

Mobility. Environment. Community. Economy. Technology



I-710 Corridor Project EIR/EIS

metro.net

Construction Staging Overview

presented to the

Project Committee

January 28, 2010



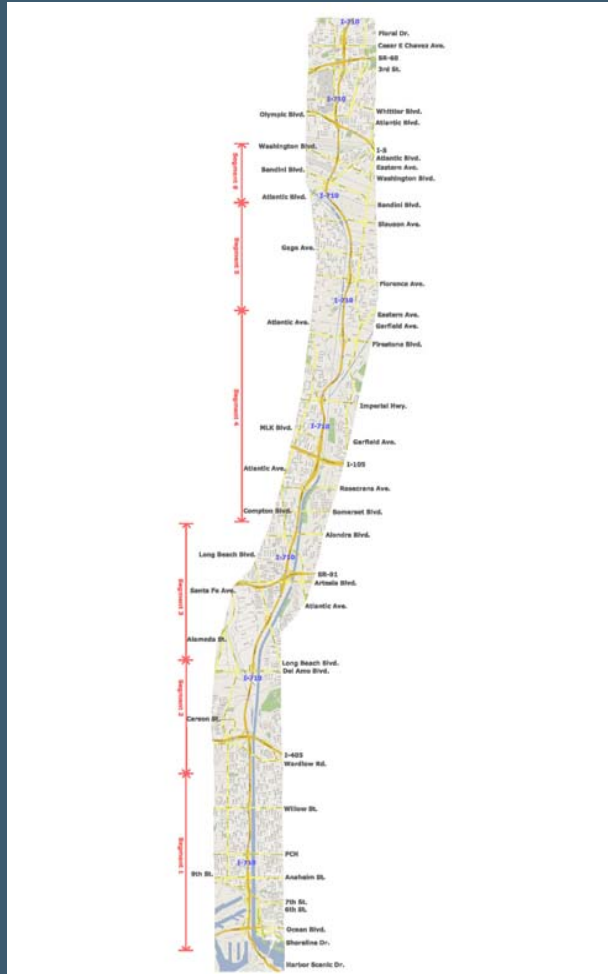
Staging vs Phasing

- Staging
 - How to build
 - Steps and sequence required
 - Maintenance of traffic
- Phasing
 - When to build
 - What to build
 - Function of funding

Staging Approach

- Project divided into segments
- Segments divided into major components
 - Interchanges: new ramps and crossing arterials
 - Freeway: mainline widening
 - Freight Corridor: new lanes

Segments



- 1 Ocean to Willow
- 2 Wardlow to Del Amo
- 3 Long Beach to Alondra
- 4 Rosecrans to Firestone
- 5 Florence to Slauson
- 6 Atlantic to Washington
- 7 I-5 to SR60 (Caltrans)

Approach Assumptions

- Utilities relocated in advance
- Periodic ramp and arterial closures
- Periodic freeway lane reductions
- Necessary freight corridor elements (foundations) built early
- No adjacent interchanges built simultaneously

Staging Concepts

- Completed DRAFT Staging Concepts in December 2009
- Agency Comments provided in January 2010
- Conclusions:
 - Viable sequencing
 - Reasonable durations

Findings

- Independent Utility
 - Segments and many components (interchanges and freight corridor) can be built independently
 - Ocean Blvd. to SR-91 are the minimum operating limits (3 segments) for the freight corridor
- Construction duration for each segment is 5 to 8 years

Construction Duration

<u>Segment No</u>	<u>Description</u>	<u>Estimated Construction Duration Time</u>
1	Ocean Blvd to Willow St.	7 years
2	Wardlow to Del Amo (w/I-405 Interchange)	6 years
3	Long Beach to Alondra (w/SR-91 Interchange)	7 years
4	Rosecrans to Firestone	5 years
5	Florence to Slauson	7 years
6	Atlantic – Bandini to Washington	8 years

Analysis Approach

- Funding will determine when each segment is actually built
- Air Quality Assessment
 - Greatest impact occurs if all segments are under construction simultaneously
 - Peak construction emissions occur over a 3 to 4 year period

Alternative 6 Project Schedule

<u>Year</u>	<u>Project Element</u>
2011	Certified EIR/EIS completed
2015/2016	Complete Design
2016/2019	Property acquisition/utility relocation/right-of-way certification completed
2020/2029	Construction