



ESTABLISHMENT OF AXLE RESTRICTION – SEGMENT OF PLACENTIA LANE

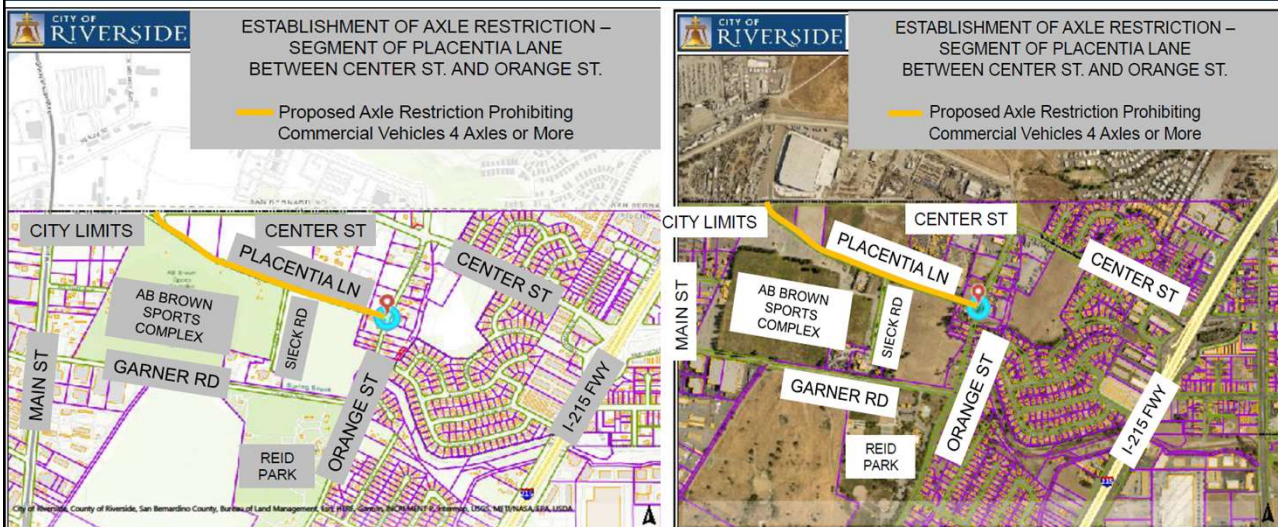
Public Works Department

Mobility and Infrastructure Committee Meeting
May 8, 2025

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1

SITE MAP / AERIAL MAP



2

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2

BACKGROUND

- Residents have reported large commercial truck traffic on Placentia Lane from Center Street to Orange Street potentially cutting through between the City of Colton and the I-215 freeway.
- The Public Works Department may establish axle restrictions to prohibit use of select arterial roadways by larger commercial vehicles.
- Proposed axle restrictions assist in preserving the pavement and may improve safety and reduce noise.



3

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3

STREET VIEW PHOTO



4

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4

TRANSPORTATION BOARD RECOMMENDATION

- On October 2, 2024, the Transportation Board reviewed the proposal and voted unanimously to establish the proposed axle restriction on Placentia Lane between Center Street and Orange Street.



5

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5

DISCUSSION

- Public Works is proposing establishment of an axle restriction prohibiting use by trucks in excess of 3 axles on the segment of Placentia Lane from Center Street to Orange Street.
- Based on a March 2024 traffic data count, a combined 15.8% of trucks were present which exceeds the FHWA 3% standard threshold.
- The restriction will not impact local-serving trips with destinations on Placentia Lane.



6

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6

INTENT OF PROPOSED AXLE RESTRICTION

1. To restrict cut-through commercial truck traffic use;
2. Improve safety and operations;
3. Preserve the condition of the pavement;
4. Reduce resulting noise along the street segment; and
5. Augment the existing nearby restriction on Orange Street.



7

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7

VEHICLE CLASSIFICATIONS

FHWA Vehicle Classifications				<input type="checkbox"/> Passenger Vehicles	<input type="checkbox"/> Trucks / Heavy Vehicles
1. Motorcycles 2 axes, 2 or 3 tires 	2. Passenger Cars 2 axes, can have 1- or 2-axle trailers 	3. Pickups, Panels, Vans 2 axes, 4-tire single units Can have 1 or 2 axle trailers 	4. Buses 2 or 3 axes, full length 		
5. Single Unit 2-Axle Trucks 2 axes, 6 tires (dual rear tires), single-unit 	6. Single Unit 3-Axle Trucks 3 axes, single unit 	7. Single Unit 4 or More-Axle Trucks 4 or more axes, single unit 	8. Single Trailer 3- or 4-Axle Trucks 3 or 4 axes, single trailer 		
9. Single Trailer 5-Axle Trucks 5 axes, single trailer 	10. Single Trailer 6 or More-Axle Trucks 6 or more axes, single trailer 				



8

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8

VEHICLE CLASSIFICATION DATA

EB Placentia between Center & Orange

Percentage of vehicle type													Total	Total % Non-Trucks	Total % Trucks
Bikes	Cars & Trlrs	2 Axle Long	Buses	2 Axl 6 Tires	3 Axl Single	4 Axl Single	<5 Axl Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi			
0.5	52.6	24.2	1.5	10.1	3	0	2.5	5.6	0	0	0	0	100	87.4	12.6

WB Placentia between Center & Orange

Percentage of vehicle type													Total	Total % Non-Trucks	Total % Trucks
Bikes	Cars & Trlrs	2 Axle Long	Buses	2 Axl 6 Tires	3 Axl Single	4 Axl Single	<5 Axl Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi			
1	38.5	22.2	7.3	21.2	4.2	0.6	1.2	2.4	0.6	0	0	0.8	100	82.9	17.1

EB & WB Placentia between Center & Orange

Percentage of vehicle type													Total	Total % Non-Trucks	Total % Trucks
Bikes	Cars & Trlrs	2 Axle Long	Buses	2 Axl 6 Tires	3 Axl Single	4 Axl Single	<5 Axl Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi			
0.9	42.4	22.8	5.6	18	3.9	0.4	1.6	3.3	0.4	0	0	0.6	99.9	84.1	15.8



9

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9

SIGN SAMPLES



10

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10

NEW LAW: ASSEMBLY BILL 98

1. Requires local agencies to adopt changes to their circulation elements to create designated truck routes by January 2026;
2. Riverside opposed the bill text in its adopted form, but developing plans to comply;
3. Staff do not believe this specific restriction would need to be removed as a result of AB 98, which encourages avoiding 'residential areas and sensitive receptors'; and
4. Staff will keep the Committee apprised of plans to comply with AB 98



11

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11

STRATEGIC PLAN ALIGNMENT



Community Well-Being

Ensure safe and inclusive neighborhoods where everyone can thrive.

2.4. Support programs and innovations that enhance community safety, encourage neighborhood engagement, and build public trust.

6.2. Maintain, protect and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.



Infrastructure, Mobility & Connectivity

Ensure safe, reliable infrastructure that benefits the community and facilitates connection between people, place and information.

Cross-Cutting Threads

This item aligns with each thread.



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



12

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RECOMMENDATION

- That the Mobility and Infrastructure Committee review and recommend that City Council approve establishment of the proposed axle restriction prohibiting use by commercial vehicles exceeding 3 axles on the segment of Placentia Lane from Center Street to Orange Street.



13

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13

NEXT STEP

- The axle restriction proposal would be presented to the City Council for final consideration at a future subsequent meeting.



14

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14