



**METROPOLITAN
TRANSPORTATION
COMMISSION**

Bay Area Metro Center
375 Beale Street, Suite 800
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Air Quality Conformity Task Force

Metropolitan Transportation Commission
Bay Area Metro Center

Mount Hamilton Conference Room

375 Beale Street, Suite 800

(Note: Visitors must check in with the receptionist on the 7th floor)
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 hbrazil@bayareametro.gov



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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 POAQC. **2b_Exempt List 07122019.pdf** lists exempt projects under 40 CFR 93.126.

40 CFR 93.126 Exempt Projects List

| County | TIP ID | Sponsor | Project Name | Project Description | Expanded Description | Project Type under 40 CFR 93.126 |
|--------|-----------|-------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| ALA | ALA190017 | Caltrans | Arroyo de la Laguna Bridge Rehab - 33-0043 | Alameda County: Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043: Replace/rehabilitate bridge for scour mitigation, bridge rail upgrade, and seismic retrofit | Alameda County: Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043: Replace/rehabilitate bridge for scour mitigation, bridge rail upgrade, and seismic retrofit | Safety - Widening narrow pavements or reconstructing bridges (no additional travel lanes) |
| SM | SM-190007 | Woodside | Old La Honda Rd. Bridge Rehab - 35C0190 | Woodside: BRIDGE NO. 35C0190, OLD LA HONDA ROAD OVER DRAINAGE SWALE, 0.1 MI. W. OF PORTOLA RD: Bridge rehabilitation. Rehabilitate existing bridge to function as a culvert (no added capacity.) | Woodside: BRIDGE NO. 35C0190, OLD LA HONDA ROAD OVER DRAINAGE SWALE, 0.1 MI. W. OF PORTOLA RD: Replace the existing bridge by installing an 84-inch reinforced concrete pipe culvert (half filled with rock and streambed gravel) below the existing bridge and backfill with concrete around culvert from the outside edge of the exterior girders, up to the bottom of the existing reinforced concrete T-beam bridge deck. The existing bridge will effectively be replaced with a culvert. The existing reinforced concrete T-beam bridge deck and barriers will remain in place. The roadway will not be widened. All improvements will be within the footprint of the existing bridge and within the existing right-of-way. | Safety - Widening narrow pavements or reconstructing bridges (no additional travel lanes) |
| SOL | SOL190007 | Suisun City | Suisun City Pedestrian Crossing Improvements | Suisun 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 | Suisun City: On Merganser Dr between Sunset Ave and Wigeon Way, the intersection of Pintail Dr and Scoter Way, and on Lawler Ranch Pkwy between Fennie Way and Hillborn Way: H9-04-033 Enhance pedestrian crossings by the addition of ADA curb ramp, RRFB system, yield lines and signs, and other relevant elements. | Safety - Safety improvement program |
| SOL | SOL190008 | Vallejo | H9-04-038 Vallejo HSIP 9 Pedestrian Crossings | Vallejo: At 6 unsignalized intersections: H9-04-038 Install High-Intensity Activated Crosswalk beacon (HAWK) | Vallejo: At the intersections of Broadway and Hogan, Springs and Tregaskis, Broadway and Illinois, Springs and Heartwood, Springs and Lassen/Hilton, and Broadway and Hampshire: H9-04-038 Install High-Intensity Activated Crosswalk beacon (HAWK) Countermeasure: CM=NS18 Install pedestrian crossing at uncontrolled locations. | Safety - Safety improvement program |
| SOL | SOL190009 | Vallejo | H9-04-037 Vallejo: HSIP 9 HAWK Installation | Vallejo: 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) | 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 Tuolumne St: H9-04-037 Construct pedestrian crossing enhancements such as advanced pedestrian warnings and signs as well as Rectangular Rapid Flashing Beacons (RRFBs) Countermeasure: CM=NS19 Install pedestrian signal | Safety - Safety improvement program |
| SOL | SOL190010 | Benicia | Benicia: H9-04-005 Guardrail Upgrades | Benicia: At 28 locations: H9-04-005 Upgrade existing guardrails and the end treatments | Benicia: At 28 locations: H9-04-005 Upgrade existing guardrails and the end treatments - CM = R4 - Remove/Shield obstacles install guardrail. | Safety - Safety improvement program |
| SOL | SOL190011 | Benicia | Benicia H9-04-006 Pedestrian Crossing Enhancements | Benicia: At the intersections of West 5th St with Military West and Hasting 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 | Benicia: At the intersections of West 5th St with Military West and Hasting 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 - Countermeasures: "SC20: Install Pedestrian Crossings (S.I.) NS8: Install flashing beacons as advance warnings (S.I.) NC17: Install pedestrian crossing at uncontrolled locations (new signs and markings only) NC18: Install pedestrian crossing at uncontrolled locations (w/ enhanced safety features) R38: Install pedestrian crossing (w/enhanced safety features)" | Safety - Safety improvement program |
| SOL | SOL190012 | Fairfield | Fairfield: H9-04-013 Guardrail Project | Fairfield: At twenty-five (25) locations: H9-04-013 Upgrade existing guardrails and their end treatments | Fairfield: At twenty-five (25) locations: H9-04-013 Upgrade existing guardrails and their end treatments - Countermeasure = R4: Remove/Shield Obstacles Install Guardrail | Safety - Safety improvement program |
| SOL | SOL190013 | Fairfield | Fairfield Signalized Intersection Improvements | Fairfield: At 14 intersections: H9-04-012 Install Adaptive Signal Timing and advanced dilemma-zone detection, and enhance the visibility of signals | Fairfield: At 14 signalized intersections including N Texas St at Tabor, Travis, Walmart, and Atlantic/Cement Hill, Travis Blvd at 2nd, Pennsylvania, Webster, Union, Holiday, Fairfield, Solano Mall, and Oliver, Oliver at Woodcreek, and Gateway at Courtyard: H9-04-012 Install Adaptive Signal Timing and advanced dilemma-zone detection, and enhance the visibility of signals | Safety - Safety improvement program |
| SOL | SOL190014 | Rio Vista | Rio Vista: H9-04-026 Pedestrian Crossings | Rio Vista: At 4 intersections: H9-04-026 Enhance pedestrian crossings by the addition of ADA curb ramp, curb extensions, advance yield signs and lines, Rectangular Rapid Flashing Beacons (RRFBs) and other relevant elements | Rio Vista: At S 2nd and Marina Dr (Riverview Junior High), DH White Elementary School and Thereza Way, DH White Elementary School and Laurel Way, and S 7th St and Main St: H9-04-026 Enhance pedestrian crossings by the addition of ADA curb ramp, curb extensions, advance yield signs and lines, Rectangular Rapid Flashing Beacons (RRFBs) and other relevant elements | Safety - Safety improvement program |
| SOL | SOL190015 | Fairfield | Fairfield: HSIP 9 HAWK Installation H9-04-014 | Fairfield: At five (5) non-signalized intersections: H9-04-014 Construct pedestrian crossing enhancements including HAWK installation accompanied by ADA curb ramp, and relevant signs and pavement markings. | Fairfield: At N Texas St at Oak St, Pennsylvania Ave at Empire St, N Texas St at Wisconsin St, Travis Blvd at Phoenix Dr, and Travis Blvd at Clay St: H9-04-014 Construct pedestrian crossing enhancements including HAWK installation accompanied by ADA curb ramp, and relevant signs and pavement markings | Safety - Safety improvement program |

**Air Quality Conformity Task Force
Summary Meeting Notes
June 27, 2019**

Participants:

| | |
|-----------------------------|--------------------------|
| Cindy Fong – Caltrans | Shannon Hatcher – CARB |
| Kenny Tsan – Caltrans | Dick Fahey – Caltrans |
| Daisy Laurino – Caltrans | Panah Stauffer – EPA |
| Kevin Krewson – Caltrans | Lucas Sanchez – Caltrans |
| Kelly Hirschberg – Caltrans | Adam Crenshaw – MTC |
| Rebecca Schenck – NVTA | John Saelee – MTC |
| Sanjay Mishra – NVTA | Harold Brazil – MTC |

1. Welcome and Self Introductions: Harold Brazil (MTC) called the meeting to order at 9:35 am.

2. PM_{2.5} 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 PM_{2.5} Conformity

i. Confirmation of the list of exempt projects from PM_{2.5} 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.