

Mobility. Environment. Community. Economy. Technology

I-710 Corridor Project EIR/EIS

metro.net

I-710 Traffic Forecasting Update

presented to the

Technical Advisory Committee

February 19, 2014

Preliminary Traffic Results 2

- Present Initial Traffic Findings on Preliminary Alternatives:
 - Alternative 5C
 - Freeway Modernization Design Features
 - Added General Purpose Lanes in Selected Locations
 - “Active” Transportation, Zero/Near Zero (ZE/NZE) Emissions Strategies, ITS, Transit, TDM
 - Alternative 7
 - ZE/NZE Freight Corridor
 - Freeway Modernization Design Features
 - “Active” Transportation, ZE/NZE Emissions Strategies, ITS, Transit, TDM

Preliminary Traffic Results

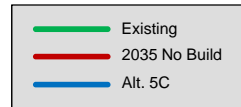
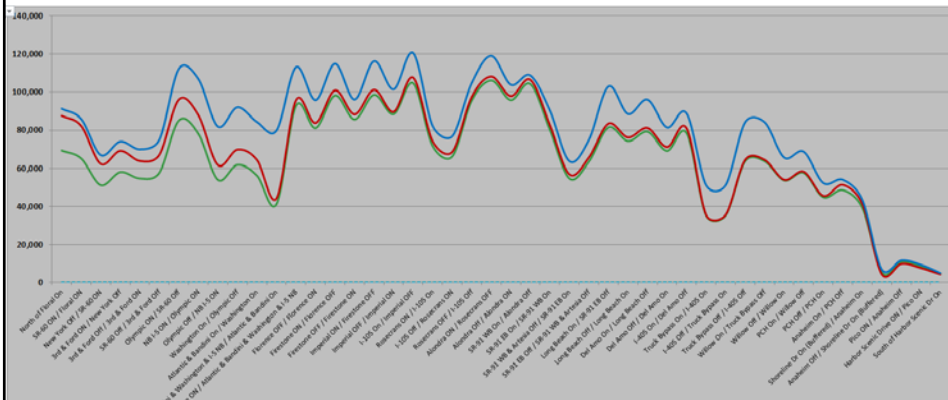
Alternative 5C Year 2035 Forecasts



Autos – Daily

Preliminary Working Draft. Subject to Change.

I-710 (Northbound Direction)

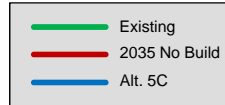
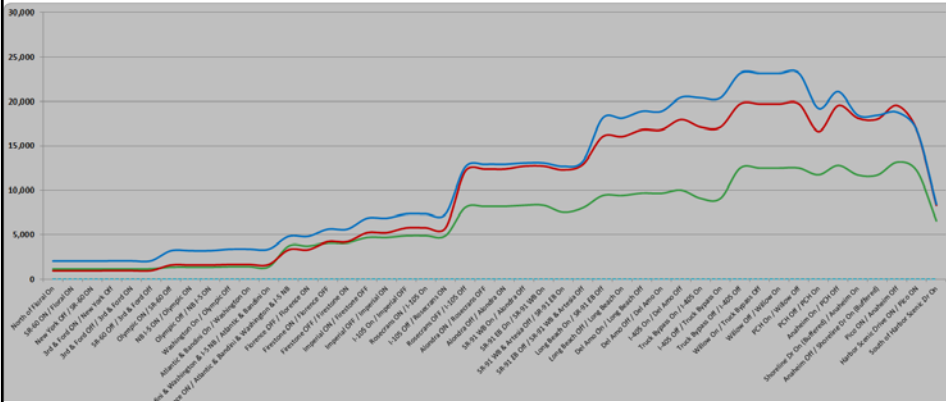


Port Trucks – Daily

5

Preliminary Working Draft. Subject to Change.

I-710 (Northbound Direction)

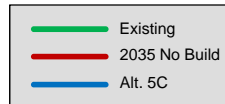
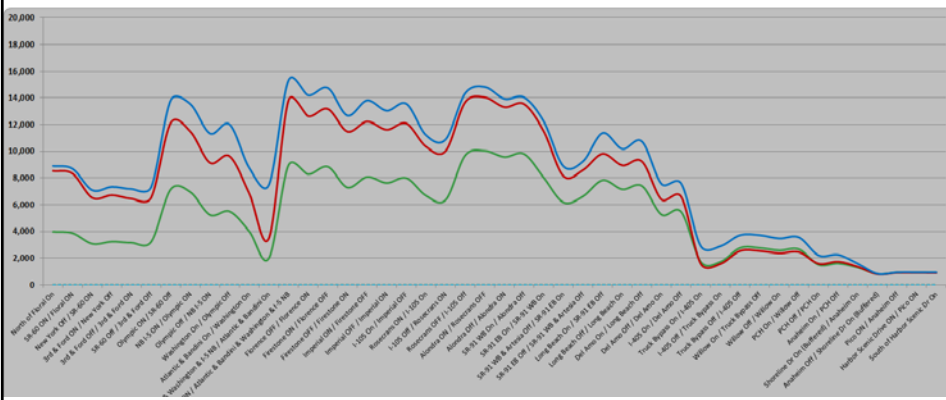


Non-Port Trucks – Daily

6

Preliminary Working Draft. Subject to Change.

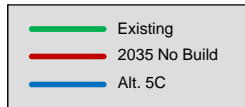
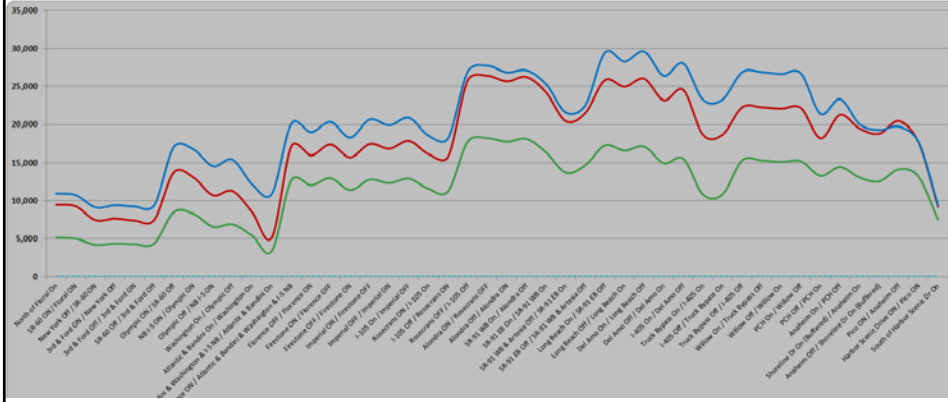
I-710 (Northbound Direction)



Total Trucks – Daily

Preliminary Working Draft. Subject to Change.

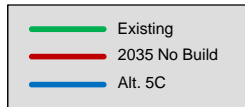
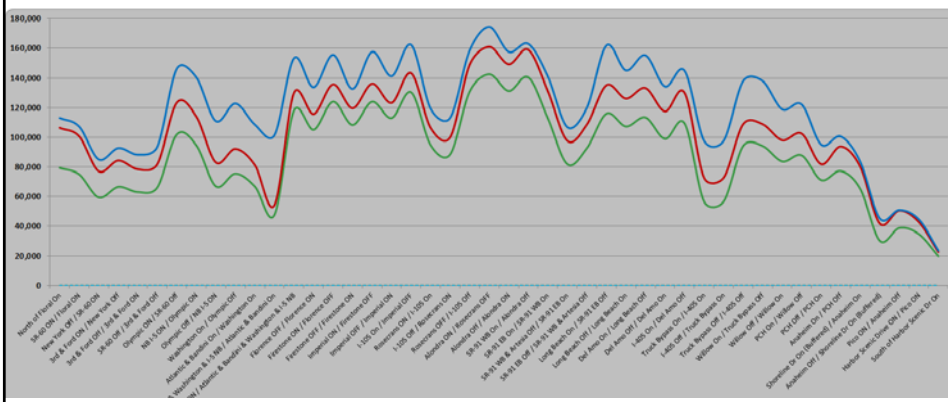
I-710 (Northbound Direction)



Total PCEs – Daily

Preliminary Working Draft. Subject to Change.

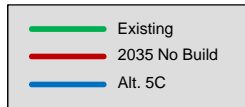
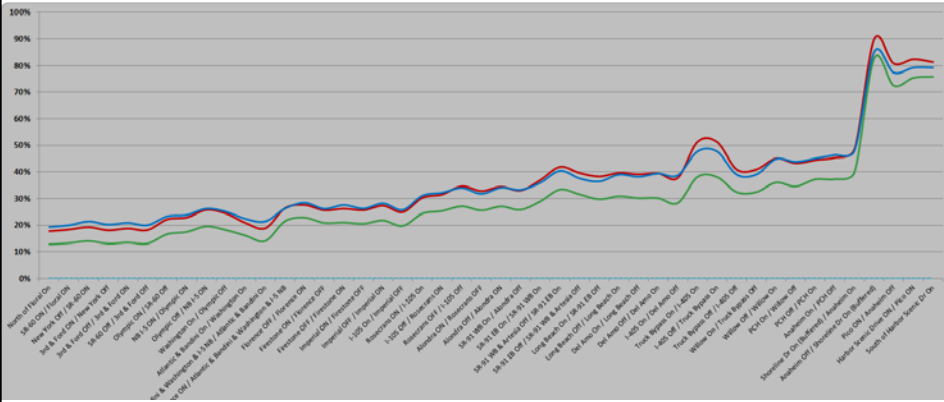
I-710 (Northbound Direction)



Percent Trucks in PCEs – Daily

Preliminary Working Draft. Subject to Change.

I-710 (Northbound Direction)

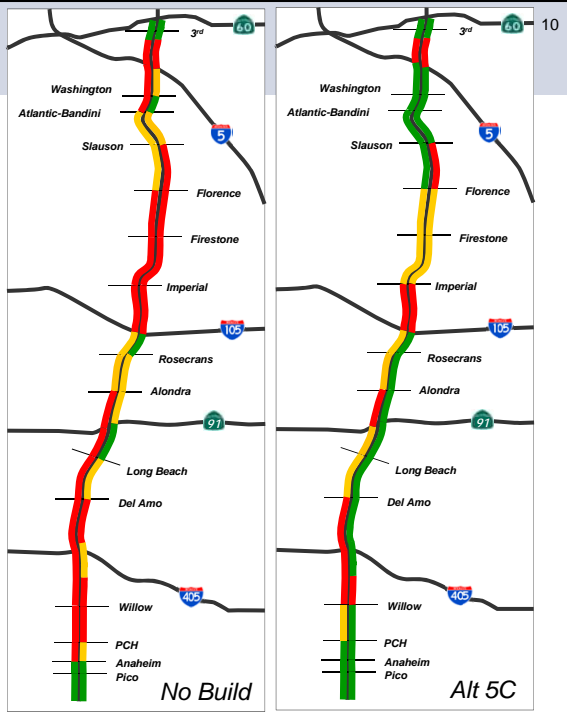


AM Peak Hour

Preliminary Working Draft. Subject to Change.

I-710
General Purpose Lanes

Level of Service (LOS) Analysis

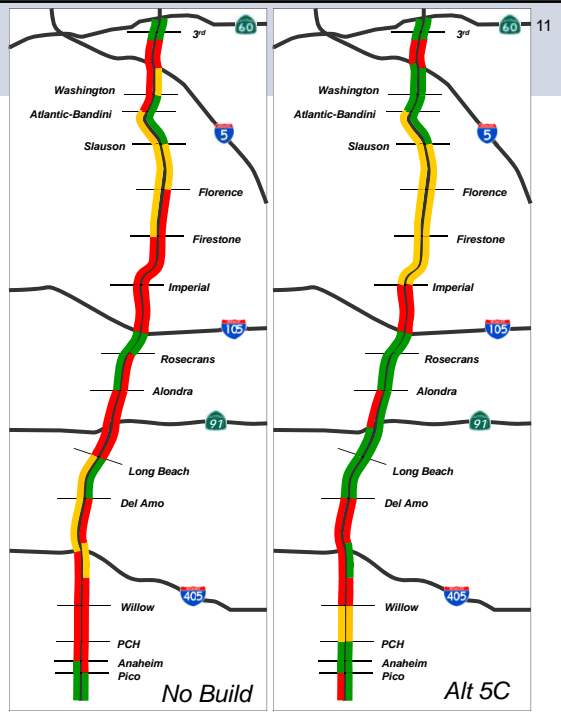


MD Peak Hour

Preliminary Working Draft. Subject to Change.

I-710
General
Purpose
Lanes

Level of
Service
(LOS)
Analysis



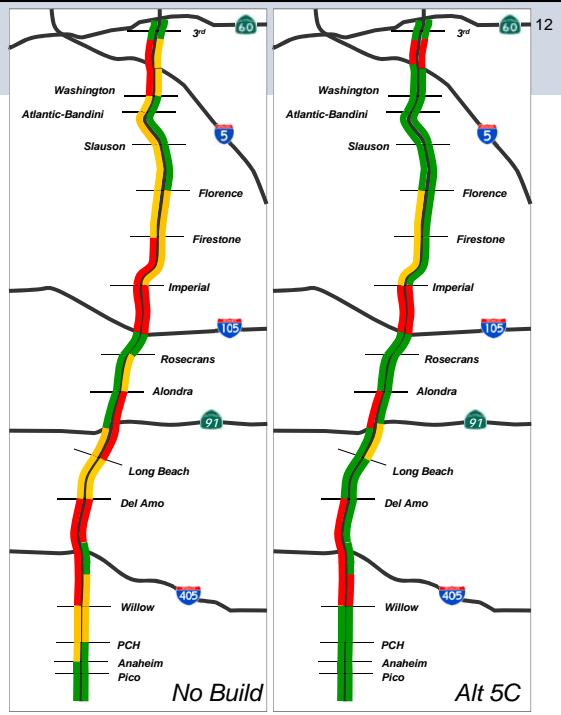
11

PM Peak Hour

Preliminary Working Draft. Subject to Change.

I-710
General
Purpose
Lanes

Level of
Service
(LOS)
Analysis



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**Alternative 7
Year 2035 Forecasts**



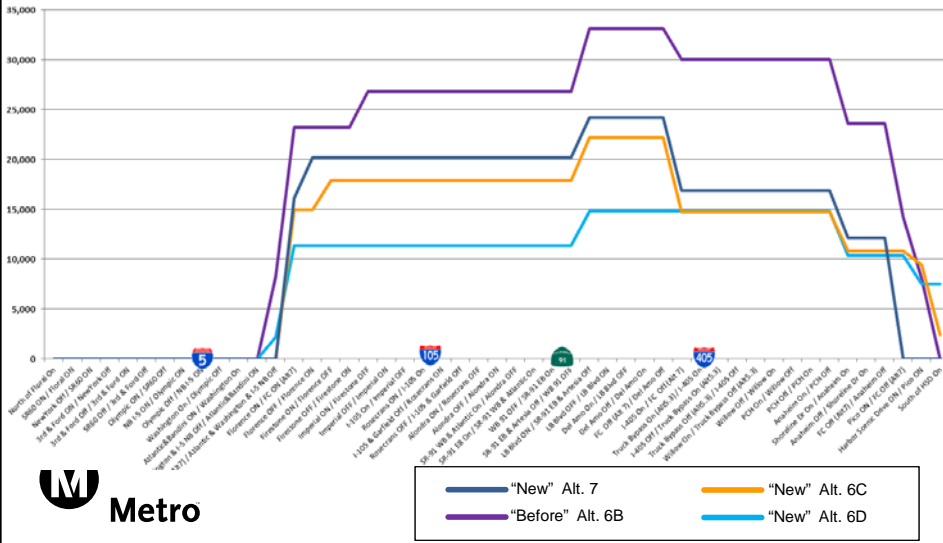
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Truck Volumes (Daily) – FC Only

Preliminary Working Draft. Subject to Change.

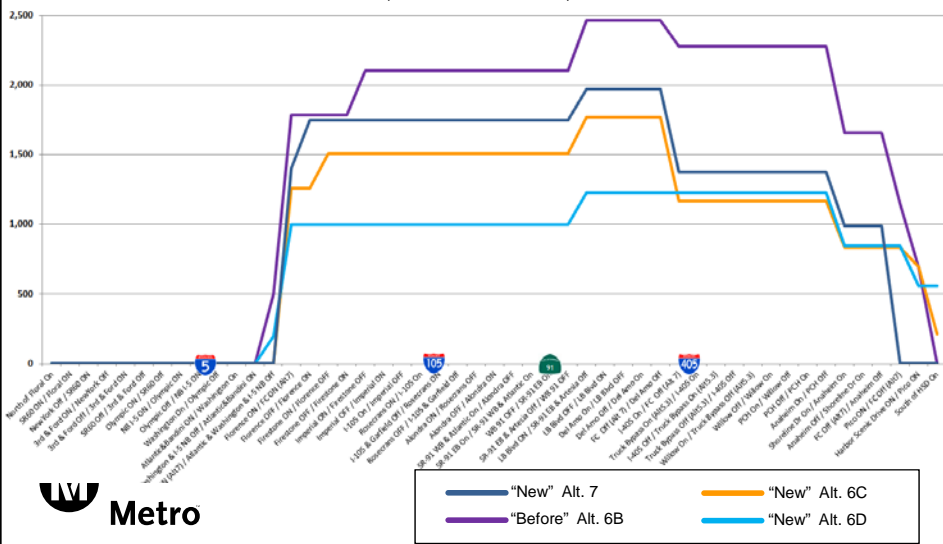
Comparison of Freight Corridor Volumes (Northbound Direction)



Truck Volumes (MD Peak Hr.) – FC Only

Preliminary Working Draft. Subject to Change.

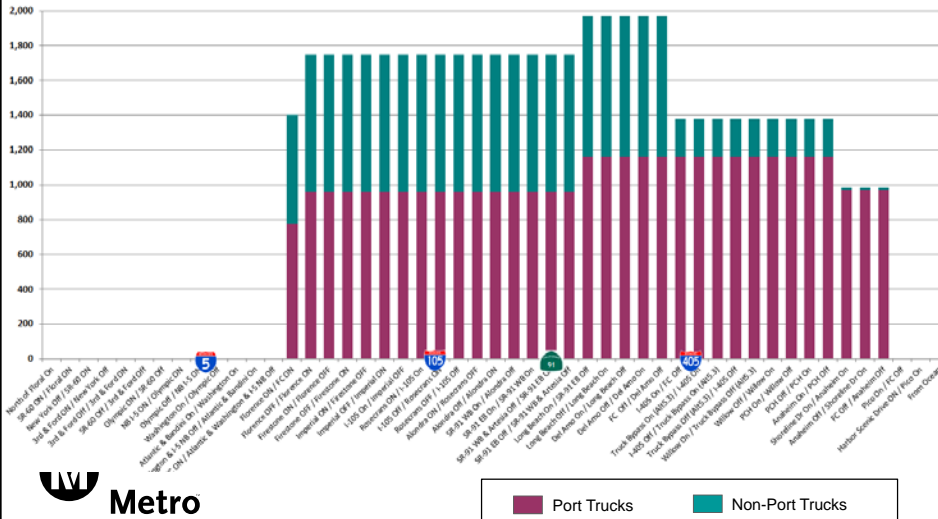
Comparison of Freight Corridor Volumes (Northbound Direction)



Alt. 7 Trucks (MD Peak Hr.) – FC Only

Preliminary Working Draft. Subject to Change.

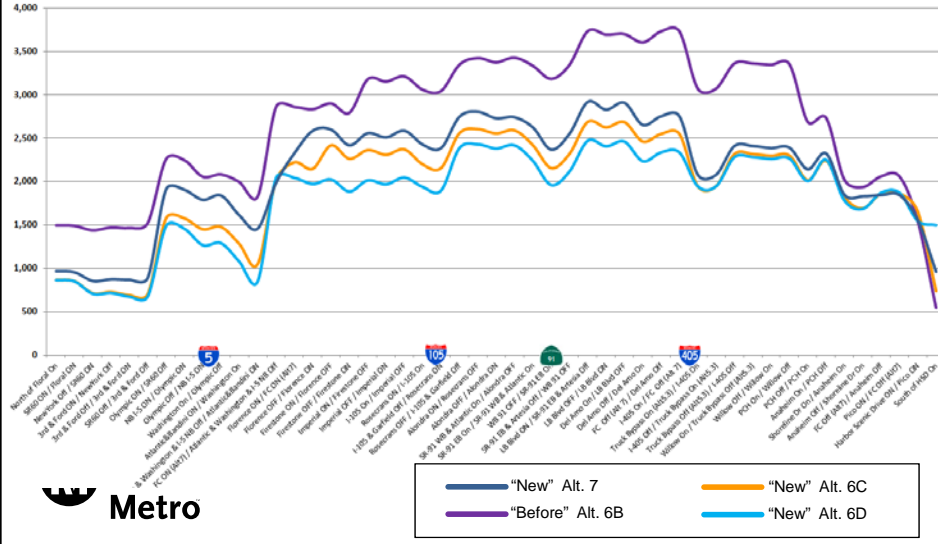
Freight Corridor Volumes by Truck Type
(Northbound Direction)



Total Trucks (MD Peak Hr.) – GP and FC

Preliminary Working Draft. Subject to Change.

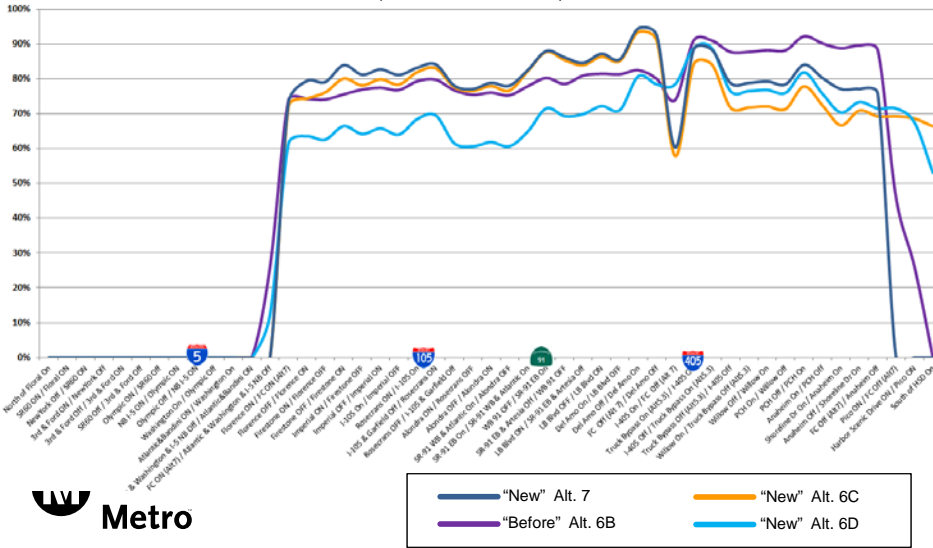
Comparison of Total Corridor Truck Volumes
(Northbound Direction)



Percent I-710 Trucks in FC (PM Peak Hr.)

Preliminary Working Draft. Subject to Change.

Comparison of Freight Corridor Percentages (Northbound Direction)

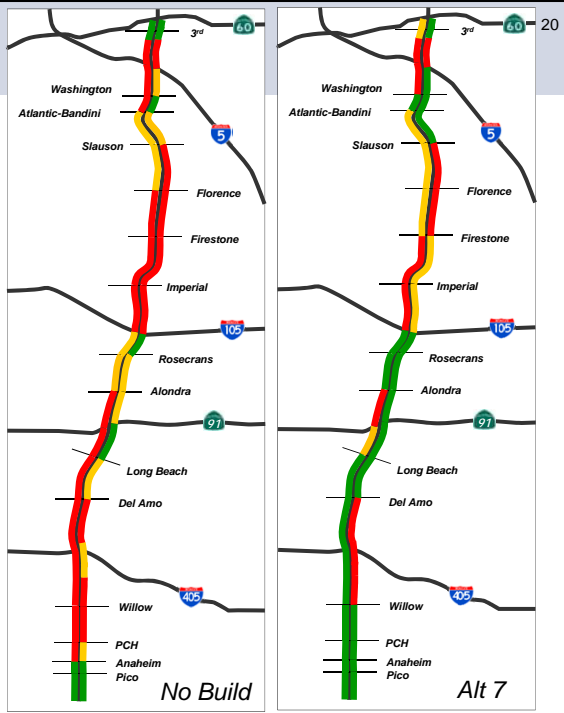


AM Peak Hour

Preliminary Working Draft. Subject to Change.

I-710
General Purpose Lanes

Level of Service (LOS) Analysis

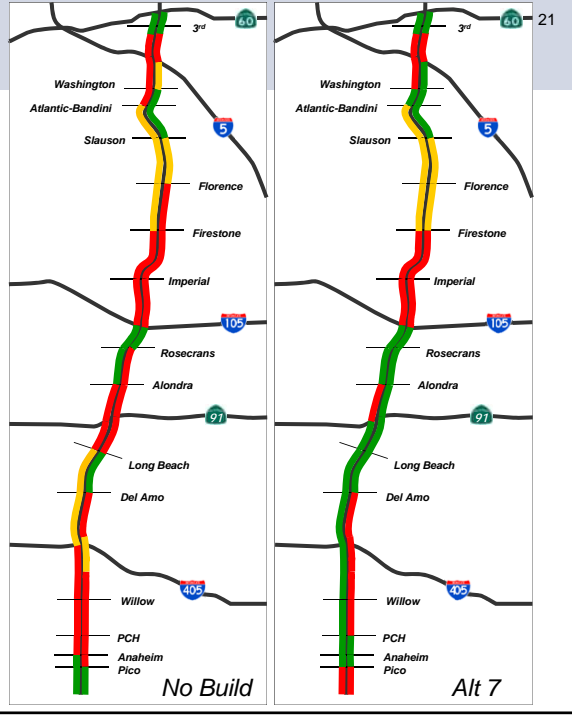


MD Peak Hour

Preliminary Working Draft. Subject to Change.

I-710
General Purpose
Lanes

Level of
Service
(LOS)
Analysis



PM Peak Hour

Preliminary Working Draft. Subject to Change.

I-710
General Purpose
Lanes

Level of
Service
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