



Truck Routes – Technical Analysis Update

Public Works Department

**Transportation Committee Meeting
August 11, 2016**

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BACKGROUND

- On 12/10/15, this Committee reviewed a preliminary analysis on establishment of truck routes in the City
- The Committee requested classification count studies and an update regarding the adoption of truck routes



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STUDY DATA

- Public Works conducted classification counts on select arterial roadways within the City and County of Riverside
- Data shows that current truck traffic volumes are within acceptable levels and lower than the standard 3% on key arterials in non-industrial areas
- Truck traffic volumes exceed 3% within industrial areas



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VEHICLE CLASSIFICATIONS

FHWA Vehicle Classifications				☐ Passenger Vehicles	☐ Trucks / Heavy Vehicles
1. Motorcycles 2 axles, 2 or 3 tires 	2. Passenger Cars 2 axles, can have 1 or 2 axle trailers 	3. Pickups, Panels, Vans 2 axles, 4 tire single units Can have 1 or 2 axle trailers 	4. Buses 2 or 3 axles, full length 		
5. Single Unit 2-Axle Trucks 2 axles, 4 tires (flat deck, low) or gooseneck 	6. Single Unit 3-Axle Trucks 3 axles, single unit 	7. Single Unit 4 or More-Axle Trucks 4 or more axles, single unit 	8. Single Trailer 3- or 4-Axle Trucks 3 or 4 axles, single trailer 		
9. Single Trailer 5-Axle Trucks 5 axles, single trailer 	10. Single Trailer 6 or More-Axle Trucks 6 or more axles, single trailer 				
11. Multi-Trailer 5 or Less-Axle Trucks 5 or less axles, multiple trailers 	12. Multi-Trailer 6-Axle Trucks 6 axles, multiple trailers 				
13. Multi-Trailer 7 or More-Axle Trucks 7 or more axles, multiple trailers 					

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TRUCK VOLUME DATA

Street	Segment	Total Vehicles	Number of Trucks	% Trucks**
Van Buren Blvd*	Jurupa Ave – Meridian Pkwy	40,111	707	1.8%
Alessandro Blvd*	Chicago Ave – I-215 Fwy	46,574	477	1.0%
Trautwein Rd*	Alessandro Bl – Van Buren Bl	28,575	254	0.9%
Iowa Ave	South of Columbia Ave	21,727	717	3.3%
Columbia Ave	East of Iowa Ave	9380	1210	12.9%
Eastridge Ave	East of Sycamore Cyn Bl	13,623	1771	13%
Main St	North of Columbia Ave	24,206	2106	8.7%
Meridian Pkwy	South of Cactus Ave	9421	716	7.6%
Cactus Ave	East of Meridian Pkwy	10,762	861	8%

*Several samples taken along major arterials, numbers shown are a weighted average

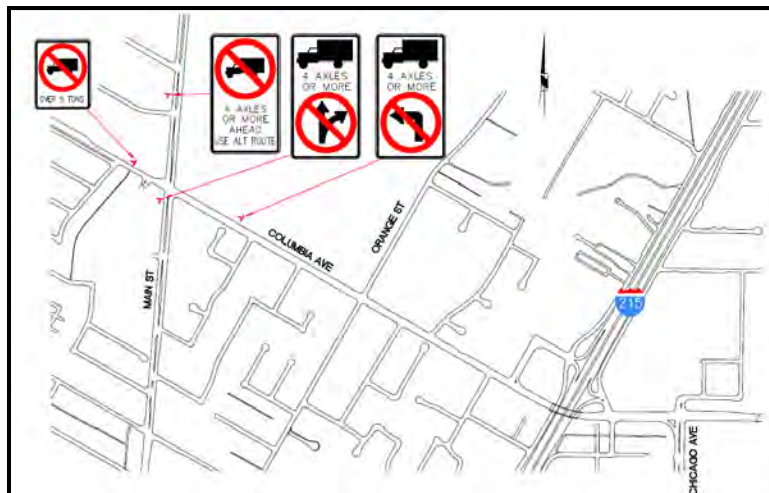
**Rows shown in RED exceed the Highway Capacity Manual average of 3%



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EXISTING TRUCK RESTRICTIONS



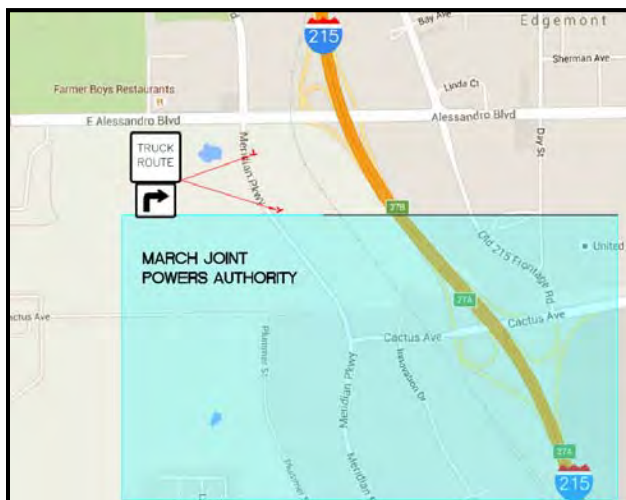
Main Street Area Map

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EXISTING TRUCK RESTRICTIONS

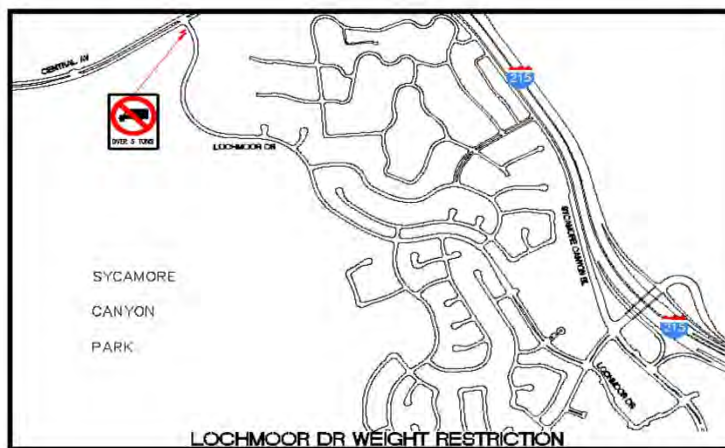


Meridian Pkwy and Cactus Ave Area Map (March JPA)

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EXISTING TRUCK RESTRICTIONS



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EXISTING TRUCK RESTRICTIONS



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DISADVANTAGES

- Publication of route information on Caltrans website / GPS navigation would promote use of City streets by truckers
- The City's geographical position promotes use of City streets to bypass freeway congestion
- Anticipated increased truck use of City streets with establishment of truck routes would :
 - Negatively impact health and quality of life
 - Result in adverse economic impacts
 - Slow emergency response times
 - Increase traffic delays and congestion



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RECOMMENDATION

- That the Committee:
 1. Receive and file the updated data on truck routes; and
 2. Support continued enforcement, special raised median configurations, and expansion of weight limit restrictions on select streets to better restrict truck traffic



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