



June 26, 2003

**TO:** BOARD OF DIRECTORS  
**THROUGH:**  ROGER SNOBLE  
CHIEF EXECUTIVE OFFICER  
**FROM:** JOHN B. CATOE, JR.  
DEPUTY CHIEF EXECUTIVE OFFICER  
**SUBJECT:** JUNE 2003 BUS SERVICE CHANGE

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**ISSUE**

With changes made in the June 2003 Service Change, directly operated Bus Trips will increase 5.5% above current service levels. The Transit Planning staff at each of the five Sectors restructured the bus service such that Revenue Hours will increase just 1.0%. The restructuring of bus service reduces the distance traveled on an average Bus Trip and increases In-Service travel speed of the bus.

**DISCUSSION**

In his December 9, 2002 Order, the Special Master outlined the methodology to be used to determine MTA compliance with the 1.25 and 1.20 load factor targets required by the Consent Decree. Applying this methodology to point check data collected during the period of June 30, 2000 through September 30, 2002 indicated that 320 units of additional capacity were required during the AM peak and 448 units of additional capacity were required during the PM peak. The Joint Working Group (JWG) reached agreement on the number of service capacity units on January 21, 2003. The initial analysis of service units required equated to approximately 185 buses and roughly 400,000 revenue hours annually.

Attachment A depicts over 100 improvements to the bus system incorporated in the June 2003 Service Change. The increase in service on 62 routes, due primarily to Consent Decree compliance, represents, by far, the greatest number of changes. Beyond the service expansion driven by the Consent Decree, new services were added to another 14 routes. Taken together, these changes mean that 269,110 more Bus Trips will be operated over the course of the next year. The additional Bus Trips will reduce overcrowding and improve customer access to MTA's bus system.

The service expansion represents a 5.5% increase in Bus Trips. In contrast, the following chart shows that the June service expansion requires just 1% more Revenue Hours.

<b>SUMMARY</b>	<b>Bus Trips</b>	<b>Revenue Hours</b>
<b>December 2002</b>	4,908,576	6,809,860
<b>June 2003</b>	5,177,686	6,879,303
<b>Difference</b>	269,110	69,443
<b>Change</b>	5.5%	1.0%

Significant reallocations of service account for the apparent disparity between these two measures bus system availability. The changes made by Sector staff reduced the distance traveled on an average Bus Trip and increased the In-Service travel speed of the bus.

Several different strategies were used to reduce the distance traveled on an average Bus Trip. For example, eight routes were changed to coordinate with the opening of the Metro Gold Line. Shorter Bus Trips will take passengers to Gold Line stations rather than traveling all the way to Union Station. Operational changes (i.e., short lining, rerouting, etc.) were made on eight other lines. Service reductions/cancellations were made on 10 bus lines. In all, the reallocation of service decreased the average length of a Bus Trip from 17.0 miles to 16.5 miles.

The increase in the In-Service travel speed of the bus is the result of higher speed routes introduced with June Service Change. Two new Metro Rapid routes will be inaugurated; one on Florence Ave. and the other on Van Nuys. Likewise, two new Limited Stop routes will begin service. One will be operated in the Long Beach Blvd/Santa Fe Ave. corridor. The other Limited Stop service will serve East Olympic Blvd/West 8<sup>th</sup> St. These four higher speed routes have the effect of increasing the system wide average In-Service travel speed by almost 1%.

Were it not for the service reallocations, Revenue Hours required for the June 2003 Service Change would have increased by the same percentage as the change in Bus Trips. In this case, the added Bus Trips would have required almost 375,000 Revenue Hours. This compares closely to the original estimates made in January for Consent Decree compliance. However, reducing the distance for an average Bus Trip and increasing the average In-Service travel speed, in effect, reduced the expected cost of added Bus Trips by about 300,000 Revenue Hours.

## **NEXT STEPS**

Sector staff will continue to review and evaluate the productivity of Metro Bus Operations. Additional service adjustments will be made based on such analysis. Changes identified through this process will be included in the December 2003 Service Change.

Prepared by: Ed Muncy  
Director, Service Performance Analysis

# Highlights of June 2003 Service Change

Line-Route	Sector	Corridor	Description of Change
<b>14 NEW SERVICES</b>			
4-304	W	SANTA MONICA BLVD.	Create new limited stop service all day Mon-Sun, end limited trips at Union Station, only limiteds will serve Santa Monica, extend limited stop area from Wilshire to Sepulveda; modify route of Line 4 in downtown Los Angeles; add owl trips eastbound.
55	GW	L.A.-COMPTON AVE.-IMPERIAL STA.	Implement limited service during AM peak northbound and PM peak southbound..
90-91	SF	LOS ANGELES-SUNLAND-SYLMAR	Establish new Saturday service on Foothill Blvd between Foothill/ Fenwick and Olive Hospital.
237	SF	BALBOA BLVD - WOODLEY AVE	Create new route 237 to travel from Ventura along Balboa, Rinaldi, Victory, Van Nuys, Ventura, Tyrone to Moorpark and Van Nuys Layover. Create a midday shuttle to travel from Woodley & Sherman Way shortline to Balboa and Rinaldi.
251-252	SG	SOTO ST.-DALY ST.-CALIFORNIA AVE.	Establish new shuttle service Line 252 on Soto St. from 4th St. to Huntington Dr.
360	GW	LONG BEACH BL.-SANTA FE AVE.	Implement limited service route 360
366	GW	EAST OLYMPIC BLVD.-WEST 8TH ST.	Implement limited service route 366
611	GW	New Line	New line to operate in Huntington Park, Bell, Cudahy. South Gate, Lynwood, Willowbrook, Florence and Watts areas. Replaces portion of line 56, 105, 107
612	GW	New Line	New line to operate in Vernon, Huntington Park, Bell, Cudahy. South Gate and Florence areas. Replaces portion of line 56, 107, 112 and 119.
681	SG	New Line	Establish new shuttle service Line 681 to replace existing Line 251 from Gage Ave. and Florence Ave. to 103rd/KH Blue Line Station.
686	SG	New Line	Establish new shuttle service Line 686 to replace current service from Fillmore Station to north terminal. But if MGL's opening postpones, the current Line 401 schedules will operate on Pink and Line 686 will be on hold.
687	SG	New Line	Establish new shuttle service Line 687 to replace portion of line on Los Robles % Huntington & Altadena
711	SB	Florence Ave. Rapid Bus	Establish new Florence Ave. Rapid Bus to operate from Crenshaw Bl. to Garfield Ave.
761	SF	Van Nuys Blvd. Rapid Bus Service.	Replace Line 561 limited stop service with a new Rapid Bus Service. Rapid Bus service would be provided from Foothill Blvd. via Van Nuys Blvd, Ventura Blvd., - 405- San Diego Freeway, Sepulveda Blvd., Church Ln., Sunset Blvd., Hilgard Le Conte Ave., Westwood Blvd., Wilshire Blvd. to Veteran Ave. (Federal Building Layover)
<b>More Services on 62 Bus Routes</b>			

# Highlights of June 2003 Service Change

Line-Route	Sector	Corridor	Description of Change
2-3-302	W	SUNSET BLVD. - BEVERLY DR.	Add 6 AM trips to improve service quality.
4-304	W	SANTA MONICA BLVD.	Add 2 AM and 8 PM trips for service improvements
10-11-48	W	MELROSE-TEMPLE-SAN PEDRO ST	Add 3 trips to improve service
14-37	W	BEVERLY BLVD.-WEST ADAMS	Add 5 AM and 6 PM trips during peak periods.
16-316	GW, W	WEST THIRD ST.	increase evening service, add PM service eastbound from Fairfax to Downtown.
18	GW	W. SIXTH ST.-WHITTIER BLVD.	Add 8 A.M. trips and 5 P.M. trips to improve service.
20-21	W	WILSHIRE BLVD.-U.C.L.A.-SANTA MONICA	Add 4 AM and 3 PM peak trips
26/51/52 /352	GW	SEVENTH ST.-VIRGIL AVE.-AVALON BLVD.	Add 6 A.M. trips and 7 P.M. trips to improve service.
28-83- 84-85-328	SG	W. OLYMPIC BL.-YORK BL.-EAGLE ROCK BL.	Add 8 trips to enhance service to improve passenger comfort.
30	W	W. PICO BLVD.-E. FIRST ST.-FLORAL DR.	Add 4 AM and 7 PM trips to improve service quality.
33-333	W	VENICE BLVD.	Add 6 AM and 5 PM trips; implement all day limited service to terminate at Maple Lot with locals to T31.
38-71	W	W. JEFFERSON BLVD.-CITY TERRACE	Add 2 AM and 3 PM peak trips
40-340-442	W	HAWTHORNE-LAX-LOS ANGELES	Add seven AM and eleven PM trips to improve service.
42	W	L.A.-WESTCHESTER-LAX	Add eight AM and six PM trips to improve service.
53	SB	CENTRAL AVE.	Add three and three PM trips to improve service.
60	GW	LONG BEACH BL.-SANTA FE AVE.	Add 11 A.M. trips and 16 P.M. trips to improve service.
68	W	WEST WASHINGTON BLVD. - CHAVEZ AVE.	Add 4 AM and 4 PM peak trips to improve service.
70	SG	LOS ANGELES-EL MONTE VIA GARVEY AVE.	Add necessary trips to improve service quality.
76	SG	L.A.-EL MONTE VIA VALLEY BLVD.	Add 3 peak trips to enhance service
78-79	SG	L.A.-ALHAMBRA-SO. ARCADIA-ARCADIA	Add 13 peak trips to improve service .
81	SB	FIGUEROA ST.	Add 5 trips to improve passenger comfort.
90-91	SF	LOS ANGELES-SUNLAND-SYLMAR	Add 1 northbound trip in the 6:56 - 7:16am and 1 southbound trips in both the 7:50 - 8:10 and 8:29 - 8:49am time periods at San Fernando & Fletcher
105	GW	VERNON AVE.-LA CIENEGA BLVD.	Add 5 A.M. trips and 4 P.M. trips to improve service.

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Line-Route	Sector	Corridor	Description of Change
108	SB	SLAUSON - EASTERN AVE.	Add four AM & nine PM trips to improve service.
110	SB	GAGE AVE.-CENTINELA AVE.-FOX HILLS MALL	Add two AM & seven PM trips to improve service.
125	SB	ROSECRANS AVENUE	Add 2 A.M. trips and 5 P.M. trips to improve service.
130	SB	ARTESIA AVE.	Add 3 A.M. trips and 3 P.M. trips to improve service.
150-240	SF	UNIVERSAL-VENTURA-RESEDA-WARNER CTR	Add 3 westbound trips in the 7:17 - 8:15am time periods at Ventura and Vineland
152	SF	FALLBROOK-ROSCOE-VINELAND-BURBANK	Add 2 westbound trips in the 6:56 - 7:45am 1 southbound trip in the 6:55 - 7:15am time periods at Vineland & Vanowen Add 1 eastbound trip in the 3:05 - 3:25pm, 3:36 - 3:56pm, 4:28 - 4:48pm & 4:50 - 5:27 pm time periods, at Balboa & Roscoe
158	SF	DEVONSHIRE ST.-WOODMAN AVE.	Add 1 southbound trip in the 6:55 - 7:16am time period at Woodman and Sherman Way
161	SF	WESTLAKE-CANOGA PARK	Add 1 westbound trip in both the 6:47 - 7:09am and 7:40 - 8:00am time periods at Ventura and Fallbrook
163	SF	SHERMAN WAY - HOLLYWOOD	Add 1 eastbound trip in the 7:20 - 7:40am time period at Sherman Way & Sepulveda and a total of 5 westbound trips in the 6:25 - 6:45, 6:57 - 8:04 and 8:32 - 8:52 am time periods at Sherman Way and Sepulveda
163	SF	SHERMAN WAY - HOLLYWOOD	Add 1 eastbound trip in the 3:24 - 3:43pm, 3:44 - 4:05pm, 4:42 - 5:01pm, 5:02 - 5:29pm and 5:32 - 5:52pm time periods at Sherman Way and Sepulveda, Add 1 westbound trip in the 3:20 - 3:40pm, 3:59 - 4:24pm and 4:28 - 4:49pm time periods at Sherman Way and Sepulveda (8 trips added)
164-165	SF	VANOWEN-VICTORY-BURBANK	Add 1 westbound trip in the 7:13 - 7:32am, 7:33 - 7:57am time period at Vanowen & Balboa Add 1 eastbound trip in the 3:18 - 3:38pm, 4:01 - 4:21pm, 4:33 - 4:53pm & 5:24 - 5:44 pm time periods at Victory & Van Nuys
166	SF	NORDHOFF ST.-LANKERSHIM BLVD.	Add 1 westbound trip in the 7:18 - 7:38am and 8:03 - 8:23am time period at Nordhoff & Balboa
166	SF	NORDHOFF ST.-LANKERSHIM BLVD.	Add 1 eastbound trip in the 3:50 - 4:10pm, 4:19 - 4:39pm, 4:40 - 4:51pm & 5:32 - 5:57 pm time periods at Nordhoff & Balboa (4 trips added)
167	SF		Add 2 A.M. trips and 3 P.M. trips.
175	SG	FOUNTAIN AVE.-TALMADGE ST.-HYPERION AVE.	Enhance service by adding 4 peak trips.
180-181	SG	HOLLYWOOD-GLENDALE-PASADENA	Add 6 peak trips.
200	GW	ALVARADO ST.-ECHO PARK AVE.	Add 6 A.M. and 6 P.M. trips to improve service quality

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Line-Route	Sector	Corridor	Description of Change
206	SB	NORMANDIE AVE.	Add thirteen PM trips to improve service quality
207-357	SB	WESTERN AVE.	Add four AM & thirteen PM trips to improve service quality
210-310	SB	VINE-CRENSHAW	Add eleven PM trips to improve service quality
211-215	SB	PRAIRIE AVE.-INGLEWOOD AVE.	Add three AM trips to improve service quality
212	SB	LA BREA AVE. - HAWTHORNE GREEN LINE STA	Add five AM & four PM trips to improve service quality
217	W	HOLLYWOOD - FAIRFAX	Add 4 AM and 8 PM trips.
230-239	SF	LAUREL CANYON-WHITE OAK-ZELZAH-RINALDI	Add 1 northbound trip in the 3:38 - 3:57pm, 3:57 - 4:24pm, 4:43 - 5:13pm, and 5:25 - 5:45pm time periods at Laurel & Victory
232	SB	LONG BEACH - LAX	Add 6 A.M. trips and 7 P.M. trips to comply with Consent Decree Load Factors.
234-183	SF	SEPULVEDA BL-MAGNOLIA BL-KENNETH ROAD	Add 1 northbound trip in the 6:43 - 7:03am and 7:04 - 7:20am time periods at Sepulveda & Parthenia
234-183	SF	SEPULVEDA BL-MAGNOLIA BL-KENNETH ROAD	Add 1 southbound trip in the 7:10 - 7:29ama and 7:30 - 7:46am time periods at Sepulveda & Parthenia
234-183	SF	SEPULVEDA BL-MAGNOLIA BL-KENNETH ROAD	Add 1 northbound trip in the 3:10 - 3:39, 4:09 - 4:37pm & 4:48 - 5:08pm time periods and 1 southbound trip in the 3:28 - 3:48pm & 3:48 - 4:07pm time periods at Sepulveda & Parthenia (5 trips added)
243	SF	DE SOTO AVE.-VENTURA BLVD.-WINNETKA AVE.	Add 1 northbound trip in the 7:02- 7:22am & 7:31 - 7:51 time period at Balboa & Vanowen
243	SF	DE SOTO AVE.-VENTURA BLVD.-WINNETKA AVE.	Establish new Saturday Service over the entire Route of Line 243. Service will be provided on a 1 hour headway and will have a 12 hour span of service.
251-252	SG	SOTO ST.-DALY ST.-CALIFORNIA AVE.	Add 16 trips where necessary.
260	SB	ARTESIA STA.-PASADENA-ALTADENA- VIA ATLANTIC	Add 3 trips.
266	SG	LAKWOOD BL. - ROSEMEAD BL.	Additional midday and night service.
268	SG	WASHINGTON BLVD.-BALDWIN AVE.	Add one trip to improve service.
268	SG	WASHINGTON BLVD.-BALDWIN AVE.	Extend weekday mid-day trippers as well as SA, SU in/out JPL
434	W	LOS ANGELES-SANTA MONICA-MALIBU-TRANCAS EXP.	Add 4 AM and 8 PM peak trips to improve service quality.
444	SB	L.A.-W. TORRANCE-ROLLING HILLS	Add three AM trips to improve service quality
446-447	SB	LOS ANGELES-CARSON-WILMINGTON-SAN PEDRO EXP.	Add three AM trips to improve service quality
484	SG	L.A.-EL MONTE-LA PUENTE-POMONA	Add 2 trips to improve service quality

# Highlights of June 2003 Service Change

Line-Route	Sector	Corridor	Description of Change
485	SG	LOS ANGELES-PASADENA-ALTADENA	Increase service levels on Line 485 to accommodate passenger loads on Freemont Av. the El Monte Bus Way.
487-491	SG	L.A.-SAN GABRIEL-EL MONTE-SIERRA MADRE	Add necessary trips to improve service quality.
487-491	SG	L.A.-SAN GABRIEL-EL MONTE-SIERRA MADRE	Improve mid-day DX and SA, SU headways to 45 min.
620	SG	BOYLE HEIGHTS SHUTTLE	Add 2 trips to improve service.
720	W	WILSHIRE - WHITTIER METRO RAPID	Add 6 AM and 8 PM trips to improve service reliability.
750	SF	VENTURA BLVD. METRO RAPID	Add 1 westbound trip in the 6:09 - 6:34am, 6:44 - 7:04am, 7:04 - 7:24am, 7:24 - 7:44am, 7:44 - 8:04am, 8:04 - 8:24am, 8:24 - 8:44am, and 1 eastbound trip in the 8:08 - 8:29am time periods at Ventura and Vineland
750	SF	VENTURA BLVD. METRO RAPID	Add 1 westbound trip in the 3:27 - 3:47pm, 3:48 - 4:08pm, 4:10 - 4:29pm, 4:30 - 4:50pm, 5:02 - 5:23pm, 5:24 - 5:43pm, 5:24 - 5:51pm time periods at Ventura and Vineland
<b>Special Services - Hollywood Bowl and Santa Anita and Hollywood Park Race Tracks</b>			
600-163	SF	SHERMAN WAY - HOLLYWOOD Bowl	Activate seasonal service
653-651	SF	Hollywood Bowl	Activate seasonal service
657	SB	Hollywood Bowl	Activate seasonal service
40	SG	Hollywood park race track	Activate seasonal service
79 (379)	SG	Santa Anita race track	Activate seasonal service
212	SB	Hollywood park race track	Activate seasonal service
<b>8 Route Change to Serve Metro Gold Line</b>			
58	GW	Alameda-Los Angeles Sts.	Modify route to serve China Town Gold Line Station
176	SG	GLASSELL PK-HLND PK-ALHAMBRA-EL MONTE	Re-route portion of route to serve Ave. 57 Station as part of Metro Gold Line Interface Plan.
177	SG	LA CANADA - PASADENA - DUARTE - MONROVIA	Modify route to serve Del Mar Blvd. And Allen Ave Gold line station.
180-181	SG	HOLLYWOOD-GLENDALE-PASADENA	Extend Route 181 to Sierra Madre Villa Station as part of Metro Gold Line Interface Plan.
264	SG	SAN GABRIEL BLVD.-ALTADENA DR.	Re-route line to replace existing Line 188 service to City of Hope from Sierra Madre Villa Station.

# Highlights of June 2003 Service Change

Line-Route	Sector	Corridor	Description of Change
266	SG		Modify route to serve Sierra Madre Villa Gold Line Station.
267	SG	TEMPLE CITY BLVD.-DEL MAR BLVD.-LINCOLN AVE.	Change route to service Sierra Madre Villa Station on Foothill Bl. and retie schedules.
268	SG	WASHINGTON BLVD.-BALDWIN AVE.	Change route to service Sierra Madre Villa Station and Enhance trip times accordingly
<b>Extended Routes Coverage on 2 bus Routes</b>			
487-491	SG	L.A.-SAN GABRIEL-EL MONTE-SIERRA MADRE	Extend all trips to new terminal @ Wilshire & Westlake
117	SB	CENTURY BLVD.-TWEEDY BLVD.-RANCHO LOS AMIGOS	Extend route to Lakewood Green Line Station as proposed.
<b>Various Operational Route Changes ON 8 Bus routes</b>			
78-79	SG	L.A.-ALHAMBRA-SO. ARCADIA-ARCADIA	Change Route 79 inside the Santa Anita Westfield Shoppingtown
120-121	SB	IMPERIAL HWY - LAX	Change west terminal from LAX Transit Center to Aviation Station due to duplication of service.
236	SF	BALBOA BLVD - WOODLEY AVE	Restructure route of Line 236 to travel north of Rinaldi St. via Balboa Blvd., Foothill, Glencloaks and Hubbard to Sylmar Metrolink Station.
264	SG	SAN GABRIEL BLVD.-ALTADENA DR.	Implement route changes inside the Santa Anita Westfield Shoppingtown to serve new Transit Center.
268	SG	WASHINGTON BLVD.-BALDWIN AVE.	Implement route changes inside the Santa Anita Westfield Shoppingtown to serve new Transit Center.
418	SF	LOS ANGELES - ROSCOE BLVD. EXPRESS	Consider rerouting all trips to serve the North Hollywood Metro Red Line Station via Roscoe Blvd, Laurel Cyn Blvd, Burbank Blvd., Lankershim Blvd. South Chandler Blvd., Fair Dr. and into North Hollywood Metro Red Line Station. Cancel downtown express segment via -5- Golden St. Freeway. Eliminate selected bus stops to provide a faster operation along Roscoe Blvd.
426	SF	WILSHIRE DISTRICT - HOLLYWOOD - VICTORY BLVD	Consider rerouting all trips to serve North Hollywood Metro Red Line Station via Sherman Way, Van Nuys , Victory, Laurel Cyn, Oxnard, Lankershim, South Chandler Blvd., Fair Ave. and into Metro Red Line Station. Cancel segment between North Hollywood Metro Red Line Station and Wilshire Western Red Line Station.
720	W	WILSHIRE - WHITTIER METRO RAPID	implement new shortline at Maple Lot

# Highlights of June 2003 Service Change

Line-Route	Sector	Corridor	Description of Change
<b>Service Reduction/Cancellation on 10 Bus Routes</b>			
92-93-410	SF	LOS ANGELES-GLENDALE-BURBANK-SAN FERNANDO	Modify schedules to reflect the cancellation of Route 93 service along Alessandro St between Glendale Blvd. and Riverside Drive. And Riverside Drive between Alessandro St. and Glendale Blvd.
92-93-410	SF	LOS ANGELES-GLENDALE-BURBANK-SAN FERNANDO	Modify schedules to reflect the cancellation of service on Brand Blvd. between Glenoaks Blvd. and Mountain St.
92-93-410	SF	LOS ANGELES-GLENDALE-BURBANK-SAN FERNANDO	Modify schedules to reflect the cancellation of Route 410 trips and reallocate buses and revenue hours based upon passenger demand.
112	SB	FLORENCE AVE. - OTIS ST.	Cancel route as part of Gateway Restructuring Program.
119-126	SB	108TH ST. - MANHATTAN BEACH BLVD.	Cancel service east of 103rd St. Blue Line Station as part of Gateway Restructuring Program.
188	SG	NO. FAIR OAKS AVE.-COLORADO BLVD.-DUARTE RD.	Route portion along Fair Oaks Ave. will be integrated with Line 260; portion along Colorado Blvd. with Line 181; the rest with Line 264
214	GW		Cancel midday service due to low productivity
311	SB	LAX-FLORENCE AVE.-LEFFINGWELL RD.	Cancel limited route 311 to be replaced by Rapid 711.
401	SG	LOS ANGELES-PASADENA-NORTH ALLEN EXPRESS	Cancel line.
483-485	SG	LOS ANGELES-PASADENA-ALTADENA	Cancel line 483.
561	SF	GREEN LINE-LAX-VAN NUYS BLVD LIMITED EXPRESS	Cancel Segment Between Veteran's Building and Aviation Metro Green Line Station. Continue to operate underlying local service via Route 233 between Eldridge/Terra Bella & Moorpark/Van Nuys terminal.
631	SB	Green line shuttle	Cancel line due to low productivity