Air Quality Action Plan
Draft I-710 Corridor Construction Staging - Freight Corridor First Construction
Segment 1

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3.2.11

Segment 1
Shoemaker Bridge and Long Beach Downtown Connections

- Shoemaker Bridge and Shoreline Drive
- Construct Temporary SB Shoemaker connection

Segment 1/Phase 1
Construct Shoemaker Bridge & Shoreline Drive

- Construct Temporary SB Shoemaker connection

Segment 1/Phase 2
Construct Long Beach Downtown Connections
- Construct Temporary NB Shoemaker connection

PCH Interchange

- Construct PCH Overcrossing & Widen PCH Bridge over LA River
- Construct new NB I-710 mainline & NB PCH ramps
- Relocate PCH and Anaheim St Pump Stations

- Construct PCH and SB Ramps
- Anaheim St. Interchange & Pico Ave Interchange

Stage 2/Phase 1
- Widen Anaheim St Bridge over LA River
- Construct new NB I-710 mainline & NB Anaheim St ramps

Stage 2/Phase 2
- Construct Anaheim St Overcrossing and New SB I-710 mainline

Stage 2/Phase 3
- Construct Anaheim St, SB Anaheim St ramps & SB Pico Ave off-ramp
- Construct remaining portion of Shoemaker Bridge

Stage 3/Phase 4
- Construct Pico Ave ramps & I-710 mainline
- Willow St Interchange

Stage 3/Phase 1
- Construct new SB I-710 mainline
- Stage 3/Phase 2
- River

Stage 3/Phase 3
- Construct outside portion on new NB I-710 mainline

Stage 3/Phase 4
- Construct inside portion on new NB I-710 mainline
- Stage 3/Phase 5
- Construct new SB I-710 mainline

Stage 4/Phase 1
- Construct I-710 Freeway Overcrossing from Ocean Blvd to PCH

Stage 4/Phase 2
- Construct inside portion on new NB I-710 mainline

Stage 4/Phase 3
- Construct outside portion on new NB I-710 mainline

Stage 4/Phase 4
- Construct new SB I-710 mainline

Stage 4/Phase 5
- Construct new SB I-710 mainline

Stage 5/Phase 1
- Construct I-710 Freeway Overcrossing from Ocean Blvd to PCH

Stage 5/Phase 2
- Construct I-710 Freeway Overcrossing from Ocean Blvd to PCH

Legend
- Built w/freight corridor
- Not built w/freight corridor

Note:
This figure shows the estimated construction schedule and duration of the different stages and phases of the Freight Corridor being constructed first and the I-710 General Purpose Lanes to be built with the freight corridor and then the construction schedule for the remainder of the I-710 General Purpose Lanes Segments to be built separately.

Construction Duration Legend
- Construction of entire segment phase - early finish
- Construction of entire segment phase - late finish
- Construction of stage/phase only - early finish
- Construction of stage/phase only - late finish

Figure 2-1-A1
Estimated Construction Time and Duration with Freight Corridor Constructed First
Air Quality Action Plan
Draft I-710 Corridor Construction Staging - Freight Corridor First Construction
Segment 1

Segment 1
- Shoemaker Bridge and Long Beach Downtown Connections
  - Stage 1/Phase 1
    - Construct Shoemaker Bridge & Shoreline Drive
    - Construct Temporary SB Shoemaker connection
  - Stage 1/Phase 2
    - Construct Long Beach Downtown Connections
    - Construct Temporary NB Shoemaker connection

PCH Interchange
- Stage 2/Phase 1
  - Construct PCH Overcrossing & Widen PCH Bridge over LA River
  - Construct new NB I-170 mainline & NB PCH ramps
  - Relocate PCH and Anaheim St Pump Stations

- Stage 2/Phase 2
  - Construct PCH and SB Ramps

Anaheim St. Interchange & Pico Ave Interchange
- Stage 3/Phase 1
  - Widen Anaheim St Bridge over LA River
  - Construct new NB I-170 mainline & NB Anaheim St ramps

- Stage 3/Phase 2
  - Construct Anaheim St Overcrossing and New SB I-170 mainline

- Stage 3/Phase 3
  - Construct Anaheim St, SB Anaheim St ramps & SB Pico Ave off-ramp

- Stage 3/Phase 4
  - Construct remaining portion of Shoemaker Bridge

Willow St Interchange
- Stage 4/Phase 1
  - Construct new SB I-170 mainline & River

- Stage 4/Phase 2
  - Construct outside portion on new NB I-170 mainline

- Stage 4/Phase 3
  - Construct inside portion on new NB I-170 mainline

- Stage 4/Phase 4
  - Construct new SB I-170 mainline

Freight Corridor
- Stage 5/Phase 1
  - Construct Freight Corridor from Ocean Blvd to PCH

- Stage 5/Phase 2
  - Construct Freight Corridor from PCH to Willow St

Legend
- Built w/freight corridor
- Not built w/freight corridor

Note:
This figure shows the estimated construction schedule and duration of the different stages and phases of the Freight Corridor being constructed first and the I-710 General Purpose Lanes to be built with the freight corridor and then the construction schedule for the remainder of the I-710 General Purpose Lanes Segments to be built separately.

Construction Duration Legend
- Construction of entire segment phase - early finish
- Construction of entire segment phase - late finish
- Construction of stage/phase only - early finish
- Construction of stage/phase only - late finish

Figure 2-1-A2 for continuation

See Figure 2-1-A2 for continuation

Segment 1
Estimated Construction Time and Duration with Freight Corridor Constructed First
### Segment 1

#### Shoemaker Bridge and Long Beach Downtown Connections

<table>
<thead>
<tr>
<th>Stage 1/Phase</th>
<th>Duration (1/1/2026 - 1/1/2027)</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Shoemaker Bridge &amp; Shoreline Drive</td>
<td>18/21</td>
<td>Construct Shoemaker Bridge &amp; Shoreline Drive</td>
</tr>
<tr>
<td>Construct Temporary SB Shoemaker connection</td>
<td>6/9</td>
<td></td>
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<tr>
<td>Long Beach Downtown Connections</td>
<td>21/30</td>
<td>Construct Temporary NB Shoemaker connection</td>
</tr>
<tr>
<td>PCH Interchange</td>
<td>18/24</td>
<td>Construct PCH Overcrossing &amp; Widen PCH Bridge over LA River</td>
</tr>
<tr>
<td>Relocate PCH and Anaheim St Pump Stations</td>
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#### Stage 3/Phase 1

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<tbody>
<tr>
<td>Construct PCH and SB Ramps</td>
<td>28/39</td>
<td>Construct PCH and SB Ramps</td>
</tr>
<tr>
<td>Anaheim St. Interchange &amp; Pico Ave Interchange</td>
<td>26/36</td>
<td>Construct PCH and SB Ramps</td>
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#### Stage 4/Phase 1

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<th>Duration (1/1/2026 - 1/1/2027)</th>
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<tr>
<td>Willow St Interchange</td>
<td>24/26</td>
<td>Construct PCH and SB Ramps</td>
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#### Stage 5/Phase 1

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<th>Construction</th>
<th>Duration (1/1/2026 - 1/1/2027)</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Construct PCH and SB Ramps</td>
<td>12/18</td>
<td>Construct PCH and SB Ramps</td>
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</tbody>
</table>

## Construction Duration Legend

- **Green**: Construction of entire segment phase - early finish
- **Yellow**: Construction of entire segment phase - late finish
- **Red**: Construction of stage/phase only - early finish
- **Blue**: Construction of stage/phase only - late finish

**Note:**
This figure shows the estimated construction schedule and duration of the different stages and phases of the Freight Corridor being constructed first and the I-710 General Purpose Lanes to be built with the freight corridor and then the construction schedule for the remainder of the I-710 General Purpose Lanes Segments to be built separately.
Air Quality Action Plan
Draft I-710 Corridor Construction Staging - Freight Corridor First Construction
Segment 1

Segment 1

- Shoemaker Bridge and Long Beach Downtown Connections

Stage 1/Phase 1

- Construct Shoemaker Bridge & Shoreline Drive
- Construct Temporary SB Shoemaker connection

Stage 1/Phase 2

- Construct Long Beach Downtown Connections
- Construct Temporary NB Shoemaker connection

PCH Interchange

Stage 2/Phase 1

- Construct PCH Overcrossing & Widen PCH Bridge over LA River
- Construct new NB I-710 mainline & NB PCH ramps
- Relocate PCH and Anaheim St Pump Stations

Stage 2/Phase 2

- Construct PCH and SB Ramps
- Anaheim St, Interchange & Pico Ave Interchange

Stage 3/Phase 1

- Widen Anaheim St Bridge over LA River
- Construct new NB I-710 mainline & NB Anaheim St ramps

Stage 3/Phase 2

- Construct Anaheim St Overcrossing and New SB I-710 mainline

Stage 3/Phase 3

- Construct Anaheim St, SB Anaheim St ramps & SB Pico Ave off-ramp
- Construct remaining portion of Shoemaker Bridge

Stage 3/Phase 4

- Construct Pico Ave ramps & I-710 mainline
- Willow St Interchange

Stage 4/Phase 1

- Construct new SB I-710 mainline
- Stage 4/Phase 2
- River
- Stage 4/Phase 3
- Construct outside portion on new NB I-710 mainline
- Stage 4/Phase 4
- Construct inside portion on new NB I-710 mainline
- Stage 4/Phase 5
- Construct new SB I-710 mainline

Freight Corridor

Stage 5/Phase 1

- Construct Freight Corridor from Ocean Blvd to PCH

Stage 5/Phase 2

- Construct Freight Corridor from PCH to Willow St

Legend

- Built w/freight corridor
- Not built w/freight corridor

Note:

This figure shows the estimated construction schedule and duration of the different stages and phases of the Freight Corridor being constructed first and the I-710 General Purpose Lanes to be built with the freight corridor and then the construction schedule for the remainder of the I-710 General Purpose Lanes Segments to be built separately.

Construction Duration Legend

- Construction of entire segment phase - early finish
- Construction of entire segment phase - late finish
- Construction of stage/phase only - early finish
- Construction of stage/phase only - late finish

Figure 2-1-A4
Estimated Construction Time and Duration with Freight Corridor Constructed First
### Segment 1

- **Shoemaker Bridge and Long Beach Downtown Connections**
  - **Stage 1:**
    - Segment 1 Phase 1: Construct Shoemaker Bridge & Shoreline Drive
    - Segment 1 Phase 2: Construct Long Beach Downtown Connections
  - **Stage 2:**
    - Segment 2 Phase 1: Construct PCH Overcrossing & Widen PCH Bridge over LA River
    - Segment 2 Phase 2: Construct Long Beach Downtown Connections
  - **Stage 3:**
    - Segment 3 Phase 1: Construct PCH Overcrossing & Widen PCH Bridge over LA River
    - Segment 3 Phase 2: Construct PCH and SB Rohingya
    - Segment 3 Phase 3: ConstructAnaheim St Interchange & Pico Ave Interchange
    - Segment 3 Phase 4: Construct Anaheim St Overcrossing and New SB I-710 mainline
    - Segment 3 Phase 5: Construct Pico Ave ramps & SB Pico Ave off-ramp
  - **Stage 4:**
    - Segment 4 Phase 1: Construct new SB I-710 mainline
    - Segment 4 Phase 2: Construct new SB I-710 mainline
    - Segment 4 Phase 3: Construct new SB I-710 mainline
    - Segment 4 Phase 4: Construct new SB I-710 mainline
    - Segment 4 Phase 5: Construct new SB I-710 mainline
  - **Stage 5:**
    - Segment 5 Phase 1: Construct Freight Corridor from Ocean Blvd to PCH
    - Segment 5 Phase 2: Construct Freight Corridor from PCH to Willow St

**Legend**
- **- Built w/freight corridor**
- **- Not built w/freight corridor**

**Construction Duration Legend**
- Construction of entire segment phase - early finish
- Construction of entire segment phase - late finish
- Construction of stage/phase only - early finish
- Construction of stage/phase only - late finish

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Note: This figure shows the estimated construction schedule and duration of the different stages and phases of the Freight Corridor being constructed first and the I-710 General Purpose Lanes to be built with the freight corridor and the construction schedule for the remainder of the I-710 General Purpose Lanes Segments to be built separately.