

# Gateway Cities Region Service Changes For December 2015

# Bus Stop Optimization Plan

## Background:

- January 2015, APTA was invited to conduct a peer review and provide feedback on Metro's operating system.
- Metro's Peer Review Committee (formally known as The Blue Ribbon Committee) also convened to aid Metro staff in updating the Transit Service Policy.
- Metro's average bus speeds have steadily declined from 11.72 to 10.91 in the last 5 years.
- Both peer review groups endorsed the idea of increasing system-wide stops spacing with the purpose of increasing bus speeds.
- Bus Stop Optimization plan was created in response to peer review recommendations.



**Metro**

# Bus Stop Optimization Plan

## Considerations:

- Stop removals should not be greater than the average distance allowed as indicated by Metro's Transit Service Policy.
- Street conditions should be such that the discontinued stop would not impede access to the stop removal location.
- Stops serving as unique connections to other transit services should not be discontinued.
- Stops should be consolidated whenever possible. On busy corridors with split stops, similar lines should share stops.

Maximum Avg. Stop/Station Spacing

|            |      |
|------------|------|
| Heavy Rail | 1.50 |
| Light Rail | 1.50 |
| BRT        | 1.25 |
| Rapid      | 0.80 |
| Express    | 1.25 |
| Limited    | 0.60 |
| Local      | 0.25 |
| Shuttle    | 0.25 |

# Bus Stop Optimization Plan

## Expectations:

- Increase system-wide bus speeds by reducing the time lost on making unnecessary stops.
- Increase bus safety by reducing the amount of times buses merge in and out of traffic lanes.
- Increase safety at bus stops by gathering larger groups of patrons at a single location.
- Form more consistent stop patterns throughout Metro's bus network.



# Bus Stop Optimization Plan

## Sample Line 105 – Vernon Av



— Line 105

● Stops not affected

● Stops proposed to be removed

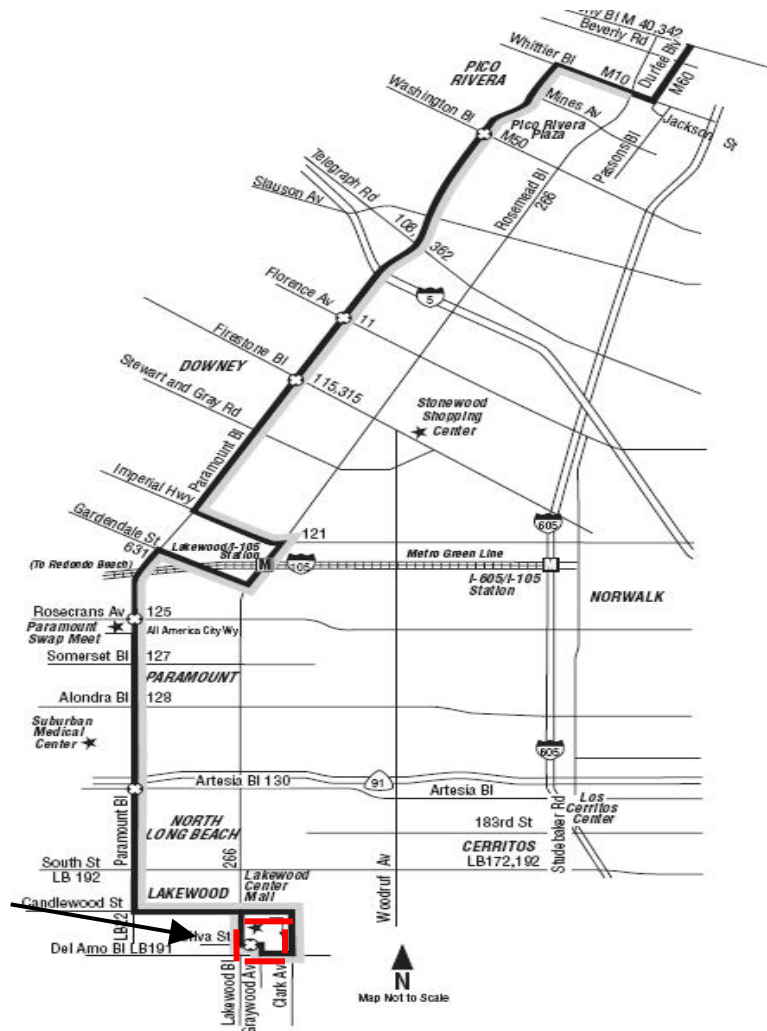
# Bus Stop Optimization Plan

## Next Steps:

- Metro will alert patrons of the change in stops through signage at affected stops and on board Service Change Notices.
- Implementation will be phased over the next year.
- Each removed stop will remain as a place holder for three months so that if need be, it can easily be reinstated.

# Route Changes for December 2015

## Line 265 Paramount Blvd



New Route



Metro

# Route Changes for December 2015

## Line 266 Lakewood Blvd



Metro

New Route





# Route Changes for December 2015

## Line 460 Express



# Experimental Route Change for December 2015

## Line 760 Long Beach BI Rapid



**Extension  
to Artesia  
Blue Line  
Station**

**Questions?**