

WELCOME
to
AQAP Technical Roundtable

Agenda Overview

Oral Reports

- A. Participation Framework Update (20 min) –
Arellano Associates

- B. AQAP Project Update (30 min) - *ICF*
 - Community Medical Needs Assessment
 - Near Roadway Modeling
 - AQ/HRA Final Protocol
 - Sensitive Receptors

Agenda Overview

ROUNDTABLE DISCUSSION (60 min)

Reporting Out (30 min)

Public Comments

Wrap-up and Next Steps

Agenda Overview

Other

Early Actions (20 min)

I-710 Construction Staging and Phasing
Emissions Preview - (20 min)

AQAP Participation Framework- Update

AQAP Participation Goals

AQAP Participation Goals

- Develop the AQAP through the participation process
- Engage in debate to help crystallize issues
- Through informed understanding of what the choices are, help evaluate merits of each possible option, and search for answers that will be mutually advantageous

Participation Framework



Participation Framework

Committee Update Format:

- Participants
- Topics
- Issues
- Comments/Responses

**I-710 Project
Committee**

I-710 Related
Elements

**GCCOG
Board**



**Transportation
Committee**

July 6th
August 3rd
Sept 7th

**Environmental
Committee**

July 6th
August 3rd
Sept 7th

**AQAP
Roundtables**

July 18th Briefing
July 27th Kick-Off
August 24th Kick-Off

**AQAP
Technical
Working Groups**

July 7th Briefing
July 13th /14th Kick-Off
August 10th /11th

I-710 HIA TWG August 29th

AQAP Participation Framework

I-710 Health Impact Assessment (HIA)
Technical Working Group (TWG)

I-710 HIA TWG Update

AQAP Participation Framework

I-710 HIA TWG Update

Participants

U.S. Environmental Protection Agency, Region IX

U.S. Department of Transportation (MARAD)

South Coast Air Quality Management District (SCAQMD)

Southern California Association of Governments (SCAG)

Los Angeles County Metropolitan Transportation Authority (Metro)

Los Angeles County, Department of Public Health

City of Vernon Health Department

Port of Long Beach (POLB)

Port of Los Angeles (POLA)

BP Lubricants USA

AQAP Participation Framework I-710 HIA TWG Update

Topics

HIA Goals
Overarching Parameters
Health Determinants
Pathways
Research Questions
Scope of Work

Meetings

May 12th, May 26th, July 11th, August 29th

AQAP Participation Framework I-710 HIA TWG Update

Issues

- Data and Schedule Limitations, including use of I-710 technical studies
- Quantitative versus Qualitative Analysis
- Growth Assumptions (No Build Option)
- Residual Impacts
- Jobs and Economic Development
- PM 2.5 - Mortality and Morbidity

AQAP Participation Framework

I-710 HIA TWG Update

Input

Recommendations

I-710 HIA TWG agreed to:

- HIA Goals (5) and Overarching Parameters
- Set of Health Determinants (6)
- Set of Pathways (based on the selected determinants) as hypotheses.
- Set of research questions and ways to measure answers (indicators).
- HIA Scope
- Forwarded package to Roundtables

AQAP Participation Framework I-710 HIA TWG Update

Input

Recommendation

PM 2.5 - Mortality and Morbidity

- Considerable discussion
- EPA recommended adding PM 2.5 mortality to the Air Quality pathway diagram.
- Ports noted that mortality rates generally are in port EIR reports for informational purposes only.

Response: Add quantification of mortality and morbidity to AQAP analysis with full disclosure of uncertainties.*

**Note: Required emission data will not be available for analysis in the I-710 HIA, but will be included in the AQ/HRA Assessment*

AQAP Participation Framework

Air Quality/ Health Risk Assessment
Technical Working Group (TWG)

AQ / HRA TWG Update

Air Quality/Health Risk Assessment (AQ/HRA) AQ / HRA TWG Update

AQ/ HRA TWG Purpose

- Methods used to assess air quality impacts and human health risks differ among the agencies.
- TWG will:
 - Ensure transparency and allow communication on technical issues among various stakeholders; and
 - Facilitate consensus on the technical tools and methodologies to be employed and utilized through this process.

AQAP Participation Framework

AQ / HRA TWG Update

Participants

U.S. Environmental Protection Agency, Region IX

Office of Environmental Health Hazards Administration (OEHHA)

California Air Resources Board (CARB)

South Coast Air Quality Management District (SCAQMD)

Los Angeles County Metropolitan Transportation Authority (Metro)

City of Vernon Health Department

Port of Long Beach (POLB)

Port of Los Angeles (POLA)

AQAP Participation Framework

AQ / HRA TWG Update

Topics

AQ/HRA Protocol and related issues

Meetings

May 17th, June 21st, July 25th

AQAP Participation Framework

AQ / HRA TWG Update

Issues

- Use of the AQ and HRA in decision making
- Pollution Sources to be analyzed in AQAP
- Construction Staging Concept / Emissions Analysis
- Study Area
- Hotspot Analysis Methodology
- List of Air Toxics and pollutants to be modeled
- Model Options

AQAP Participation Framework

AQ / HRA TWG Update

Input

Recommendations

Construction Staging Concept

Comment: **Construction Impacts** should be included in the I-710 EIR HRA

Response: The construction emission analysis for this possible staging plan will be provided to the I-710 EIR/EIS team in mid-August and with adequate time to estimate the construction impacts in the Health Risk Assessment as requested by the Corridor Advisory Committee and concurred with by the I-710 Project Committee.

AQAP Participation Framework

AQ / HRA TWG Update

Input

Recommendations

Hot Spot Analysis of “Average” Area

Comment: AQAP may consider performing a hot spot analysis on the two highest freeway areas, and one “average” freeway area. In this way, the public could see a typical risk associated with proximity to freeways in comparison to background and hot spot levels.

Response: Selection of an “average” freeway hot spot will be considered. If hot spots not proximate to a freeway are found, they will also be considered for selection.

AQAP Participation Framework

AQ / HRA TWG Update

Input

Recommendations

Study Area Expansion

Comment: AQAP Study Area should be expanded beyond the Gateway Cities geographic boundaries to include areas that may have significant impacts from goods movement and Port-related activities.

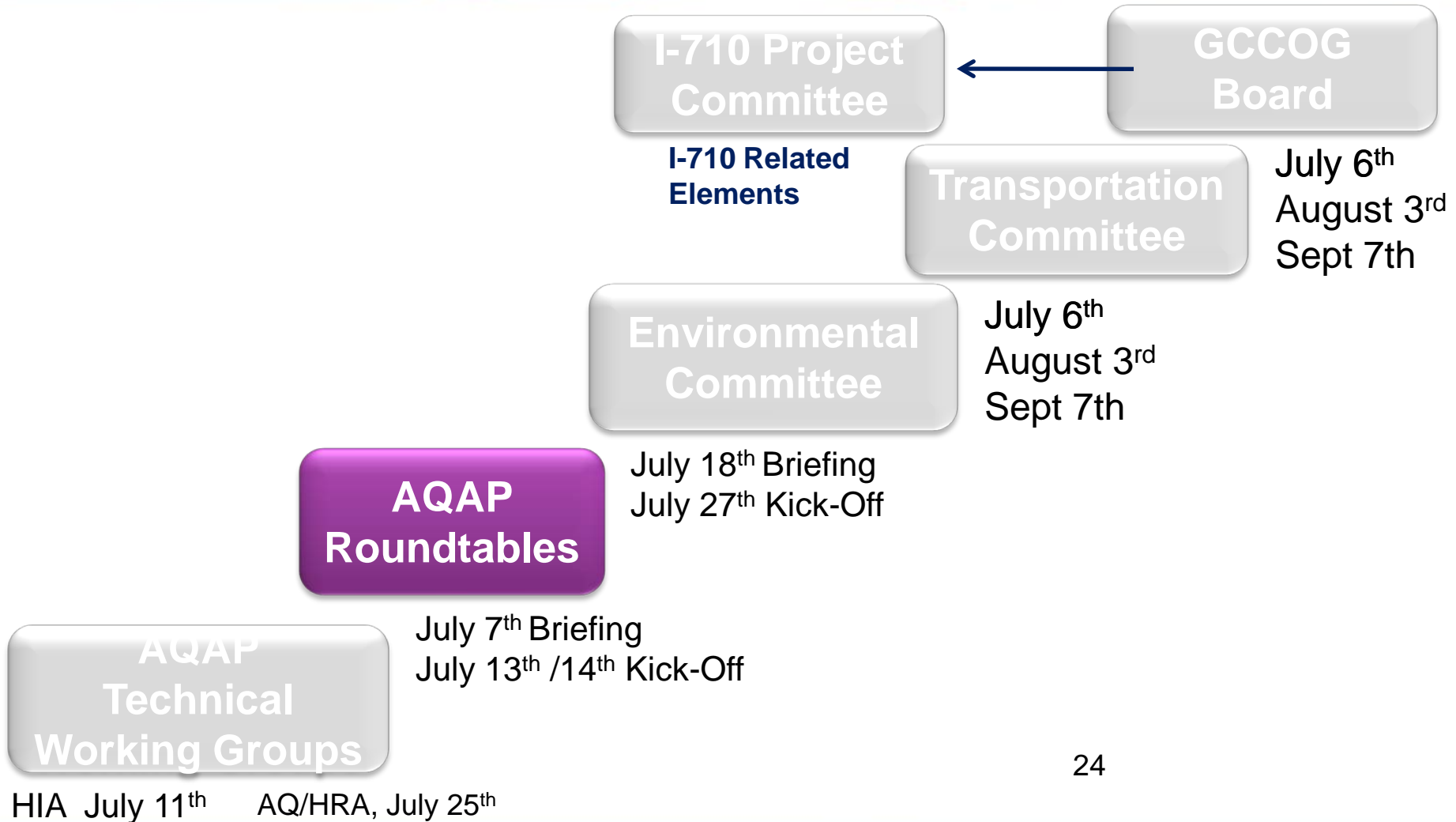
Response: The AQAP Study Area has been expanded to include Wilmington and Carson.

AQAP Participation Framework

AQAP Technical Roundtable (TRT)

TRT Update

Participation Framework



AQAP Participation Framework

TRT Update

Participants

Federal US Environmental Protection Agency

US Department of Transportation, MARAD

Regional SCAQMD, SCAG

Public Works/Planning

Cities of La Mirada and South Gate Community Development

Cities of La Mirada, Compton, Lynwood Public Works

Cities of Long Beach and Los Angeles Planning Departments

JPA/TAC I-5 JPA; I-710, SR 91/605/405 TACs

Ports Ports of Los Angeles and Long Beach

Public Health City of Long Beach Health & Human Services

City of Vernon Health & Environmental Control Department

Los Angeles County Department of Public Health

At-Large TIAX, BNSF Railway

AQAP Participation Framework TRT Update

Topics

- Compendium Update of Existing/Proposed Near-Term Air Quality Improvement Strategies
- I-710 Construction Staging and Phasing Concept
- I-710 HIA Goals, Parameters, Health Determinants, Pathways, Research Questions and Scope

Meetings

July 7th Briefing, July 13th Meeting

AQAP Participation Framework TRT Update

Issues

- Role of HIA in identifying potential mitigation measures for I-710 EIR/EIS
- Water Quality
- Assumptions used to assess Health Determinants, including full port build-out
- Potential community concern surrounding the exclusion of construction emissions
- Types of data that would be analyzed quantitatively and qualitatively
- Distinguishing between carrot-style and stick-style measures.

AQAP Participation Framework TRT Update

Issues

- Potential concerns over the credibility of the references
- PM 2.5 morbidity/mortality issues
- Process for providing feedback
- Use of standard language to communicate magnitude of impacts
- Keeping informed of results from I-710 EIR/EIS technical reports that have not become public information
- Incremental vs residual changes in health outcomes

AQAP Participation Framework TRT Update

Input

Recommendations

- Allow comments to be submitted following each ART Meeting.
- Agreement on HIA Goals and Overarching Parameters as presented.
- Traffic Safety Effects Pathway: HIA should consider likely changes in passenger vehicle size and technology, especially as vehicles become smaller and lighter.

EC Liaison

Daniel Ojeda was selected to serve as Technical Roundtable Liaison to the Environmental Committee.

AQAP Participation Framework

AQAP Advisory Roundtable (ART)

ART Update

AQAP Participation Framework

ART Update

Participants

- **Academic & Educational** – *USC; UCLA; Cal State University, Long Beach; Tri-Cities Occupational*
- **Community Representatives** - *Mothers of East LA, Our Lady of Lourdes Church (East LA), Port of LA CAC, West Long Beach, Downey*
- **Environmental Community** - *NRDC, CCA, East Yard Communities, CBE, CSE*
- **Public Health Advocates** - *legal aid foundation, city and county health departments, Breathe LA, LABACA*
- **Private Sector** - *chambers of commerce, WSPA, PMSA, Future Ports*
- **Public Sector** - *ports, SCAQMD, CARB, Metro, utilities*

AQAP Participation Framework ART Update

Topics

- Compendium Update of Existing/Proposed Near-Term Air Quality Improvement Strategies
- I-710 Construction Staging and Phasing Concept
- I-710 HIA Goals, Parameters, Health Determinants, Pathways, Research Questions and Scope

Meetings

July 7th Briefing, July 14th Kick-Off Meeting

AQAP Participation Framework Advisory Roundtable Update

Comments Concerns

Formal Comments

Four Letters Received

- Three letters addressed HIA Scope
- One letter addressed Compendium Report.

Informal Comments

- 49 Comments in logged in:
 - 14 Policy Comments
 - 34 Technical Questions
 - 26 HIA Comments

AQAP Participation Framework Advisory Roundtable Update

Issues

- Funding Transportation Improvements
- Health Baseline for I-710 Corridor Area
- HIA Deadlines
- Baseline Comparisons
- HIA Analysis Timelines
- Health Impacts and Environmental Justice
- Health Effects of Diesel Exhaust Air Pollution
- Meteorological Conditions
- Impact Analysis Area Definition
- Sensitive Receptors
- EIR Assumptions
- Port Build-out Assumptions
- Data Sources

AQAP Participation Framework Advisory Roundtable Update

Comments Concerns

- Comparisons being made amongst the alternatives are flawed. Specifically, all alternatives, including the no project alternative, assume the same amount of traffic in the project area.
- We need to understand what the agencies are considering as far as the composition of the fleet traveling in the project area.
- HIA should include an analysis of construction impacts.
- HIA should consider how increased investment in transit infrastructure could improve health in the region, including investment in bicycle and pedestrian infrastructure
- HIA analysis should examine variations in the subregion to determine what communities are benefiting most from the goods movement jobs.

AQAP Participation Framework ART Update

Input

Recommendations

- Allow comments to be submitted following each ART Meeting.
- ART Members value the ability to discuss ideas with fellow Members; reschedule roundtable discussion on the I-710 HIA to the August 11th ART Meeting.

EC Liaison

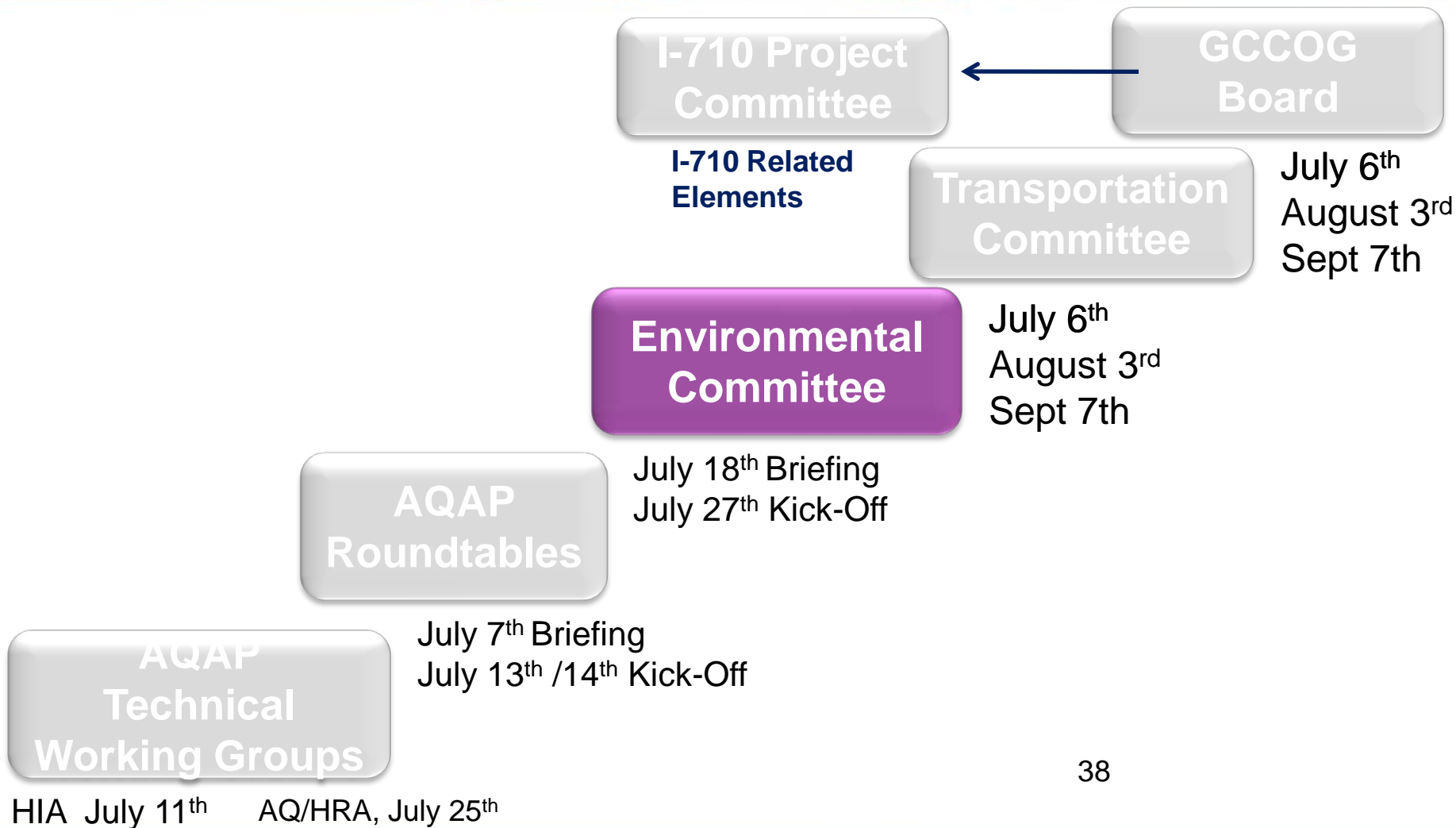
Angelo Logan, East Yard Communities and Luis Cabrales, Coalition for Clean Air, were selected to serve as Advisory Roundtable Liaisons to the Environmental Committee.

AQAP Participation Framework

Gateway Cities Environmental Committee

EC Update

Participation Framework



AQAP Participation Framework Environmental Committee Update

Participants

William Dewitt	Chairman	Vice Mayor, City of South Gate
<i>Committee Member</i>	<i>Representing</i>	
Jorge Rifa	City Managers Supervisor Mark Ridley-Thomas	City Manager, City of Commerce
Karly Katona	LA County Board of Supervisors Supervisor Gloria Molina	Deputy to Second District
Angie Castro	LA County Board of Supervisors	Deputy to First District
Ron Arias	City Health Department	Director, City of Long Beach, Department of Health & Human Services
Steve Forster	Public Works Directors	Public Works Director, City of La Mirada
Steve Lefever	Planning Directors	Community Development Director, City of South Gate
Ruben Arceo	I-5 JPA	Community Development Director, City of La Mirada
Wendell Johnson	I-710, SR 91/605/405 TACs	Public Works Director, City of Compton
Daniel Ojeda	AQAP Technical Roundtable	Public Works Director, City of Lynwood
Angelo Logan	AQAP Advisory Roundtable	East Yard Communities
Luis Cabrales	AQAP Advisory Roundtable	Coalition for Clean Air Board Member, SCAQMD representing Cities of Los Angeles County, Western Region; Council Member, Rolling Hills Estates City Council
Judith Mitchell	SCAQMD	Harbor Commission, Port of Long Beach
Commissioner Mike Walter	Port of Long Beach	
Amanda Eaken		
<i>Adrian Martinez (Alternate)</i>	Environmental Representative	Natural Resources Defense Council
Michele Grubbs	Business Representative	Pacific Merchants Shipping Association
Elizabeth Warren	Business Representative	Future Ports

AQAP Participation Framework Environmental Committee Update

Issues

- Construction Staging and Phasing Concept
 - Use the Construction Staging Concept as a basis for completing a construction traffic emissions analysis. Construction traffic re-routing emissions remains a major concern.
- There could be major differences between what cities recommend for design and what goes on the construction map, specifically at Washington Blvd. interchange area.
- Process - There is no room for Environmental Committee's input; analysis is already too far ahead to incorporate input.

AQAP Participation Framework Environmental Committee Update

Comments Concerns

Comment:

Include education in the Jobs/Economic Development pathway, given its significant role as an indicator of economic development and employment.

Response:

The Jobs/Economic Development pathway will include a discussion on education based on school test scores.

Comment:

Time boundaries need to be expanded to include full construction because of the long time line and its impact on 2 K-12 education cycles.

Response:

Construction Emissions Impacts will be analyzed in other pieces of the AQAP. The construction impacts in I-710 HRA will analyze emissions impacts for the entire project, available in November/December. We can then see what else needs to be done for impact on school children.

AQAP Participation Framework Environmental Committee Update

Comments Concerns

Comment:

Project Team should incorporate CBE/NRDC/EYCEJ comments

Response:

Staff will analyze the comments and bring forward recommendations in August.

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I-710 HIA TWG August 29th

Agenda Overview

- **Wrap-up and Next Steps**

Participation Framework

Committee Update Reports:

- Participants
- Issues
- Comments/Responses
- Input, Opinions, Concerns

**I-710 Project
Committee**

I-710 Related
Elements
Sept 28th

**GCCOG
Board**

**Transportation
Committee**

August 3rd
Sept 7th

**Environmental
Committee**

August 3rd
Sept 7th

**AQAP
Roundtables**

August 24th
Sept 28th

**AQAP
Technical
Working Groups**

August 10th /11th
Sept 14th/15th

I-710 HIA TWG August 29th

Thank you for coming!

- Metro Contacts:
 - Email: gcaqap@metro.net
 - Web Site: metro.net/gcaqap
- Gateway Cities Council of Governments
 - www.gatewaycog.org
- AQAP Roundtable Contacts
 - SDeSantis@ArellanoAssociates.com
 - KTorres@ArellanoAssociates.com