

Arlington, Central, Chicago, Iowa & Jurupa Avenues - Axle Restrictions

Public Works Department

Transportation Committee
March 8, 2018

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BACKGROUND – TRANSPORTATION COMMITTEE

1. On May 11, 2017 the Committee reviewed information regarding the current use and application of weight limit and axle restrictions to regulate truck traffic on City streets and requested that staff return with a policy and recommendations.
2. On August 10, 2017 the Committee considered a proposal to establish axle restrictions on designated segments of Alessandro and Van Buren Boulevards and Central Avenue and recommended that City Council approve the proposed restrictions and that Public Works return to Committee in 12 months to evaluate.



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BACKGROUND – RIVERSIDE POLICE DEPARTMENT (RPD) COMMERCIAL VEHICLE ENFORCEMENT DIVISION

1. RPD recommends the use of axle restrictions on arterial streets as it provides probable cause to stop trucks.
2. RPD may utilize mobile truck scale equipment to assess weight and weight distribution.
3. Subsequent to Transportation Committee initial reviews RPD made recommendations for additional axle restrictions on designated segments of Arlington, Central, Chicago, Iowa, and Jurupa Avenues.



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BACKGROUND – TRANSPORTATION BOARD

1. To provide a public meeting forum, notifications to potentially impacted businesses in the areas, and hear public comment on the matter, the proposals were scheduled for Transportation Board consideration.
2. On October 4, 2017 the Board reviewed a proposal to establish axle restrictions on select segments of Alessandro and Van Buren Boulevards, Arlington, Central, Chicago, Iowa, and Jurupa Avenues.



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BACKGROUND – COUNTY OF RIVERSIDE

1. Due to shared jurisdiction of Alessandro and Van Buren Boulevards and potential impacts to adjoining agency roadways Public Works consulted with the County of Riverside regarding the proposed axle restrictions.
2. County opposed both axle restrictions due to potential impacts to already congested Cajalco Road.
3. As a result, Public Works agreed to engage in additional discussions with the County prior to further consideration of establishment of axle restrictions on the two streets.



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BACKGROUND – TRANSPORTATION BOARD

1. Two business representatives spoke in opposition to establishment of the proposed axle restrictions on Jurupa Avenue and Van Buren Boulevard.
2. Due to County opposition to the Alessandro and Van Buren Boulevard proposals and mutual agreement to engage in further dialogue to discuss viability, the two items were not considered in the Board's motion.



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TRANSPORTATION BOARD RECOMMENDATIONS

1. The Transportation Board recommended establishment of axle restrictions on designated segments of Arlington, Central, Chicago, Iowa, and Jurupa Avenues.
2. The Board also suggested use of stickers or exemption letters allowing select businesses continued use of existing roadways to avoid trucks making left-turns onto major arterials and provide the shortest routes and improved safety.



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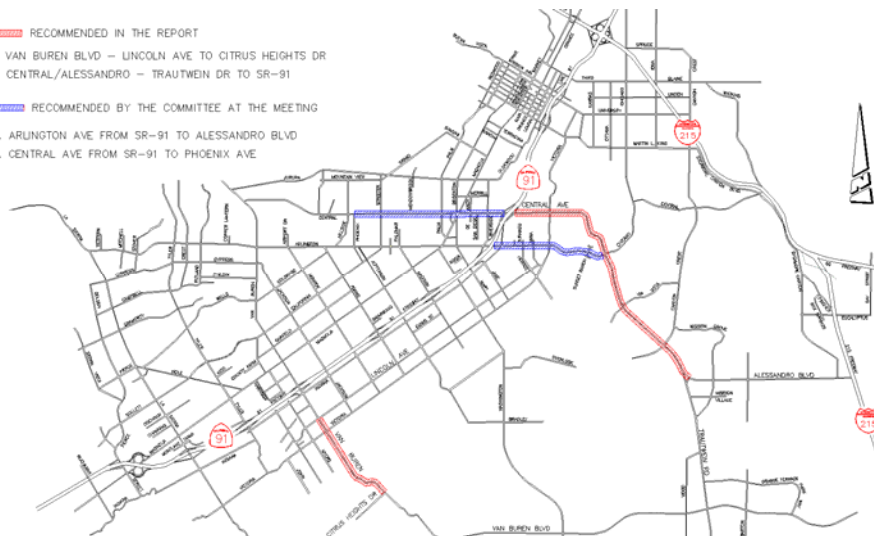
RECOMMENDATIONS BY TRANSPORTATION COMMITTEE ON AUG. 10, 2017

■ RECOMMENDED IN THE REPORT

1. VAN BUREN BLVD – LINCOLN AVE TO CITRUS HEIGHTS DR
2. CENTRAL/ALESSANDRO – TRAUTWEIN DR TO SR-91

■ RECOMMENDED BY THE COMMITTEE AT THE MEETING

3. ARLINGTON AVE FROM SR-91 TO ALESSANDRO BLVD
4. CENTRAL AVE FROM SR-91 TO PHOENIX AVE



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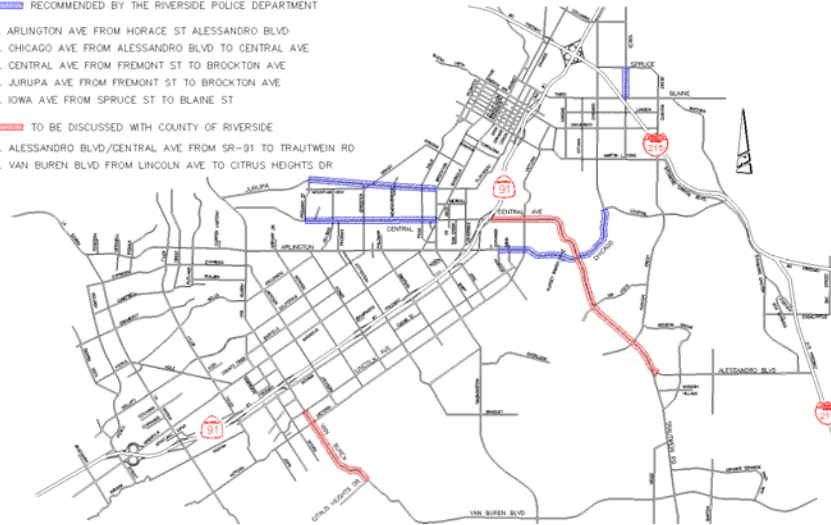
RECOMMENDATIONS BY TRANSPORTATION BOARD ON OCT. 4, 2017

RECOMMENDED BY THE RIVERSIDE POLICE DEPARTMENT

1. ARLINGTON AVE FROM HORACE ST ALESSANDRO BLVD
2. CHICAGO AVE FROM ALESSANDRO BLVD TO CENTRAL AVE
3. CENTRAL AVE FROM FREMONT ST TO BROCKTON AVE
4. JURUPA AVE FROM FREMONT ST TO BROCKTON AVE
5. IOWA AVE FROM SPRUCE ST TO BLAINE ST

TO BE DISCUSSED WITH COUNTY OF RIVERSIDE

6. ALESSANDRO BLVD/CENTRAL AVE FROM SR-91 TO TRAUTWEIN RD
7. VAN BUREN BLVD FROM LINCOLN AVE TO CITRUS HEIGHTS DR



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APPLICATIONS FOR AXLE RESTRICTIONS

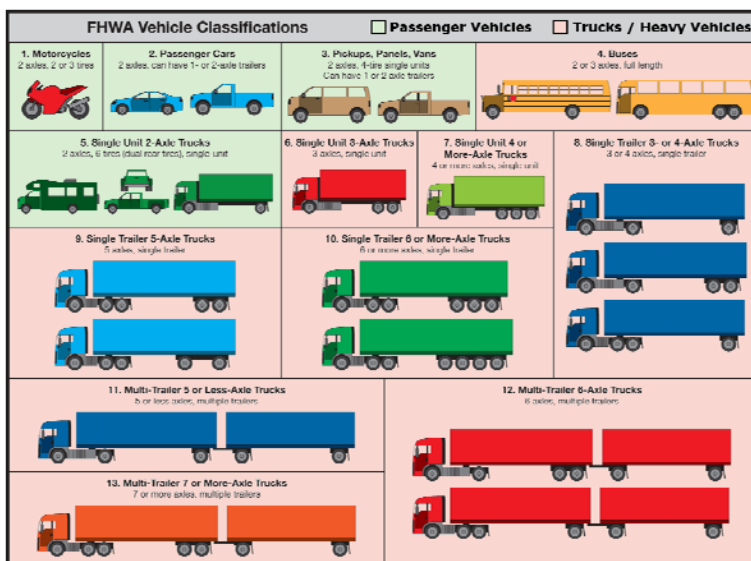
1. Axle restrictions control large/heavy truck use on arterial streets impacted by:
 - a. Excessive damage to asphalt; and/or
 - b. Traffic or safety concerns;
 - c. Cut-through traffic to bypass freeway congestion;
 - d. Noise (Jake brake) and Emissions.



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FEDERAL HIGHWAY ADMINISTRATION EXHIBIT



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TRUCK TRAFFIC COUNT DATA COMPARISONS

Street	Location	Total 24-Hr Volume 2016	Total # of Trucks 2016	Total % of Trucks 2016	Total 24-Hr Volume 2018	Total # of Trucks 2018	Total % of Trucks 2018	# / % Trucks Increase 2016 vs 2018
Van Buren Blvd	South of Indiana Av	37,328	696	1.9%	38,312	835	2.2%	139 / 20%
Van Buren Blvd	North of SR-91	41,761	866	2.1%	40,502	801	2.0%	(-65) / (-7%)
*Van Buren Blvd	East of Washington St	42,314	652	1.5%	41,464	664	1.6%	12 / 2%
Alessandro Blvd	West of I-215	46,464	472	1.0%	31,685	1,004	3.2%	532 / 113%
Trautwein Rd	South of Alessandro Bl	31,046	254	.8%	30,353	566	1.9%	312 / 123%
Alessandro Blvd	North of Chicago Av	32,652	417	1.3%	33,795	682	2.0%	265 / 63%

Street	Location	Total 24-Hr Volume 2015	Total # of Trucks 2015	Total % of Trucks 2015	Total 24-Hr Volume 2018	Total # of Trucks 2018	Total % of Trucks 2018	# / % Trucks Increase 2015 vs 2018
Alessandro Blvd	North of Trautwein Rd	58,406	544	.9%	61,612	1,422	2.3%	878 / 161%
*Van Buren Blvd	West of Meridian Pkwy	34,964	568	1.6%	30,662	834	2.7%	266 / 47%

*Locations under County jurisdiction

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TRAFFIC COUNT DATA COMPARISONS

1. Seven of the eight locations evaluated experienced increased truck traffic volumes which may be associated with construction activities.
2. Van Buren north of the SR-91 Fwy was the single location that showed a slight decline in both truck volumes and percentage.
3. Resulting data will be shared with the County.



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CONTINUED COLLABORATION

1. Public Works will conduct bi-annual classification counts starting January 2019 at select locations on Alessandro and Van Buren Boulevards until the March JPA Development along Van Buren Boulevard has been completed.
2. Public Works will collaborate with the County to actively consider axle restrictions on Alessandro and/or Van Buren Boulevards if truck traffic volumes exceed 3% during or after March JPA project completion.



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RECOMMENDATION

That the Transportation Committee recommend to City Council to establish "4 or More Axles" restrictions on:

1. Arlington Avenue from Horace Street to Chicago Avenue;
2. Central Avenue from Fremont Street to Brockton Avenue;
3. Chicago Avenue from Arlington Avenue to Central Avenue;
4. Iowa Avenue from Spruce Street to Blaine Street; and
5. Jurupa Avenue from Fremont Street to Brockton Avenue; and

