



Alessandro Blvd/Central Ave, Van Buren Blvd Axle Restrictions

Public Works Department

Transportation Committee
July 13, 2017

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BACKGROUND

1. Public Works may establish axle restrictions to prohibit truck traffic on certain segments of arterial streets.
2. Such restrictions help to move truck traffic from arterials onto local freeways to reduce wear and tear of roadways, reduce noise and emissions, and improve safety.
3. Deliveries or Picking Up of materials not impacted within the restricted zones.



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TYPES OF RESTRICTIONS

1. Weight Limit:
 - a. Restricts truck activity based upon gross vehicle weight rating (GVWR); and
 - b. Typical for use on local and collector roadways with lower traffic volumes and thinner asphalt section.
2. Axle Restriction:
 - a. Prohibits use by trucks exceeding a specific number of axles; and
 - b. Utilized for select arterial roadways to limit larger, heavier trucks.



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FEDERAL HIGHWAY ADMINISTRATION EXHIBIT

Class 1 Motorcycles		Class 7 Four or more axle, single unit	
Class 2 Passenger cars			
		Class 8 Four or less axle, single trailer	
Class 3 Four tire, single unit		Class 9 5-Axle tractor-semitrailer	
Class 4 Buses		Class 10 Six or more axle, single trailer	
		Class 11 Five or less axle, multi-trailer	
		Class 12 Six axle, multi-trailer	
Class 5 Two axle, six tire, single unit		Class 13 Seven or more axle, multi-trailer	
Class 6 Three axle, single unit			

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APPLICATIONS FOR AXLE RESTRICTIONS

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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AXLE RESTRICTIONS

1. Existing 3-Axle restriction on Main Street between Columbia Avenue and SR-60.
2. **Recommended** – Alessandro Boulevard/Central Avenue between Trautwein Road and SR-91
3. **Recommended** – Van Buren Boulevard between Lincoln Avenue and Citrus Heights Drive



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ALESSANDRO/CENTRAL LOCATION MAP



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VAN BUREN BLVD LOCATION MAP



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ENFORCEMENT

1. Riverside Police Department (RPD) recommends the use of Axle Restrictions on Arterial Streets as it provide probable cause to stop trucks.
2. May utilize mobile truck scale equipment to also assess weight and weight distribution.
3. RPD Officers continue to monitor and enforce to ensure compliance.



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RECOMMENDATION

That the Transportation Committee recommend to City Council to establish a "4 or More Axles" restrictions on Alessandro Blvd/Central Ave between Trautwein Rd and SR-91 and on Van Buren Blvd between Lincoln Ave and Citrus Heights Dr.



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