Air Quality Action Plan
I-710 Construction Staging Concept Report

Presented by:
Gateway Cities Council of Governments
May, 2011
I-710 EIR/EIS Corridor Study Area
I-710 Major Corridor Study Design Concept
I-710 Corridor Project has been divided into seven segments

I-710 Corridor Project
Segments Map
Segments 1-3
I-710 Corridor Project has been divided into seven segments

I-710 Corridor Project
Segments Map (continued)
Segments 4-7

Note: This concept and related staging and phasing are based on the current geometric plans shown herein. As these plans change the staging and phasing and some project elements may change.
I-710 Construction Staging Concept:
Construct Freight Corridor First Rationale

- Concept is based on building the I-710 Freight Corridor first – before the General purpose lanes. Why this concept?
  1. Communities want cars and trucks separated.
  2. Freight Corridor constructed first will significantly improve congestion, mobility and safety (reduce accident rates) in the General Purpose Lane. Will then allow rest of I-710 General Purpose Lane improvements to occur over time as funding becomes available.
  3. Freight Corridor is potential P3 project (privately financed – or a portion thereof) – makes it quicker to implement.
  4. May result in faster implementation of zero emission transportation technologies to be used in the freight corridor.
  5. Construction of much of the Freight Corridor is next to existing freeway lanes – minimizing disruption to existing freeway lanes operations during its construction.
  6. Construction of Freight Corridor first will also require some of I-710 General Purpose lanes and some interchange improvements, expediting those improvements.
Freight Corridor & I-710 GP Lanes

I-710 Corridor Segment 1 - Current Geometric Plan and Freight Corridor Projects

Freight Corridor Projects List

- Freight Corridor
- Shoemaker Bridge and East Side Ramps
- Pico Ave. Interchange
- Anaheim St. Interchange
- PCH Interchange
- General Purpose Lanes – Ocean Blvd. to South of Willow St.
Freight Corridor & I-710 GP Lanes

I-710 Corridor Segment 2 – Current Geometric Plan and Freight Corridor Projects

Freight Corridor Projects List

- Freight Corridor
- New I-710 N/B to I-405 N/B & S/B connector ramps
- Blue line & UP Rail Line Track Reconstruction
- Freight Corridor Connector Ramps
- Minor General Purpose Lane Improvements
- SCE Utility Lines Relocations
Freight Corridor & I-710 GP Lanes

I-710 Corridor Segment 3 – Current Geometric Plan

Freight Corridor Projects List

- Freight Corridor
- Freight Corridor/SR-91 Connector Ramps
- SCE Utility Lines Relocations
Freight Corridor & I-710 GP Lanes

I-710 Corridor Segment 4 – Current Geometric Plan and Freight Corridor Projects

Freight Corridor Projects List

- Freight Corridor
- Portion of N/B Rosecrans Blvd. Ramp Relocation
- Reconstruct Rosecrans Blvd. Bridge over I-710
- Freight Corridor Ramps in South Gate (Miller Way or Patata) – plus local street improvements at either location
Freight Corridor & I-710 GP Lanes

I-710 Corridor Segment 5 – Current Geometric Plan and Freight Corridor Projects

Freight Corridor Projects List

- Freight Corridor
- Relocate DWP towers as needed
Freight Corridor & I-710 GP Lanes

I-710 Corridor Segment 6 – Current Geometric Plan and Freight Corridor Projects

Freight Corridor Projects List

- Freight Corridor
- New N/B Bandini Blvd. off-ramp
- Construct N/B Freight Corridor off-ramp to I-710 with new N/B Bandini Blvd. on-ramp
- New N/B Washington Blvd. Interchange off-ramp
- Freight Corridor Ramps to I-710 General Purpose Lanes
- Freight Corridor Ramps to Washington Blvd. Intersection

Note: Don’t rebuild existing S/B Washington Blvd. ramps or N/B on-ramps (with Freight Corridor built first)
Freight Corridor & I-710 GP Lanes

I-710 Corridor Segment 7 – Current Geometric Plan and Freight Corridor Projects

Freight Corridor Projects List

- None
I-710 Freight Corridor Built First

ASSUMPTIONS & SCHEDULE SUMMARY

- Build Entire Freight corridor at same time
- EIR/EIS certified by February, 2013
- Funding will be available to complete all I-710 corridor improvements by 2035
- Financing completed (for freight corridor) – 2013/2014
- PS & E – 2013 – 2016/17
- R/W Acquisition – 2015/16/17
- Utility Relocations – 2016-2018
- Start construction for Freight Corridor – 2018
- End construction for Freight Corridor – start operation -2023/24
## I-710 Corridor Freeway Improvements

### Segments’ Estimated Construction Schedule with Freight Corridor Built First Concept

<table>
<thead>
<tr>
<th>Segment</th>
<th>Stage</th>
<th>Construction Period</th>
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<tbody>
<tr>
<td>1</td>
<td>Freight Corridor</td>
<td>1/19 – 6/22</td>
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<tr>
<td></td>
<td>Shoemaker Bridge &amp; Ramps</td>
<td>1/18 – 6/20</td>
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<tr>
<td></td>
<td>PCH Interchange</td>
<td>1/18 – 6/20</td>
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<td></td>
<td>Anaheim St. Interchange</td>
<td>1/20 – 1/25</td>
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<td>Pico Ave. Interchange</td>
<td>1/24 – 1/25</td>
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<td>Willow St. Interchange</td>
<td>1/30 – 3/33</td>
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<td>2</td>
<td>Freight Corridor</td>
<td>1/19 – 1/21</td>
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<td>Wardlow Bridge Reconstruction</td>
<td>1/18 – 2/19</td>
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<tr>
<td></td>
<td>Blueline &amp; RR Bridge Reconstruction</td>
<td>1/19 – 1/20</td>
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<td>Del Amo Interchange</td>
<td>1/23 – 6/24</td>
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<tr>
<td></td>
<td>New I-710 N/B to I-405 N/B &amp; S/B connector ramps</td>
<td>1/18 – 2/19</td>
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<td>I-405 Interchange – remainder</td>
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<td>Segment</td>
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<td>Long Beach Blvd. Interchange</td>
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<td>SR-91 Interchange</td>
<td>1/28 – 4/34</td>
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<td>Freight Corridor</td>
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<td>Firestone Blvd. Interchange</td>
<td>1/19 – 7/22</td>
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<td></td>
<td>Rosecrans Blvd. Interchange – portion</td>
<td>1/19 – 1/21</td>
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<td>Rosecrans Blvd. Interchange – remainder</td>
<td>1/23 – 8/25</td>
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<td>Imperial Hwy. Interchange</td>
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<td>Florence Ave. Interchange</td>
<td>1/23 – 1/27</td>
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<td>Slauson Ave. Interchange</td>
<td>1/28 – 3/31</td>
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### I-710 Corridor Freeway Improvements

**Segments’ Estimated Construction Schedule with Freight Corridor Built First Concept**

(continued)

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<tr>
<td>6</td>
<td>Atlantic Blvd./Bandini Blvd. – portion of interchange</td>
<td>1/18 – 6/20</td>
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<tr>
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<td>Freight Corridor</td>
<td>1/19 – 6/22</td>
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<td>Washington Blvd. Interchange</td>
<td>1/19 – 9/23</td>
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<td>N/B I-710 to N/B I-5 &amp; S/B I-5 to S/B I-710 connector ramps</td>
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