



Truck Routes – Technical Analysis and Consideration of Pilot Project

Public Works Department

Transportation
Committee Meeting
December 10, 2015

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BACKGROUND

- At the request of Councilmember Davis, the Public Works and Police Departments collaborated to assess the viability of establishing truck routes within the City
- California Vehicle Codes (CVC) 22506 and 22507 enable local agencies to restrict commercial travel within their jurisdiction



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PURPOSE

- Truck routes are intended to:
 - Define and limit where commercial vehicles would be able to travel within the City
 - Concentrate truck traffic on corridors best suited to accommodate this type of traffic
 - Limit the impacts to minor arterial and collector roadways
 - Reduce negative effects on residential, school and commercial zones



IMPORTANCE OF COMMERCIAL TRUCKS

- Crucial to the availability of goods for both production and consumption
- Vital to economic strength and growth
- Trucking industry creates jobs



ADVANTAGES

- Would regulate truck use of City streets benefiting non-truck route roadways with:
 - Decreased noise and emissions
 - Reduced deterioration of asphalt
 - Enhanced safety for motorists, bicyclists and pedestrians
 - Improved traffic progression by limiting trucks



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DISADVANTAGES

- May promote City Truck Route as bypass of freeway congestion potentially causing:
 - Increased pollution; negative health impacts
 - Adverse economic impacts:
 - Elevated health care and transportation infrastructure costs; and
 - Higher demand on police, paramedic, and city and regulatory agencies
 - Slower emergency response times
 - Traffic delays due to slower truck movements



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POTENTIAL PILOT PROJECT

- Should the City consider truck routes, Public Works would recommend starting with a 6 month pilot project to assess:
 - Increase in trucks
 - Impacts to travel speeds
 - Feedback from emergency providers
 - Non-designated routes for reductions in trucks
 - Community feedback
 - Noise levels



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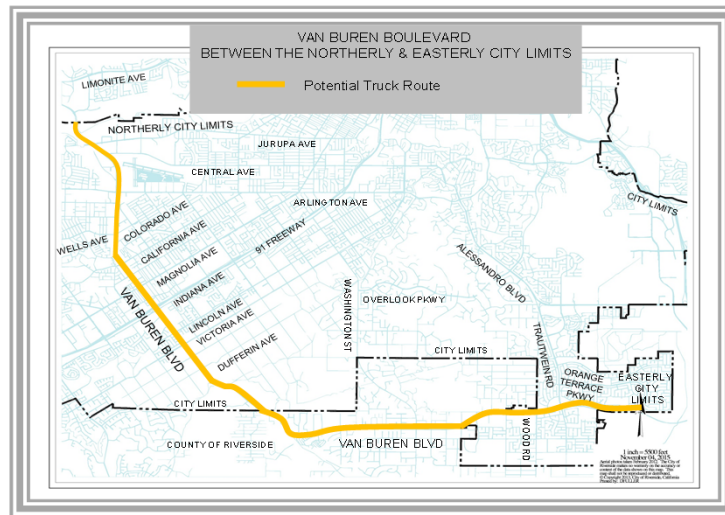
POTENTIAL TRUCK ROUTE

- Van Buren identified as potential truck route
 - Multi-lane roadway with adequate capacity
 - Traverses the City and provides connectivity to other arterials
 - Offers direct access to freeways
 - Provide direct access to freeways and/or connections to adjoining jurisdictions



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POTENTIAL TRUCK ROUTE SITE MAP – VAN BUREN BLVD



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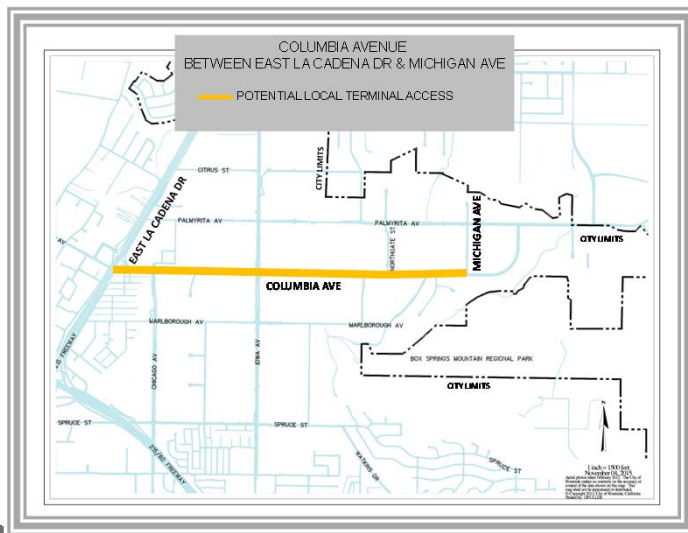
LOCAL TERMINAL ACCESS ROUTES

- If considering truck routes, local terminal access routes may also be viable as they:
 - Accommodate truck traffic within a specific region such as industrial areas
- Locations to consider:
 - Eastridge Ave
 - Columbia Ave
 - Iowa Ave
 - Main St



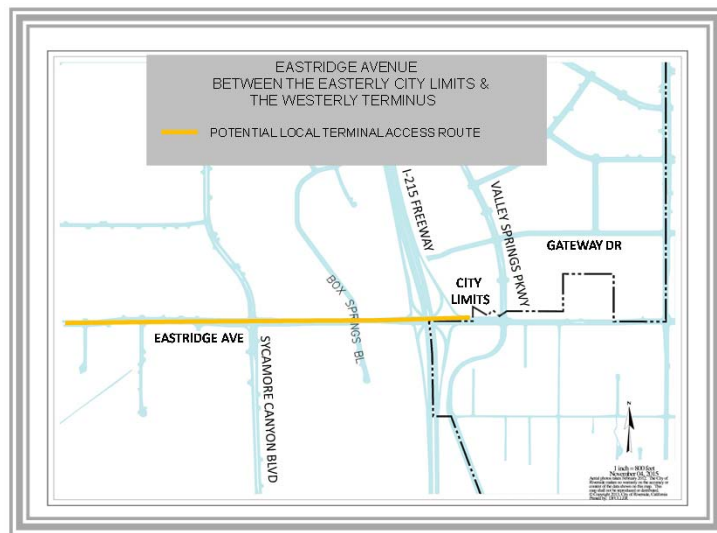
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POTENTIAL LOCAL TERMINAL ACCESS ROUTE SITE MAP – COLUMBIA AVE



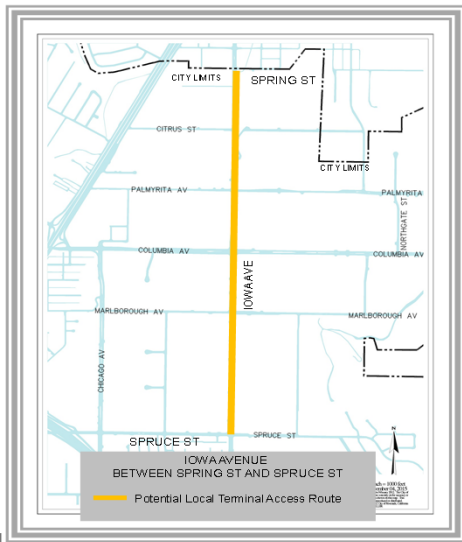
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POTENTIAL LOCAL TERMINAL ACCESS ROUTE SITE MAP – EASTRIDGE AVE



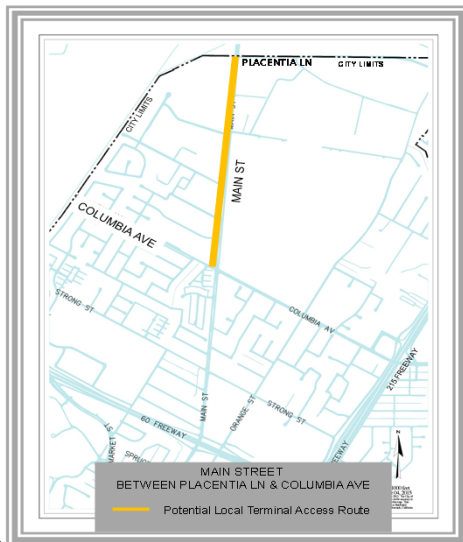
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POTENTIAL LOCAL TERMINAL ACCESS ROUTE SITE MAP – IOWA AVE



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POTENTIAL LOCAL TERMINAL ACCESS ROUTE SITE MAP – MAIN ST



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PILOT PROJECT ELEMENTS

- Installation of signs designating the routes
- Before and after studies including:
 - Classification studies of truck traffic volumes
 - Speed studies to verify prevailing traffic speeds
 - 24-Hour traffic studies to detect changes in volume
- Analysis of study data to assess impacts to traffic and effectiveness of routes
- Determination if formal adoption is warranted



RECOMMENDATION

- That the Committee receive and file this report and consider recommending a pilot truck route project

