 2019 Transportation Improvement Program and Amended Plan Bay Area 2040 (Update)

Harold Brazil (MTC) stated that the Transportation Air Quality Conformity Redetermination for the 2019 TIP and Amended Plan Bay Area 2040 was recommended for full Commission approval at MTC’s Planning Committee meeting on June 14th, 2019, received Commission approval on June 26th, 2019 and sent on to FTA and FHWA for their approval. On July 8th, 2019, FTA and FHWA completed a joint approval determination for the Conformity Redetermination document.

5. Consent Calendar

   a. May 23, 2019 Air Quality Conformity Task Force Meeting Summary

**Final Determination:** With input from all members, the Task Force concluded that the consent calendar was approved.