



91 Express Lanes

Riverside County Transportation Commission

91 Express Lanes Toll Policy

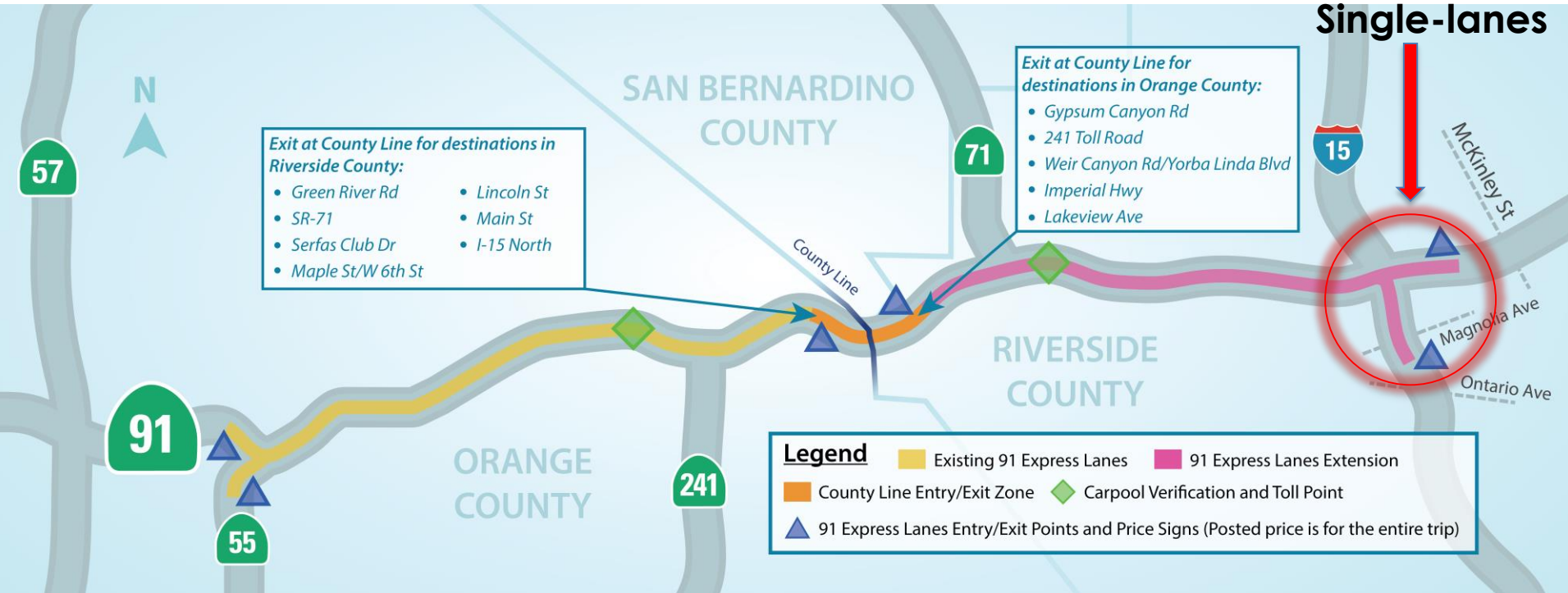
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Current Policy

- Adopted June 2012
- Based on Orange County Transportation Authority Toll Policy
- Time of Day Variable Pricing
- Based on two-lane hourly traffic
- Inflation adjustment tied to 91 toll services contract escalation

Sixteen Month Post Operation Lessons Learned

- Traffic exceeded projections by 160% putting the Express Lanes at capacity two years ahead of planned
- Demand exceeds capacity during peak periods
- McKinley single-lane segment has greater demand than 15 south creating a backup at McKinley entrance and exits
- The actual single-lane capacity is less than one-half of the estimated two-lane capacity (3,200)



What has been done?

- Studied the operation
- Added monitoring equipment
- Made physical improvements
- Adjusted pricing volumes from two-lane volumes to single-lane volumes
- Weekly toll rate adjustments

Why is single-lane capacity lower than expected?

- Queue cutting
- Short sight distance
- Long headways (distance) between vehicles
- Lack of confidence in maintained speeds

Eastbound McKinley

Long Headways



Short sight distance



Proposed Changes to Toll Policy

1. Level of Service Hourly Volumes
2. Super – peak Volume Triggers
3. Super – peak toll Adjustment Amounts
4. Annual Inflation Adjustment

Level of Service Volumes

Level of Service	Current (two-lane)	Proposed (single-lane)
A	0 - 800	0 - 400
B	801 - 1,600	401 - 800
C	1,601 - 2,400	801 - 1,000
D	2,401 - 2,800	1,001 - 1,200
E (two lane)	2,800 - 3,100	N/A
E (EB McKinley)	N/A	1,201 - 1,300
E (EB 15 South)	N/A	1,201 - 1,400
E (WB McKinley)	N/A	1,201 - 1,350
E (WB 15 South)	N/A	1,201 - 1,400

Super-peak Volume Triggers

	Current (two-lane)	Proposed (single-lane)
Eastbound – Two-lane	3,200-3,299 >3,300	n/a
Eastbound - McKinley	n/a	1,300-1,350 >1,350
Eastbound – 15 South	n/a	1,400-1,450 >1,450
Westbound – Two-lane	3,200 -3,299 >3,300	n/a
Westbound - McKinley	n/a	1,350-1,400 >1,400
Westbound – 15 South	n/a	1,400-1,450 >1,450

Super-peak Toll Adjustment Amounts

	Current Adjustment	Proposed Adjustment
1 st volume level	\$.75	\$1.00
2 nd volume level	\$1.00	\$1.30

Annual Inflation Adjustment

- Currently 2% tied to the toll services provider contract
 - Proposing to adjust according to the Consumer Price Index for the region.
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- Level of Service tolls
 - Super-peak toll rates
 - Super-peak adjustments

Next Step

- The Commission will be holding a public hearing on this item at the October 10th meeting to adopt a amended and restated resolution.

Questions?