



TRANSPORTATION BOARD

Linden Street Restriping Project

Meeting

Transportation Board: June 3, 2026

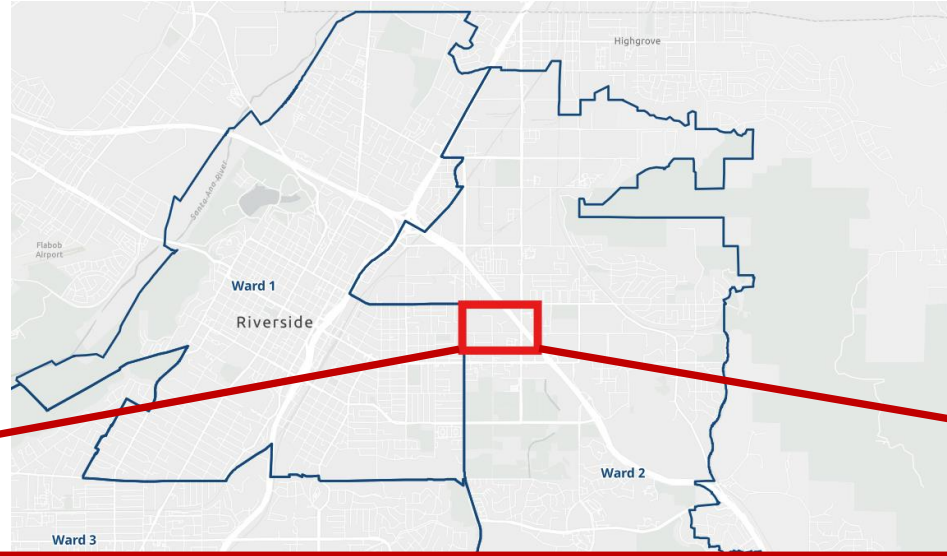
BACKGROUND

Linden Street between Chicago Avenue and Iowa Avenue

- 4-lane, east-west roadway with 64-foot curb-to-curb width, bicycle lanes, and curbside student loading zone adjacent to John W. North High School
- Segment will be resurfaced as part of the Fiscal Year 25/26 Community Development Block Grant (CDBG) Street Improvements Project



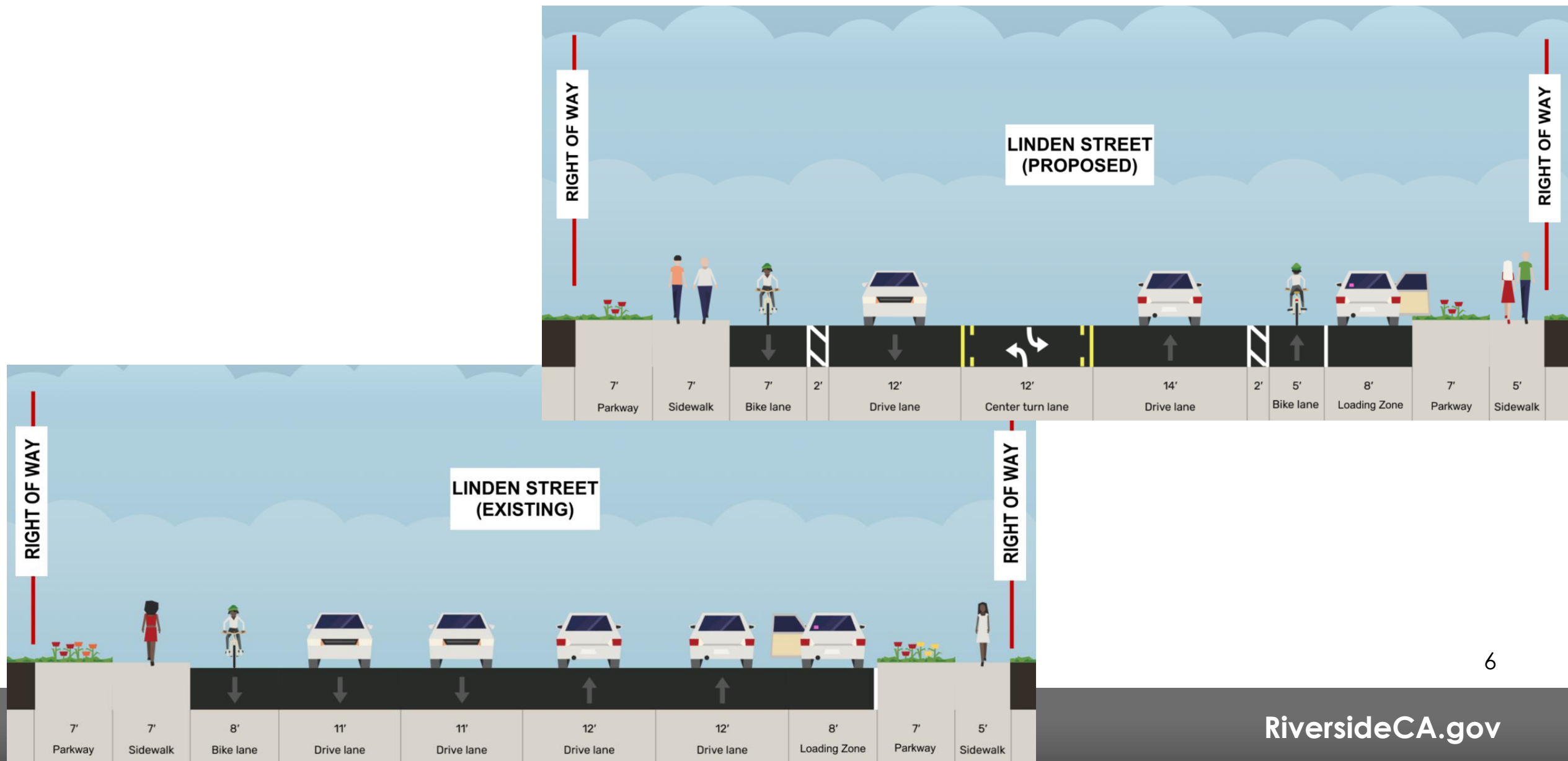
LOCATION MAP



EXISTING CONFIGURATION



EXISTING AND PROPOSED CROSS SECTIONS



COLLISION DATA

- Collisions occur at a rate higher than expected for a typical 4-lane undivided urban arterial.
- 36 collisions over 5 years
- Conflict Points are reduced when converting from 4-Lane Undivided to 3-Lane Highway

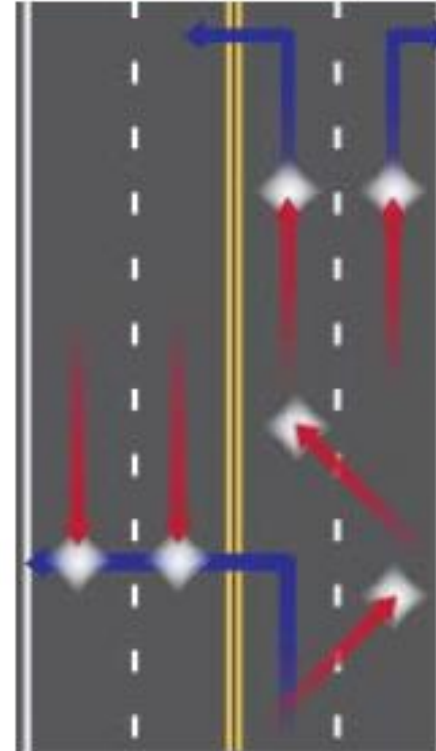
Primary Collision Factor (Top 3)		
Rank	Collision Factor	Percentage of all collisions
1	Improper Turning	33%
2	Unsafe Speed	19%
3	Auto R/W Violation	17%

COLLISION DATA

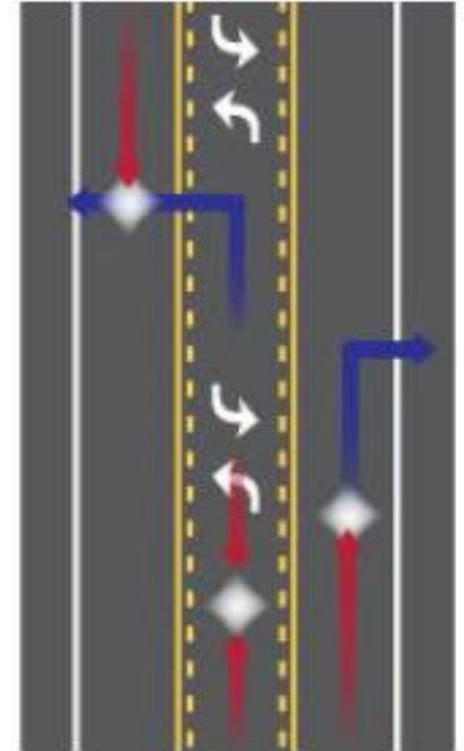
Operational benefits include:

- Separating left turns
- Minimizing side street traffic crossing
- Speed differential reductions
- Reduced pedestrian exposure to conflicting vehicular movements
- Greater distance between vehicular travel lanes and sidewalks.
- Painted buffer between vehicular traffic and bicycle traffic.

Four-Lane Undivided



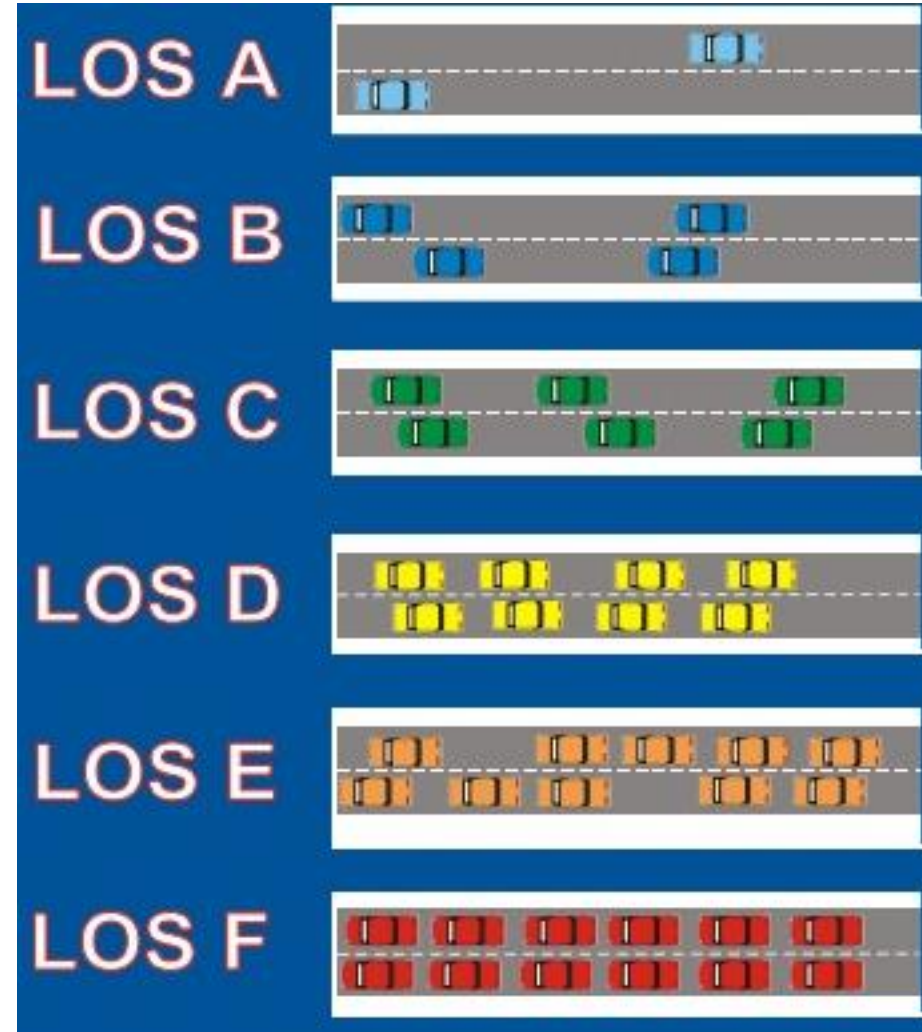
Three-Lane



<https://highways.dot.gov/sites/fhwa.dot.gov/files/2022-06/rdig.pdf>

TRAFFIC LEVEL OF SERVICE IMPACTS

- Level of Service (LOS) is a measure the performance of roadway segments based on speed, travel time, freedom to maneuver, and delay
- Segments are graded on an A-F scale, in which LOS A is free flow traffic, and F is severe congestion.



TRAFFIC LEVEL OF SERVICE IMPACTS

Existing and Proposed Segment Level Of Service (Current Year)

Roadway Segment		Effective Classification	LOS E Capacity	ADT	LOS
Existing Conditions	Linden St: Chicago Ave to Cranford Ave	4-Lane Arterial	22,000	6,324	A
	Linden St: Cranford Ave to Iowa Ave	4-Lane Arterial	22,000	5,743	A
Proposed Conditions	Linden St: Chicago Ave to Cranford Ave	2-Lane Collector	12,500	6,324	A
	Linden St: Cranford Ave to Iowa Ave	2-Lane Collector	12,500	5,743	A

ADVANTAGES AND DISADVANTAGES

Advantages

- Consistency with General Plan
- Operational and Safety benefits
- Enhanced School Loading Zone
- Encourages Active Transportation



Disadvantages

- Decrease in roadway capacity



RECOMMENDATIONS

- That the Transportation Board direct staff to conduct community engagement for a potential pilot project that would temporarily convert Linden Street between Chicago Avenue and Iowa Avenue from a four-lane roadway to a two-lane roadway with a striped two-way left-turn lane median and buffered bike lanes and bring findings and recommendations to the Mobility & Infrastructure Committee.