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

• 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

- **AQAP Technical Working Groups**
  - HIA July 11th
  - AQ/HRA, July 25th

- **AQAP Roundtables**
  - July 7th Briefing
  - July 13th /14th Kick-Off

- **I-710 Project Committee**
  - I-710 Related Elements
  - July 18th Briefing
  - July 27th Kick-Off

- **Environmental Committee**
  - July 6th
  - August 3rd

- **Transportation Committee**
  - July 6th
  - August 3rd

- **GCCCOG Board**
  - July 6th
  - August 3rd

**Meeting Details**
- **July 7th Briefing**
- **July 13th /14th Kick-Off**
- **July 18th Briefing**
- **July 27th Kick-Off**
- **HIA July 11th**
- **AQ/HRA, July 25th**
Committee Update Format:
- Participants
- Topics
- Issues
- Comments/Responses

Participation Framework

Available meetings:
- I-710 Project Committee: July 6th, August 3rd, September 7th
- Environmental Committee: July 6th, August 3rd, September 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
- GCCCOG Board: July 6th, August 3rd, September 7th

I-710 HIA TWG August 29th
AQAP Participation Framework

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

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
• 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
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
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
AQ/ HRA TWG Purpose

• Methods used to assess air quality impacts and human health risks differ among the agencies.

• TWG will:
  o Ensure transparency and allow communication on technical issues among various stakeholders; and
  o Facilitate consensus on the technical tools and methodologies to be employed and utilized through this process.
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
• 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
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.
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.
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 Roundtables
  - July 7th Briefing
  - July 13th / 14th Kick-Off
  - AQ/HRA, July 25th

- AQAP Technical Working Groups
  - HIA, July 11th

- Transportation Committee
  - July 6th
  - August 3rd
  - Sept 7th

- Environmental Committee
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- I-710 Project Committee
  - I-710 Related Elements
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  - Sept 7th
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<thead>
<tr>
<th>Category</th>
<th>Participants</th>
</tr>
</thead>
</table>
| 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          | TIX, BNSF Railway                                                           |
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

July 7th Briefing, July 13th Meeting
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.
• 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
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.

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

AQAP Advisory Roundtable (ART)

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
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

July 7th Briefing, July 14th Kick-Off Meeting
AQAP Participation Framework
Advisory Roundtable Update

Formal Comments
Four Letters Received
• Three letters addressed HIA Scope
• One letter addressed Compendium Report.

Informal Comments
• 49 Comments in logged in:
  o 14 Policy Comments
  o 34 Technical Questions
  o 26 HIA Comments
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
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.
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.

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

EC Update
Participation Framework

- AQAP Technical Working Groups
  - HIA July 11th
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I-710 Related Elements

July 7th Briefing
July 13th /14th Kick-Off
## AQAP Participation Framework

### Environmental Committee Update

<table>
<thead>
<tr>
<th>Participant</th>
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<tbody>
<tr>
<td>William Dewitt</td>
<td>Chairman, Vice Mayor, City of South Gate</td>
</tr>
<tr>
<td>Jorge Rifa</td>
<td>Committee Member, City Manager, City of Commerce</td>
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<tr>
<td>Karly Katona</td>
<td>Committee Member, Deputy to Second District</td>
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<tr>
<td>Angie Castro</td>
<td>Committee Member, Deputy to First District</td>
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<tr>
<td>Ron Arias</td>
<td>Committee Member, Director, City of Long Beach, Department of Health &amp; Human Services</td>
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<tr>
<td>Steve Forster</td>
<td>Committee Member, Public Works Director, City of La Mirada</td>
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<td>Steve Lefever</td>
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<td>Ruben Arceo</td>
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<td>Wendell Johnson</td>
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<td>Luis Cabrales</td>
<td>Committee Member, Coalition for Clean Air</td>
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<td>Judith Mitchell</td>
<td>Committee Member, Board Member, SCAQMD representing Cities of Los Angeles County, Western Region; Council Member, Rolling Hills Estates City Council</td>
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<td>Commissioner Mike Walter</td>
<td>Committee Member, Harbor Commission, Port of Long Beach</td>
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<td>Amanda Eaken</td>
<td>Committee Member, Natural Resources Defense Council</td>
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<tr>
<td>Adrian Martinez (Alternate)</td>
<td>Committee Member, Pacific Merchants Shipping Association</td>
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<tr>
<td>Michele Grubbs</td>
<td>Committee Member, Future Ports</td>
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<td>Elizabeth Warren</td>
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### Committee Member Representing

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<td>Jorge Rifa</td>
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<td>LA County Board of Supervisors, Supervisor Gloria Molina</td>
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• 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.
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.*
Comment:
Project Team should incorporate CBE/NRDC/EYCEJ comments

Response:
*Staff will analyze the comments and bring forward recommendations in August.*
Committee Update Format:
- Participants
- Topics
- Issues
- Comments/Responses

I-710 Project Committee
I-710 Related Elements
Transportation Committee
Environmental Committee
GCCCOG Board

Committee Activities:
- AQAP Roundtables
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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
- Sept 28th

Environmental Committee
- Aug 3rd
- Sept 7th

Transportation Committee
- Aug 3rd
- Sept 7th

AQAP Roundtables
- Aug 24th
- Sept 28th

AQAP Technical Working Groups
- Aug 3rd
- Sept 14th/15th

GCCOG Board
- Aug 3rd
- Sept 7th

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