



# 2013 Short-Range Transit Plan

# Short-Range Transit Plan Outline

- ✓ Goals and Objectives
- ✓ Scenarios
- ✓ Evaluation of Existing Service
- Recommendations
  - Operation Plan
    - Resource estimates
    - Service recommendations
  - Bus Capital Plan updates
  - Planning study recommendations

# Resource Estimates

- Most-Likely
  - Hours match Comprehensive Business Plan (CBP)
- Optimistic
  - Hours increase three percent annually
  - New hours split between OTP/load and new service improvements
- Pessimistic
  - Hours decrease three percent annually
  - Assume no decrease in fiscal year 2013-14

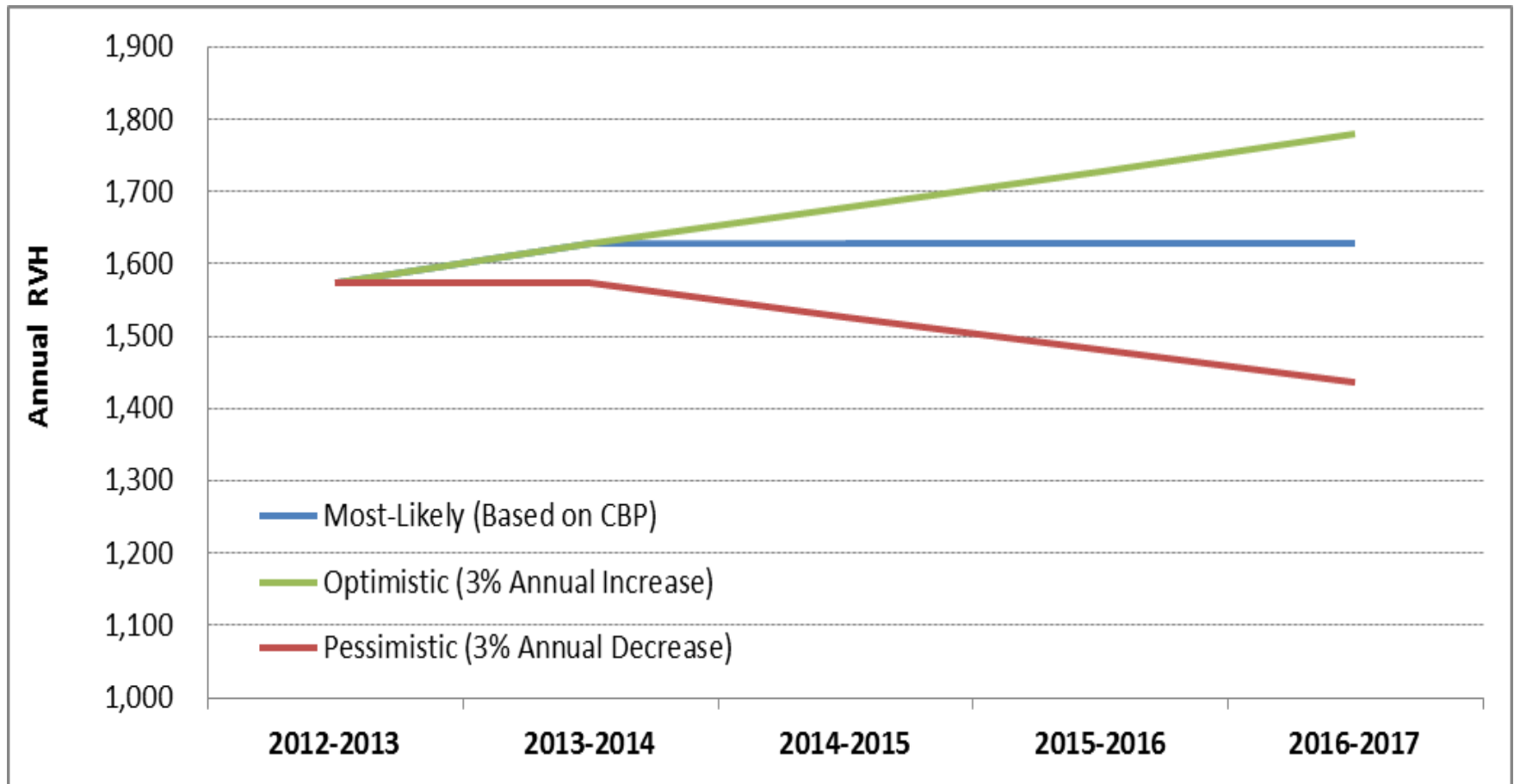
# Revenue Hours by Scenario

Fiscal Year	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	CHANGE
<b>Most-Likely (Based on CBP)</b>						
Base RVH	1,551,000	1,574,000	1,629,000	1,629,000	1,629,000	
Load/OTP RVH	23,000	24,000	-	-	-	47,000
New Service RVH	-	31,000	-	-	-	31,000
<b>Total RVH</b>	<b>1,574,000</b>	<b>1,629,000</b>	<b>1,629,000</b>	<b>1,629,000</b>	<b>1,629,000</b>	
Buses	470	478	478	478	478	8
<b>Optimistic (3% Annual Increase)</b>						
Base RVH	1,551,000	1,574,000	1,629,000	1,677,870	1,728,207	
Load/OTP RVH	23,000	24,000	22,528	19,992	21,800	111,320
New Service RVH	-	31,000	26,342	30,344	30,046	117,732
<b>Total RVH</b>	<b>1,574,000</b>	<b>1,629,000</b>	<b>1,677,870</b>	<b>1,728,207</b>	<b>1,780,053</b>	
Buses*	470	478	492	507	522	52
<b>Pessimistic (3% Annual Decrease)</b>						
Base RVH	1,551,000	1,574,000	1,574,000	1,526,780	1,480,977	
Add/Reduce RVH	23,000	-	(47,220)	(45,803)	(44,429)	(114,453)
<b>Total RVH</b>	<b>1,574,000</b>	<b>1,574,000</b>	<b>1,526,780</b>	<b>1,480,977</b>	<b>1,436,547</b>	
Buses*	470	470	456	443	430	(40)

\*Assumes 3,408 RVH per vehicle

RVH – Revenue Vehicle Hours

# Revenue Hours by Scenario



# Service Recommendations

- Schedule Maintenance
  - Proposed method to allocate resources to existing routes to meet service standards
- New Service
  - Prioritized recommendations for expansion and frequency improvements

# Bus Service Standards

1. Loading
  - Conduct annual loading analysis
2. OTP
  - Conduct annual OTP analysis
3. Headways
  - Improve through addressing loads and new service improvements
4. Service Accessibility
  - May improve with new services
5. Span
  - No improvements recommended without demonstrated demand

# Addressing Loading and OTP

- Loading Analysis
  1. Are there Title VI or EJ issues?
  2. Do we meet standard?
  3. Which lines have highest percentage load issues?
  
- OTP Analysis
  1. Are there Title VI or EJ issues?
  2. Do we meet standard?
  3. Which lines have longer headways?
  4. Which lines have most riders?



# New Service Priorities

- “New Service” Includes Expansion and Frequency Improvements
- Transit System Study Recommendations
- Recent Productivity
- Geographic Distribution
- Post-Transit System Study Customer Comments

# Improvement Packages 1 and 2

Routes	Description	Proposed Change	Change in Annual Vehicle Service Hours
<b>IMPROVEMENT PACKAGE 1</b>			
543	Harbor Boulevard	BRAVO! on Harbor Boulevard (Pilot Project)	23,812
722	State Route 22 (SR-22) Express	Intercounty Express on SR-22 (Pilot Project)	6,120
273	State Route 73 (SR-73)	Intracounty Express on SR-73 (Pilot Project)	1,020
<b>PACKAGE 1 TOTAL</b>			<b>30,952</b>
<b>IMPROVEMENT PACKAGE 2</b>			
211	Interstate 405 (I-405)	Transition to I-405 between Irvine Spectrum and Goldenwest Transit Center via I-405 w/ stops at Jamboree Road, MacArthur Boulevard, Bristol Street, and Harbor Boulevard.. Double weekday service levels	3,397
463/464	Santa Ana Stationlink	Restructure services between Santa Ana Depot and South Coast Metro	977
410/411	Anaheim Canyon Stationlink	Restructure service from Anaheim Canyon Station	472
26	Chapman Avenue	Added service between Fullerton Transportation Center and California State University, Fullerton.	4,335
66	McFadden Avenue	Goldenwest Transit Center to Irvine Valley College. Discontinue trips to Larwin Square. Peak trips to Boeing discontinued. Peak service 10 minutes instead of 12 minutes	15,758
86	Alton Parkway	Restore Saturday service (customer suggestion)	1,404
<b>PACKAGE 2 TOTAL</b>			<b>26,342</b>

# Improvement Packages 3 and 4

Routes	Description	Proposed Change	Change in Annual Vehicle Service Hours
<b>IMPROVEMENT PACKAGE 3</b>			
60	Westminster Avenue/ 17th Street	BRAVO!: Long Beach Veterans Administration Hospital to Tustin Avenue and 6 <sup>th</sup> Street via Westminster Avenue/17th Street. Short-line between Goldenwest Boulevard and Tustin Avenue/6th Street	30,344
		<b>PACKAGE 3 TOTAL</b>	<b>30,344</b>
<b>IMPROVEMENT PACKAGE 4</b>			
47	Fairview Street	Fullerton Transportation Center to Costa Mesa (Triangle Square) via Anaheim Boulevard, Chapman Avenue, State College Boulevard, Garden Grove Boulevard, Fairview Street, Wilson Street, Victoria Street, Placentia Avenue, and 19th Street. Eliminate service south of Costa Mesa. Off-peak service 15 minutes instead of 20 minutes	10,698
37	Euclid Street	La Habra (Whittier Boulevard and Euclid Street) to South Coast Plaza via Euclid Street, MacArthur Boulevard, and Flower Street. New north loop terminus (Whittier Boulevard, Euclid Street, Harbor Boulevard, and Lambert Road), operate alternating trips clockwise/counterclockwise around terminus loop. Peak service 15 minutes instead of 30 minutes, off-peak 30 minutes instead of 40 minutes	19,348
		<b>PACKAGE 4 TOTAL</b>	<b>30,046</b>

# Next Steps

- Finalize Plan Based on Board of Directors Input
- Develop Schedule Maintenance Recommendations for October Service Change
- Regularly Update Plan