

ESTABLISHMENT OF AXLE RESTRICTION ON A SEGMENT OF PLACENTIA LANE – ORDINANCE INTRODUCTION

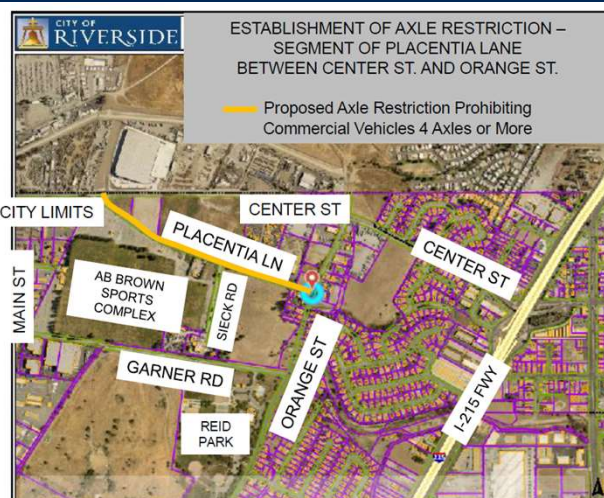
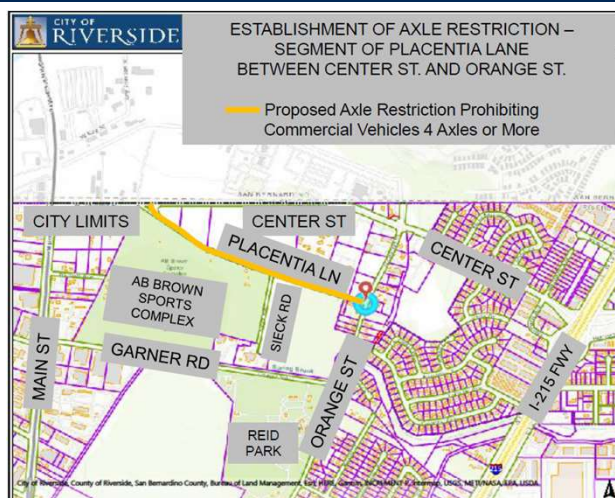
Public Works Department

City Council Meeting
October 28, 2025

RiversideCA.gov

1

SITE MAP / AERIAL MAP



2

RiversideCA.gov

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

RiversideCA.gov

3

STREET VIEW PHOTO



4

RiversideCA.gov

4

BOARD & COMMITTEE RECOMMENDATIONS

- On 10/2/24, the Transportation Board unanimously recommended approval of the proposed axle restriction prohibiting use by trucks exceeding 3 axles on the segment of Placentia Lane from Center Street to Orange Street; and
- On 5/8/25, the Mobility & Infrastructure Committee unanimously recommended approval of the proposed axle restriction on the segment of Placentia Lane from Center Street to Orange Street.



5

RiversideCA.gov

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 count data, 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

RiversideCA.gov

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.

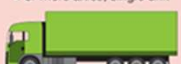


7

RiversideCA.gov

7

VEHICLE CLASSIFICATIONS

FHWA Vehicle Classifications				☐ Passenger Vehicles	☐ 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

RiversideCA.gov

8

VEHICLE CLASSIFICATIONS

EB Placentia between Center & Orange

Percentage of vehicle type

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	Total	Total % Non-Trucks	Total % Trucks
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

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	Total	Total % Non-Trucks	Total % Trucks
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

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	Total	Total % Non-Trucks	Total % Trucks
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

RiversideCA.gov

9

SIGN SAMPLES



10

RiversideCA.gov

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 requested revisions to the bill, but are also working to reach compliance as soon as possible;
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. Assembly Bill 735 would afford some leniency for agencies making a good faith effort to comply



11

RiversideCA.gov

11

RECOMMENDATION

- That the City Council approve and introduce an ordinance to establish an axle restriction prohibiting use by trucks exceeding 3 axles on the segment of Placentia Lane from Center Street to Orange Street.



12

RiversideCA.gov

12