

March 2010 Bus Service Reduction Strategies

**Estrategias de Reducción al
Servicio de Autobuses Para Marzo 2010**

*See inside for details
and comment card.*

*Vea el interior para detalles y
tarjeta de comentarios.*



OCTA Orange County Transportation Authority

www.octa.net/marchchange

What You Should Know

WHY OCTA NEEDS TO REDUCE BUS SERVICE

Due to the loss of state funding and declining sales tax revenue, OCTA is making significant reductions to bus service. All routes throughout the system may be affected.

Unfortunately, sales tax revenues and bus fare revenues are continuing to fall short of original projections. While prior service cuts (including approximately 100,000 service hours in September 2009) have reduced expenses, OCTA will need to cut additional service hours in March 2010 to offset the revenue shortfall. OCTA's goal is to serve the greatest number of passengers and provide the most efficient bus service possible within ever more limited resources.

HOW SERVICE WILL BE REDUCED IN MARCH 2010

At this time no decisions have been made about which bus routes, and to what extent, service will be reduced in March 2010. OCTA has identified several service reduction strategies and is in the process of gathering public input to help develop final recommendations for OCTA Board of Directors' consideration.

WHAT INFORMATION IS AVAILABLE

This brochure provides detailed information based on the service reduction strategies and concepts. To help you better understand the information, we have included a guide titled "Five Basic Service Reduction Techniques". This explains the terminology used and gives illustrated examples.

HOW TO PROVIDE COMMENTS

A comment card is included and can be mailed to OCTA at the address indicated (no postage needed) or visit www.octa.net/march2010feedback to provide your comments online. Your input is important to us and we welcome your feedback.

OCTA also invites you to attend a **Public Hearing scheduled for Monday, October 26 at 9:00 a.m. at the OCTA Headquarters located at 600 South Main Street in Orange.** The final March 2010 service reductions may be approved by the OCTA Board of Directors on November 23, 2009.

Lo Que Usted Necesita Saber

PORQUÉ OCTA NECESITA HACER REDUCCIÓN AL SERVICIO DE AUTOBUSES

Debido a la pérdida de la financiación estatal y a la disminución de la recaudación de impuestos sobre las ventas, OCTA realizará reducciones significativas al servicio de autobuses. Todas las rutas del sistema podrán verse afectadas.

Desafortunadamente, el presupuesto esperado proveniente de las ventas fiscales y las tarifas del autobús se mantienen por debajo de las proyecciones originales. A pesar que la reducción anterior al servicio (incluyendo aproximadamente 100,000 horas de servicio en Septiembre del 2009) ha reducido gastos, OCTA tendrá que conducir reducciones adicionales a las horas de servicio de Marzo del 2010 para compensar el déficit de ingresos. El objetivo de OCTA es ofrecer un servicio de autobús con eficiencia y calidad que esté al acanze del mayor número de pasajeros a pesar de la disminución de recursos que ocurre continuamente.

CÓMO SE REDUCIRÁ EL SERVICIO DE AUTOBUSES EN MARZO DEL 2010

En este momento no se han tomado decisiones sobre qué rutas y en qué medida el servicio de autobús será reducido en Marzo del 2010. OCTA ha identificado varias estrategias de reducción de servicio y se encuentra en el proceso de recopilación de opiniones del público para ayudar a desarrollar las recomendaciones finales que serán presentadas a la Junta de Directores de OCTA para su consideración.

QUÉ INFORMACIÓN HAY DISPONIBLE

Este folleto contiene información detallada sobre las estrategias básicas de reducción de servicio y sus conceptos. Para ayudarle a comprender mejor la información, hemos incluido una guía titulada "Cinco Técnicas Básicas Para la Reducción de Servicio". Esta explica la terminología y da ejemplos ilustrados.

CÓMO PROVEER COMENTARIOS

Una tarjeta de comentarios está incluida y puede ser enviada a OCTA a dirección indicada (no necesita franqueo) o visite www.octa.net/march2010feedback para proveer sus comentarios en línea. Su opinión es importante para nosotros y agradecemos sus comentarios.

OCTA le invita a asistir a la **audiencia pública que se llevará a cabo el Lunes 26 de Octubre a las 9:00 a.m. en la oficina de OCTA ubicada en el 600 South Main Street en Orange.** Las reducciones finales del servicio de Marzo del 2010 pueden ser aprobadas por la Junta de Directores de OCTA el 23 de Noviembre del 2009.

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Five Basic Service Reduction Techniques

1. Make Selected Trip Reductions

a) Span Reductions

- Hours of operation change
- Schedule starts later and/or ends earlier
- Impact is to the earliest and/or latest trips of the day
- Span reductions can be made on weekdays or weekends

b) Non-Span Reductions

- Eliminate individual selected trips
- Could occur on weekdays or weekends
- Does not affect hours of operation

Early trips eliminated

Hours of operation change

Late trips eliminated

WEEKDAY OR WEEKEND SCHEDULE				
W	X	Y	Z	
AVENUE	AVENUE	AVENUE	AVENUE	
4:55	5:02	5:09	5:19	
5:30	5:40	5:52	6:01	
6:00	6:10	6:19	6:30	
6:30	6:40	6:54	7:05	
7:00	7:10	7:18	7:30	
7:30	7:40	7:50	8:00	
8:00	8:10	8:19	8:30	
8:30	8:40	8:50	9:00	
9:00	9:10	9:19	9:30	
9:30	9:40	9:50	10:00	
10:00	10:10	10:19	10:28	
10:30	10:40	10:50	11:02	
11:00	11:10	11:19	11:28	
12:00	12:10	12:19	12:28	
12:30	12:40	12:50	1:03	
1:00	1:10	1:18	1:30	
2:00	2:10	2:20	2:30	
3:00	3:10	3:20	3:28	
3:30	3:40	3:52	4:00	
4:00	4:10	4:18	4:25	
4:30	4:40	4:50	5:01	
5:00	5:10	5:19	5:30	
5:30	5:40	5:50	6:00	
6:00	6:10	6:19	6:30	
7:00	7:08	7:18	7:30	
7:30	7:42	7:52	8:02	

Represents an example of eliminated trips

Selected trip reductions exclusive of first and last trips

WEEKDAY OR WEEKEND SCHEDULE				
W	X	Y	Z	
AVENUE	AVENUE	AVENUE	AVENUE	
4:55	5:02	5:09	5:19	
5:30	5:40	5:52	6:01	
6:00	6:10	6:19	6:30	
6:30	6:40	6:54	7:05	
7:00	7:10	7:18	7:30	
7:30	7:40	7:50	8:00	
8:00	8:10	8:19	8:30	
8:30	8:40	8:50	9:00	
9:00	9:10	9:19	9:30	
9:30	9:40	9:50	10:00	
10:00	10:10	10:19	10:28	
10:30	10:40	10:50	11:02	
11:00	11:10	11:19	11:28	
12:00	12:10	12:19	12:28	
12:30	12:40	12:50	1:03	
1:00	1:10	1:18	1:30	
2:00	2:10	2:20	2:30	
3:00	3:10	3:20	3:28	
3:30	3:40	3:52	4:00	
4:00	4:10	4:18	4:25	
4:30	4:40	4:50	5:01	
5:00	5:10	5:19	5:30	
5:30	5:40	5:50	6:00	
6:00	6:10	6:19	6:30	
7:00	7:08	7:18	7:30	
7:30	7:42	7:52	8:02	

Represents an example of eliminated trips

2. Reduce Frequency (Headway Changes)

- Headway widening increases wait time between buses
- Increases time interval between buses
- Often reduces number of buses required
- Could occur on weekdays or weekends
- Could occur during peak or off-peak times*

Reduced frequency increases wait time between buses.

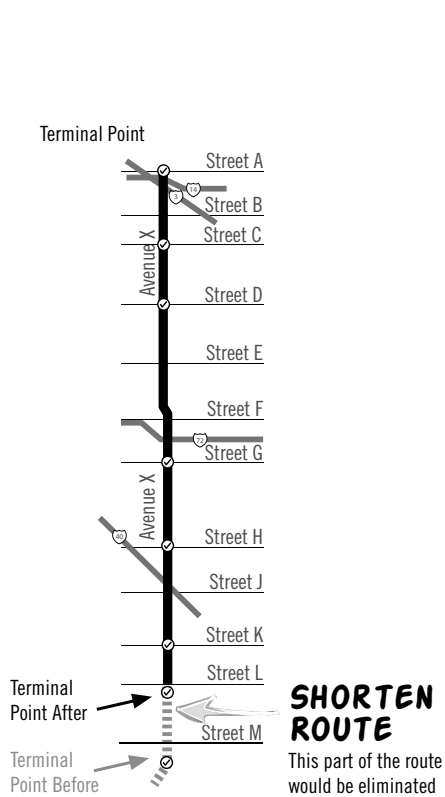
For example, during peak hours service runs every 30 minutes and midday off-peak every 60 minutes.

ROUTE X SCHEDULE WEEKDAY				
W	X	Y	Z	
AVENUE	AVENUE	AVENUE	AVENUE	
4:55	5:02	5:09	5:19	
5:30	5:40	5:52	6:01	
6:00	6:10	6:19	6:30	
6:30	6:40	6:54	7:05	
7:00	7:10	7:18	7:30	
7:30	7:40	7:50	8:00	
8:00	8:10	8:19	8:30	
8:30	8:40	8:50	9:00	
9:00	9:10	9:19	9:30	
10:00	10:10	10:19	10:28	
11:00	11:10	11:19	11:28	
12:00	12:10	12:19	12:28	
1:00	1:10	1:18	1:30	
2:00	2:10	2:20	2:30	
3:00	3:10	3:20	3:28	
3:30	3:40	3:52	4:00	
4:00	4:10	4:18	4:25	
4:30	4:40	4:50	5:01	
5:00	5:10	5:19	5:30	
5:30	5:40	5:50	6:00	
6:00	6:10	6:19	6:30	
7:00	7:08	7:18	7:30	
7:30	7:42	7:52	8:02	

*Note: all weekend service is considered off-peak

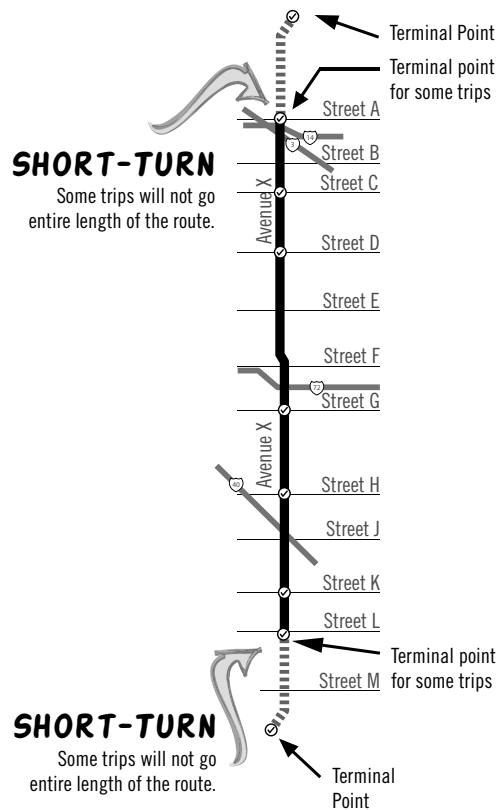
3. Shorten Entire Route

- Change Terminal Point
- Eliminate service on the least used route segments (shorten entire route)
- The bus route length would be shorter
- Lowest ridership of route end would be cut



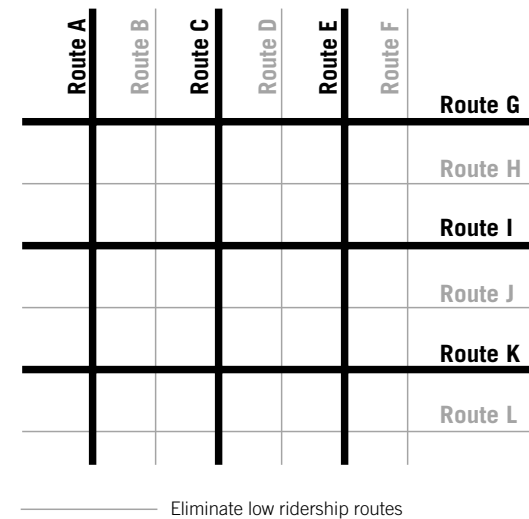
4. Make Short Turns

- Reduce service on selected trips
- Not all buses would travel the entire length of a route all the time



5. Eliminate Routes

- Reduce coverage in areas with high density of service (core areas)
- Re-space less used parallel routes; discontinue routes
- Eliminate routes with lowest ridership



Cinco Técnicas Básicas Para la Reducción de Servicio

1. Haga Reducciones Seleccionadas Por Viaje

a) Reducciones de Recorridos que afectan la amplitud del horario de servicio

- Cambio en el horario de servicio
- El horario comienza más tarde y/o termina mas temprano
- El impacto es para los viajes más tempranos y/o a los últimos del día
- Las reducciones de recorridos pueden ser entre semana o los fines de semana

b) Reducciones de Recorridos que no afectan la amplitud del horario de servicio

- Eliminación de ciertos viajes individuales
- Podría ocurrir entre semana o los fines de semana
- No afecta las horas de servicio

2. Reducciones de Frecuencia (Cambios de Avanze)

- Aumento en el tiempo de espera entre los autobuses
- Aumenta el tiempo entre los autobuses
- Puede reducir el número de autobuses requeridos
- Podría ocurrir entre semana o los fines de semana
- Podría ocurrir durante horas pico o de temporada baja

ENTRE SEMANA O FINES DE SEMANA				
	AVENIDA W	AVENIDA X	AVENIDA Y	AVENIDA Z
	4:55	5:02	5:09	5:19
	5:30	5:40	5:52	6:01
	6:00	6:10	6:19	6:30
	6:30	6:40	6:54	7:05
	7:00	7:10	7:18	7:30
	7:30	7:40	7:50	8:00
	8:00	8:10	8:19	8:30
	8:30	8:40	8:50	9:00
	9:00	9:10	9:19	9:30
	9:30	9:40	9:50	10:00
	10:00	10:10	10:19	10:28
	10:30	10:40	10:50	11:02
	11:00	11:10	11:19	11:28
	12:00	12:10	12:19	12:28
	12:30	12:40	12:50	1:03
	1:00	1:10	1:18	1:30
	2:00	2:10	2:20	2:30
	3:00	3:10	3:20	3:28
	3:30	3:40	3:52	4:00
	4:00	4:10	4:18	4:25
	4:30	4:40	4:50	5:01
	5:00	5:10	5:19	5:30
	5:30	5:40	5:50	6:00
	6:00	6:10	6:19	6:30
	7:00	7:08	7:18	7:30
	7:30	7:42	7:52	8:02

Eliminar los viajes tempranos

Cambio en el horario de servicio

Eliminar los últimos viajes

Representa un ejemplo de viajes eliminados

SEMANA O FINES DE SEMANA				
	AVENIDA W	AVENIDA X	AVENIDA Y	AVENIDA Z
	4:55	5:02	5:09	5:19
	5:30	5:40	5:52	6:01
	6:00	6:10	6:19	6:30
	6:30	6:40	6:54	7:05
	7:00	7:10	7:18	7:30
	7:30	7:40	7:50	8:00
	8:00	8:10	8:19	8:30
	8:30	8:40	8:50	9:00
	9:00	9:10	9:19	9:30
	9:30	9:40	9:50	10:00
	10:00	10:10	10:19	10:28
	10:30	10:40	10:50	11:02
	11:00	11:10	11:19	11:28
	12:00	12:10	12:19	12:28
	12:30	12:40	12:50	1:03
	1:00	1:10	1:18	1:30
	2:00	2:10	2:20	2:30
	3:00	3:10	3:20	3:28
	3:30	3:40	3:52	4:00
	4:00	4:10	4:18	4:25
	4:30	4:40	4:50	5:01
	5:00	5:10	5:19	5:30
	5:30	5:40	5:50	6:00
	6:00	6:10	6:19	6:30
	7:00	7:08	7:18	7:30
	7:30	7:42	7:52	8:02

Reducciones seleccionadas excluyendo a los primeros y últimos viajes

Representa un ejemplo de viajes eliminados

Representa un ejemplo de viajes eliminados

HORARIO RUTA X DURANTE LA SEMANA				
	AVENIDA W	AVENIDA X	AVENIDA Y	AVENIDA Z
	4:55	5:02	5:09	5:19
	5:30	5:40	5:52	6:01
	6:00	6:10	6:19	6:30
	6:30	6:40	6:54	7:05
	7:00	7:10	7:18	7:30
	8:00	8:10	8:19	8:30
	8:30	8:40	8:50	9:00
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	3:30	3:40	3:52	4:00
	4:00	4:10	4:18	4:25
	4:30	4:40	4:50	5:01
	5:00	5:10	5:19	5:30
	5:30	5:40	5:50	6:00
	6:00	6:10	6:19	6:30
	7:00	7:08	7:18	7:30
	7:30	7:42	7:52	8:02

TEMPORADA BAJA

(MEDIO DIA) TEMPORADA BAJA

TEMPORADA BAJA

PICO 6AM-9AM

PICO 3PM-6PM

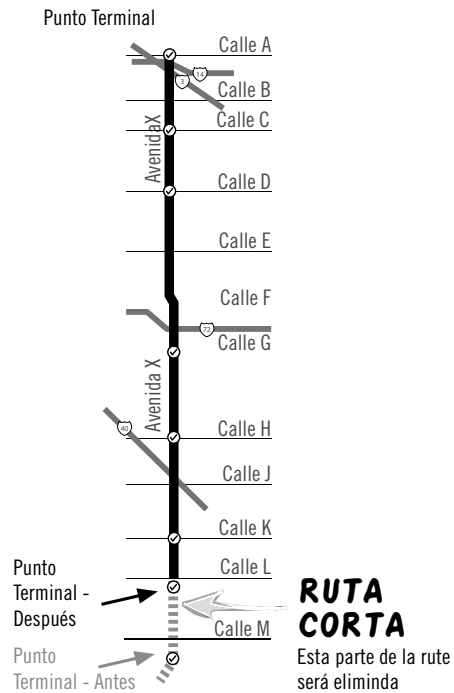
La reducción de frecuencia aumenta el tiempo de espera entre los autobuses.

Por ejemplo, durante horas pico el servicio funciona cada 30 minutos y durante el mediodía cambia a cada 60 minutos.

*Nota: todo el servicio del fin de semana se considera temporada baja

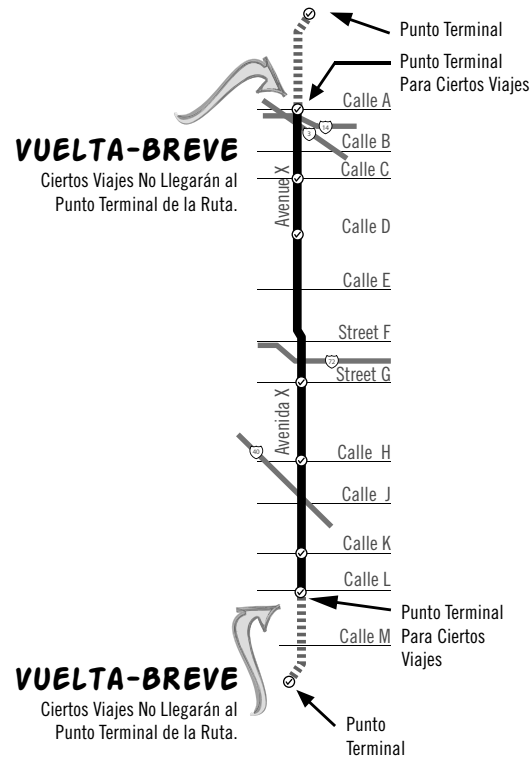
3. Acorta la Ruta Entera

- Cambio el punto terminal
- Elimina el servicio en los segmentos menos usados de la ruta (acorta la ruta entera)
- La longitud de la ruta del autobús sería más corta
- El extremo de la ruta con el número de usuarios más bajo sería cortado



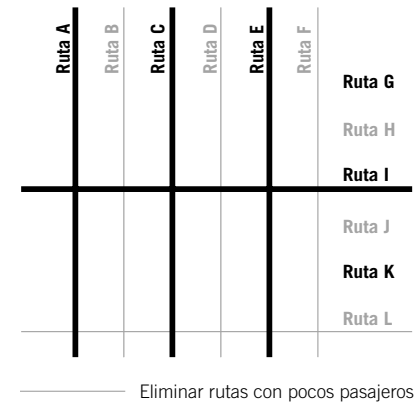
4. Haze Breve Vueltas

- Reduzca el servicio en viajes seleccionados
- Algunos autobuses no recorrerán todo el tramo de la ruta todas las veces



5. Rutas Eliminadas

- Reduze la cobertura en áreas con la más alta densidad de servicio (las áreas de base)
- Rutas menos usadas del paralelo; discontinuar las rutas
- Elimine las rutas con el número de usuarios del transporte público más bajo



Strategy: A Preserve Service on Core Routes

**Estrategia: A
Preservar Las Rutas Más Utilizadas**

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
1	Long Beach to San Clemente -- Pacific Coast Highway	No Change	No Change	No Change	No Change	No Change	No Change	No
20	La Habra to Yorba Linda -- Imperial	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
21	Fullerton to Huntington Beach -- Valley View / Bolsa Chica	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
24 ^a	Fullerton to Orange -- Malvern / Chapman / Tustin	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
25	Fullerton to Huntington Beach -- Knott / Golden West	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
26	Fullerton to Yorba Linda -- Commonwealth / Yorba Linda	No Change	No Change	No Change	No Change	No Change	No Change	No
29 ^a	Brea to Huntington Beach -- La Habra / Beach	No Change	No Change	No Change	No Change	No Change	No Change	No
30	Cerritos to Anaheim -- Orangethorpe	No Change	No Change	No Change	No Change	No Change	No Change	No
33	Fullerton to Huntington Beach -- Magnolia	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
35	Fullerton to Huntington Beach -- Brookhurst	No Change	No Change	No Change	No Change	No Change	No Change	No
37	La Habra to Fountain Valley -- Euclid	No Change	No Change	No Change	No Change	No Change	No Change	No
38	Lakewood to Anaheim Hills -- La Palma	No Change	No Change	No Change	No Change	No Change	No Change	No
42	Seal Beach to Orange -- Seal Beach / Los Alamitos / Lincoln	No Change	No Change	No Change	No Change	No Change	No Change	No
43 ^a	La Habra to Costa Mesa -- Whittier / Harbor	No Change	No Change	No Change	No Change	No Change	No Change	Yes
43	OWL Service-La Habra to Costa Mesa -- Whittier / Harbor	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
46	Los Alamitos to Orange -- Ball / Taft	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
47 ^a	Brea to Newport Beach -- Brea / Anaheim / Fairview	No Change	No Change	No Change	No Change	No Change	No Change	No
50	Long Beach to Katella -- Katella	No Change	No Change	No Change	No Change	No Change	No Change	Yes
50	OWL Service-Long Beach to Katella -- Katella	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
51	Santa Ana to Costa Mesa -- Flower	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
53 ^a	Brea to Irvine -- Main	No Change	No Change	No Change	No Change	No Change	No Change	No
54	Garden Grove to Orange -- Chapman	No Change	No Change	No Change	No Change	No Change	No Change	No
55	Santa Ana to Newport Beach -- Standard / Bristol / Fairview / 17th	No Change	No Change	No Change	No Change	No Change	No Change	No
56	Garden Grove to Orange -- Garden Grove	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
57 ^a	Brea to Newport Beach -- State College / Bristol	No Change	No Change	No Change	No Change	No Change	No Change	Yes
57	OWL Service-Brea to Newport Beach -- State College / Bristol	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes

a. These routes may be restructured as described in Strategy C

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
59 ^a	Brea to Irvine -- Kraemer / Glassell / Grand / Von Karman	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
60	Long Beach to Tustin -- 7th / Westminster / 17th	No Change	No Change	No Change	No Change	No Change	No Change	Yes
60	OWL Service-Long Beach to Tustin -- 7th / Westminster / 17th	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
62	Huntington Beach to Santa Ana -- Goldenwest / Hazard / Santa Ana	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
64	Huntington Beach to Tustin -- Bolsa / 1st	No Change	No Change	No Change	No Change	No Change	No Change	No
66	Huntington Beach to Irvine -- McFadden / Walnut	No Change	No Change	No Change	No Change	No Change	No Change	No
70 ^a	Sunset Beach to Dana Point -- Edinger / Irvine Center / Moulton / Golden Lantern	No Change	No Change	No Change	No Change	No Change	No Change	No
71	Yorba Linda to Balboa -- Tustin / Red Hill / Newport	No Change	No Change	No Change	No Change	No Change	No Change	No
72	Sunset Beach to Tustin -- Warner	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
74	Fountain Valley to Irvine -- Segerstrom / Dyer / Barranca	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
75	Tustin to Newport Beach -- Harvard / Jamboree	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
76	Huntington Beach to Newport Beach -- Talbert / MacArthur	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
79	Tustin to Newport Beach -- Irvine / Culver / University	No Change	No Change	No Change	No Change	No Change	No Change	No
82	Foothill Ranch to Laguna Niguel -- Portola / Santa Margarita / Antonio / Crown Valley	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
83	Anaheim to Laguna Hills -- 5 Fwy / Main	No Change	No Change	No Change	No Change	No Change	No Change	No
85	Mission Viejo to Dana Point -- Marguerite / Crown Valley	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
86	Costa Mesa to Mission Viejo -- Alton / Jeronimo	Eliminate Route	Eliminate Route	Not Applicable	Eliminate Route	Eliminate Route	Not Applicable	Yes
87	Rancho Santa Margarita to Laguna Niguel -- Alicia	Eliminate Route	Eliminate Route	Not Applicable	Eliminate Route	Eliminate Route	Not Applicable	Yes
89	Mission Viejo to Laguna Beach -- El Toro / Laguna Canyon	No Change	No Change	No Change	No Change	No Change	No Change	No
91	Laguna Hills to San Clemente -- Valencia / Capistrano / Del Obispo	No Change	No Change	No Change	No Change	No Change	No Change	No
131	Yorba Linda to Orange -- Lakeview / Riverdale / Tustin	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
145	Santa Ana to Costa Mesa -- Raitt / Greenville / Fairview	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes

a. These routes may be restructured as described in Strategy C

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
147	Brea to Santa Ana -- Birch / Brea / Harbor / Raymond / Haster / La Veta	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
164	Seal Beach to Westminster -- Seal Beach / Lampson / Edwards	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
167 ^a	Anaheim to Irvine -- Tustin / Hewes / Bryan	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
172	Huntington Beach to Costa Mesa -- Main / Garfield / Ellis / MacArthur / Sunflower	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
173	Huntington Beach to Costa Mesa -- Atlanta / Hamilton / Victoria / Orange / Fair / Bear	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
175	Irvine -- Yale / Campus	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
177	Foothill Ranch to Laguna Hills -- Lake Forest / Muirlands / Los Alisos	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
178	Huntington Beach to Irvine -- Adams / Birch / Campus	No Change	No Change	Not Applicable	No Change	No Change	Not Applicable	No
187	Laguna Hills to Dana Point -- El Toro / Aliso Creek / Niguel	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
188	Laguna Hills to Irvine -- Moulton / Irvine Center / Alton / Ridge Route	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
191	Mission Viejo to San Clemente -- Rancho Viejo / Camino Capistrano / El Camino	No Change	No Change	No Change	No Change	No Change	No Change	No
193	Dana Point to San Clemente -- los Mares / Vera Cruz / Pico	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
206	Santa Ana to Lake Forest Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
211	Seal Beach to Irvine Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
212	Irvine to San Juan Capistrano Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
213	Brea to Irvine Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
216	San Juan Capistrano to Costa Mesa Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
410	Anaheim Canyon Station to Anaheim Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
411	Anaheim Canyon Station to Canyon Corporate Center Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
430	Anaheim Station to Anaheim Resort Area Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
453	Orange Station to St. Joseph's Hospital Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
454	Orange Station to Garden Grove Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No

a. These routes may be restructured as described in Strategy C

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
462	Santa Ana Station to Santa Ana Civic Center Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
463	Santa Ana Station to Hutton Center Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
464	Santa Ana Station to Costa Mesa Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
472	Tustin Station to Irvine Business Complex Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
473	Tustin Station to U. C. Irvine Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
480	Irvine Station to Lake Forest Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
482	Irvine Station to Irvine Center & Discovery Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
490	Laguna Niguel Station to Aliso Viejo Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
693	San Clemente -- Pico / La Pedriza	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
701	Huntington Beach to Los Angeles Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
721	Fullerton to Los Angeles Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
757	Pomona to Santa Ana Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
758	Chino to Irvine Spectrum Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
794	Riverside / Corona to South Coast Metro Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No

Strategy: B
Reduce Service Proportionally
System-Wide

Estrategia: B
Reducir Servicio Proporcionalmente
al Sistema en su Totalidad

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
1	Long Beach to San Clemente -- Pacific Coast Highway	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 30 to 60	Headway, 60 to 90	Headway, 60 to 90	No
20	La Habra to Yorba Linda -- Imperial	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	Yes
21	Fullerton to Huntington Beach -- Valley View / Bolsa Chica	Non-Span Trip Reduction	Not Applicable	Not Applicable	Delete 8 Midday Trips	Not Applicable	Not Applicable	Yes
24 ^a	Fullerton to Orange -- Malvern / Chapman / Tustin	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 30 to 45	Headway, 60 to 120	Headway, 60 to 120	Yes
25	Fullerton to Huntington Beach -- Knott / Golden West	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 35 to 45	Headway, 60 to 90	Headway, 60 to 90	Yes
26	Fullerton to Yorba Linda -- Commonwealth / Yorba Linda	Reduce Frequency & Span Trip Reduction	Reduce Frequency	Reduce Frequency	Headway, peak 30/60 to 40, off-peak 30/60 to 75. Delete Short Turns, Delete 1st EB AM & 1st 2 WB AM & Last EB PM.	Headway, 60 to 75	Headway, 60 to 75	No
29 ^a	Brea to Huntington Beach -- La Habra / Beach	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 18/54 to 25/45	Headway, 18/54 to 25/45	No
30	Cerritos to Anaheim -- Orangethorpe	Reduce Frequency & Span Trip Reduction	Reduce Frequency	Reduce Frequency	Headway, 30/60 to 45. Cut 1hr PM span	Headway, 60 to 90	Headway, 60 to 90	No
33	Fullerton to Huntington Beach -- Magnolia	Reduce Frequency	No Change	Span Trip Reduction	Headway, off-peak 35 to 45	No Change	Delete 6 PM NB trip (span)	Yes
35	Fullerton to Huntington Beach -- Brookhurst	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, peak 20 to 30, off-peak 30 to 40	Headway, off-peak 45 to 60	Headway, 60 to 90	No
37	La Habra to Fountain Valley -- Euclid	Reduce Frequency	No Change	Reduce Frequency	Headway, peak 20 to 30, off-peak 30 to 40	No Change	Headway, 60 to 90	No
38	Lakewood to Anaheim Hills -- La Palma	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, Peak 15/45 to 20/60, Off-peak, 20/60 to 30/60	Headway, 45 to 60	Headway, 45 to 60	No
42	Seal Beach to Orange -- Seal Beach / Los Alamitos/ Lincoln	Reduce Frequency	Reduce Frequency & Span Trip Reduction	Reduce Frequency & Span Trip Reduction	Headway, peak 18/36 to 30/90, off-peak 30/54 to 45/90	Headway, off-peak 25/50 to 40	Headway, off-peak 25/50 to 40	No
43	OWL Service-La Habra to Costa Mesa -- Whittier / Harbor	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
43 ^a	La Habra to Costa Mesa -- Whittier / Harbor	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 15 to 20	Headway, peak 18 to 25	Headway, peak 20 to 30	Yes
46	Los Alamitos to Orange -- Ball / Taft	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, peak 20 to 30/45, off-peak 30 to 60	Headway, 50 to 60	Headway, 50 to 60	Yes
47 ^a	Brea to Newport Beach -- Brea / Anaheim / Fairview	Reduce Frequency	Span Trip Reduction	Span Trip Reduction	Headway, 15/20 to 30	Delete first 4 and last 3 NB trips; delete first 4 and last 5 SB trips	Delete first 4 and last 3 NB trips; delete first 4 and last 4 SB trips	No

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
50	OWL Service-Long Beach to Katella - Katella	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
50	Long Beach to Katella -- Katella	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, peak from 20 to 30, off-peak 30 to 45	Headway, 30 to 60	Headway, 30 to 60	Yes
51	Santa Ana to Costa Mesa -- Flower	No Change	No Change	No Change	No Change	No Change	No Change	Yes
53 ^a	Brea to Irvine -- Main	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 12/36 to 15/30	Headway, 15/45 to 20/40	Headway, 15/60 to 20/60	No
54	Garden Grove to Orange -- Chapman	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 20 to 30	Headway, 30 to 60	Headway, 30 to 60	No
55	Santa Ana to Newport Beach -- Standard / Bristol / Fairview / 17th	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, off-peak from 20 to 30	Headway, off-peak 22 to 30	Headway, off-peak 22 to 30	No
56	Garden Grove to Orange -- Garden Grove	Non-Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	PM trip reductions	First 5 AM trips deleted	First 5 AM trips deleted	Yes
57	OWL Service-Brea to Newport Beach -- State College / Bristol	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
57 ^a	Brea to Newport Beach -- State College / Bristol	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, peak 12 to 10, off-peak 15 to 18	Headway, 15 to 20	Headway, 15 to 20	Yes
59 ^a	Brea to Irvine -- Kraemer / Glassell / Grand / Von Karman	Reduce Frequency & Non-Span Trip Reduction	No Change	No Change	Headway, peak 22 to 30. Delete AM/PM, early/late trips	No Change	No Change	Yes
60	Long Beach to Tustin -- 7th / Westminster / 17th	Reduce Frequency & Non-Span Trip Reduction	Reduce Frequency & Span Trip Reduction	Reduce Frequency & Span Trip Reduction	Headway; peak from 10/24 to 15/30. Delete 10 midday and 11 PM trips (non-span)	Headway, 15/30 to 20/40. Delete 2 AM (span) trips and 4 PM trips,	Headway, 15/30 to 20/40. Delete 4 AM (span) trips and 3 PM trips	Yes
60	OWL Service-Long Beach to Tustin -- 7th / Westminster / 17th	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
62	Huntington Beach to Santa Ana -- Goldenwest / Hazard / Santa Ana	Reduce Frequency	Not Applicable	Not Applicable	Headway all day, 50 to 65	Not Applicable	Not Applicable	Yes
64	Huntington Beach to Tustin -- Bolsa / 1st	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, mid-day 12 to 20	Headway, 14 to 20	Headway, off-peak 30 to 60	No
66	Huntington Beach to Irvine -- McFadden / Walnut	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 10 to 15	Headway, peak 12 to 15, off-peak 20 to 45	Headway, peak 12 to 15, off-peak 20 to 45	No
70 ^a	Sunset Beach to Dana Point -- Edinger / Irvine Center / Moulton / Golden Lantern	Reduce Frequency	Reduce Frequency & Span Trip Reduction	Reduce Frequency	Headway, 45/60 to 120 south of Edinger/Jamboree Plaza	Headway, 20 to 40. Shorten span	Headway, 60 to 120 south of Edinger/Jamboree Plaza	No
71	Yorba Linda to Balboa -- Tustin / Red Hill / Newport	Reduce Frequency & Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Headway, off-peak 35 to 70. Delete 5 trips (3 are span),	Delete first 2 and last 2 NB trips; delete second SB and last 2 SB trips	Delete first 3 and last 2 NB trips; delete first 2 and last 3 SB trips	No

a. These routes may be restructured as described in Strategy C



Orange County Transportation Authority

March 2010 Service Programs

Strategy B - Reduce Service Proportionally System Wide

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
72	Sunset Beach to Tustin -- Warner	Reduce Frequency & Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Headway, off-peak 30 to 60. Delete last 2 EB trips	Delete last EB trip	Delete first 2 and last 2 trips each direction	Yes
74	Fountain Valley to Irvine -- Segerstrom / Dyer / Barranca	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	Yes
75	Tustin to Newport Beach -- Harvard / Jamboree	Span Trip Reduction	Not Applicable	Not Applicable	Operate peak hours only	Not Applicable	Not Applicable	Yes
76	Huntington Beach to Newport Beach -- Talbert / MacArthur	Reduce Frequency	No Change	No Change	Headway, peak 35 to 45	No Change	No Change	Yes
79	Tustin to Newport Beach -- Irvine / Culver / University	Reduce Frequency	Span Trip Reduction	Span Trip Reduction	Headway, off-peak 45/60 to 90/120	Delete first 2 and last 2 trips each direction	Delete first 2 and last 2 trips each direction	No
82	Foothill Ranch to Laguna Niguel -- Portola / Santa Margarita / Antonio / Crown Valley	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Delete first 2 and last 2 EB trips; delete first and last WB trips	Delete first 2 EB trips; delete first and last WB trips	Delete first 2 EB trips; delete first and last WB trips	Yes
83	Anaheim to Laguna Hills -- 5 Fwy / Main	Reduce Frequency	Reduce Frequency	Reduce Frequency & Span Trip Reduction	Headway, 20 to 30	Headway, 30 to 60	Headway, 45 to 60. Delete first 2 and last 1 NB trips; delete last SB trip	No
85	Mission Viejo to Dana Point -- Marguerite / Crown Valley	Reduce Frequency & Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Headway, after 4 PM 35 to 60. Delete first trip and last 2 trips each direction.	Delete last NB trip; end last SB trip at Saddleback College	End last SB trip at Saddleback College	Yes
86	Costa Mesa to Mission Viejo -- Alton / Jeronimo	Span Trip Reduction	Span Trip Reduction	Not Applicable	Delete first 3 and last 2 trips each direction	Delete first 2 and last 2 EB trips; delete first 3 and last 1 WB trips	Not Applicable	Yes
87	Rancho Santa Margarita to Laguna Niguel -- Alicia	Span Trip Reduction	Span Trip Reduction	Not Applicable	Delete last SB trip	Delete first 3 and last 1 NB trips; delete first 2 and last 2 SB trips	Not Applicable	Yes
89	Mission Viejo to Laguna Beach -- El Toro / Laguna Canyon	Reduce Frequency	Span Trip Reduction	Span Trip Reduction	Headway, 30 to 50	Delete last NB and first 2 SB trips	Start first SB trip at Laguna Hills Transportation Center	No
91	Laguna Hills to San Clemente -- Valencia / Capistrano / Del Obispo	Reduce Frequency & Span Trip Reduction	Reduce Frequency	Reduce Frequency	Headway, 35 to 60. Delete 2 AM trips (1 span); 2 PM trips (non-span)	Headway, 45 to 70	Headway, 45 to 70	No
131	Yorba Linda to Orange -- Lakeview / Riverdale / Tustin	Span Trip Reduction	Not Applicable	Not Applicable	Delete 3 AM trips and 3 PM trips	Not Applicable	Not Applicable	Yes
145	Santa Ana to Costa Mesa -- Raitt / Greenville / Fairview	Non-Span Trip Reduction	Span Trip Reduction	No change	Delete 13 trips (non-span)	Delete 2 AM trips (span)	No change	Yes
147	Brea to Santa Ana -- Birch / Brea / Harbor / Raymond / Haster / La Veta	Non-Span Trip Reduction	Not Applicable	Not Applicable	Delete 1 PM trip SB (non-span)	Not Applicable	Not Applicable	Yes

a. These routes may be restructured as described in Strategy C



Orange County Transportation Authority

March 2010 Service Programs

Strategy B - Reduce Service Proportionally System Wide

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
164	Seal Beach to Westminster -- Seal Beach / Lampson / Edwards	Span and Non-Span	Not Applicable	Not Applicable	Delete 7 trips (2 AM trips and 5 PM trips)	Not Applicable	Not Applicable	Yes
167 ^a	Anaheim to Irvine -- Tustin / Hewes / Bryan	Non-Span Trip Reduction	Non-Span Trip Reduction	Non-Span Trip Reduction	Delete 6 trips between 8 AM-1 PM (non-span)	Delete 6 trips between 10 AM-5 PM (non-span)	Delete 6 trips between 10 AM-5 PM (non-span)	Yes
172	Huntington Beach to Costa Mesa -- Main / Garfield / Ellis / MacArthur / Sunflower	Non-Span Trip Reduction	Non-Span Trip Reduction	Non-Span Trip Reduction	Delete 8 mid-day trips between 10 AM-3 PM	Delete 8 mid-day trips between 10 AM-3 PM	Delete 6 mid-day trips between 10 AM-2 PM	Yes
173	Huntington Beach to Costa Mesa -- Atlanta / Hamilton / Victoria / Orange / Fair / Bear	Reduce Frequency	Not Applicable	Not Applicable	Headway, 45 to 70	Not Applicable	Not Applicable	No
175	Irvine -- Yale / Campus	Non-Span Trip Reduction	Not Applicable	Not Applicable	Delete 9 trips (non-span)	Not Applicable	Not Applicable	No
177	Foothill Ranch to Laguna Hills -- Lake Forest / Muirlands / Los Alisos	Non-Span Trip Reduction	No Change	No Change	Delete 3 mid-day trips	No change	No change	Yes
178	Huntington Beach to Irvine -- Adams / Birch / Campus	Non-Span Trip Reduction	Span Trip Reduction	Not Applicable	Delete 4 AM and 1 PM trips (non-span)	Delete 3 AM trips (span)	Not Applicable	No
187	Laguna Hills to Dana Point -- El Toro / Aliso Creek / Niguel	Span Trip Reduction	Not Applicable	Not Applicable	Delete 3 AM trips (1 span), delete 2 PM trips (non-span)	Not Applicable	Not Applicable	Yes
188	Laguna Hills to Irvine -- Moulton / Irvine Center / Alton / Ridge Route	Non-Span Trip Reduction	Not Applicable	Not Applicable	Delete 3 AM trips and 3 PM trips (non-span)	Not Applicable	Not Applicable	No
191	Mission Viejo to San Clemente -- Rancho Viejo / Camino Capistrano / El Camino	Non-Span Trip Reduction	Reduce Frequency & Span Trip Reduction	Reduce Frequency	Delete 2 AM trips and 2 PM trips (non-span)	Headway, 60 to 90. Delete 1 AM trip (span)	Headway, 60 to 90	No
193	Dana Point to San Clemente -- los Mares / Vera Cruz / Pico	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Delete first 2 round AM trips (span)	Delete first 2 round AM trips (span)	Delete first 2 round AM trips (span)	Yes
206	Santa Ana to Lake Forest Express	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
211	Seal Beach to Irvine Express	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
212	Irvine to San Juan Capistrano Express	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
213	Brea to Irvine Express	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
216	San Juan Capistrano to Costa Mesa Express	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
410	Anaheim Canyon Station to Anaheim Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
411	Anaheim Canyon Station to Canyon Corporate Center Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
430	Anaheim Station to Anaheim Resort Area Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
453	Orange Station to St. Joseph's Hospital Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No

a. These routes may be restructured as described in Strategy C



Orange County Transportation Authority

March 2010 Service Programs

Strategy B - Reduce Service Proportionally System Wide

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
454	Orange Station to Garden Grove Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
462	Santa Ana Station to Santa Ana Civic Center Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
463	Santa Ana Station to Hutton Center Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
464	Santa Ana Station to Costa Mesa Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
472	Tustin Station to Irvine Business Complex Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
473	Tustin Station to U. C. Irvine Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
480	Irvine Station to Lake Forest Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
482	Irvine Station to Irvine Center & Discovery Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
490	Laguna Niguel Station to Aliso Viejo Rail Feeder	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
693	San Clemente -- Pico / La Pedriza	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Delete first 6 AM trips (span)	Delete first 4 AM trips (span)	Delete first 4 AM trips (span)	Yes
701	Huntington Beach to Los Angeles Express	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
721	Fullerton to Los Angeles Express	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
757	Pomona to Santa Ana Express	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
758	Chino to Irvine Spectrum Express	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No
794	Riverside / Corona to South Coast Metro Express	No Change	Not Applicable	Not Applicable	No change	Not Applicable	Not Applicable	No

a. These routes may be restructured as described in Strategy C

Strategy: C
Modify Days and/or
Hours of Operation

Estrategia: C
Modificar los Días y/o
Horas de Operación



Orange County Transportation Authority

March 2010 Service Programs

Strategy C - Modify Days and/or Hours of Operations

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
1	Long Beach to San Clemente -- Pacific Coast Highway	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 30 to 60	Headway, 60 to 90	Headway, 60 to 90	No
20	La Habra to Yorba Linda -- Imperial	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
21	Fullerton to Huntington Beach -- Valley View / Bolsa Chica	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
24	Fullerton to Orange -- Malvern / Chapman / Tustin	Eliminate Route	Eliminate Route	Eliminate Route	See Line 167	See Line 167	See Line 167	Yes
25	Fullerton to Huntington Beach -- Knott / Golden West	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 35 to 45	Headway, 60 to 90	Headway, 60 to 90	No
26	Fullerton to Yorba Linda -- Commonwealth / Yorba Linda	Reduce Frequency & Span Trip Reduction	Reduce Frequency	Reduce Frequency	Headway, peak 30/60 to 40, off-peak 30/60 to 75. Delete Short Turns, Delete 1st EB AM & 1st 2 WB AM & Last EB PM.	Headway, 60 to 75	Headway, 60 to 75	No
29	Brea to Huntington Beach -- La Habra / Beach	Line Truncation	Line Truncation	Line Truncation	See Line 129	See Line 129	See Line 129	
30	Cerritos to Anaheim -- Orangethorpe	Reduce Frequency & Span Trip Reduction	Reduce Frequency	Reduce Frequency	Headway, 30/60 to 45. Cut 1hr PM span	Headway, 60 to 90	Headway, 60 to 90	No
33	Fullerton to Huntington Beach -- Magnolia	No Change	No Change	Span Trip Reduction	No Change	No Change	Delete 6 PM NB trip (span)	No
35	Fullerton to Huntington Beach -- Brookhurst	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, peak 20 to 30, off-peak 30 to 40	Headway, off-peak 45 to 60	Headway, 60 to 90	No
37	La Habra to Fountain Valley -- Euclid	Reduce Frequency	No Change	Reduce Frequency	Headway, peak 20 to 30, off-peak 30 to 40	No Change	Headway, 60 to 90	No
38	Lakewood to Anaheim Hills -- La Palma	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 45 to 60	Headway, 45 to 60	No
42	Seal Beach to Orange -- Seal Beach / Los Alamitos/ Lincoln	No Change	Reduce Frequency & Span Trip Reduction	Reduce Frequency & Span Trip Reduction	No Change	Headway, off-peak 25/50 to 40	Headway, off-peak 25/50 to 40	No
43	OWL Service-La Habra to Costa Mesa -- Whittier / Harbor	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
43	La Habra to Costa Mesa -- Whittier / Harbor	Line Truncation	Line Truncation	Line Truncation	See Line 143	See Line 143	See Line 143	
46	Los Alamitos to Orange -- Ball / Taft	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 50 to 60	Headway, 50 to 60	No
47	Brea to Newport Beach -- Brea / Anaheim / Fairview	Line Truncation	Line Truncation	Line Truncation	See Line 143	See Line 143	See Line 143	
50	Long Beach to Katella -- Katella	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 30 to 60	Headway, 30 to 60	No



Orange County Transportation Authority

March 2010 Service Programs

Strategy C - Modify Days and/or Hours of Operations

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
50	OWL Service-Long Beach to Katella - Katella	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
51	Santa Ana to Costa Mesa -- Flower	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
53	Brea to Irvine -- Main	Line Truncation	Line Truncation	Line Truncation	See Line 153	See Line 153	See Line 153	
54	Garden Grove to Orange -- Chapman	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 30 to 60	Headway, 30 to 60	No
55	Santa Ana to Newport Beach -- Standard / Bristol / Fairview / 17th	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, off-peak from 20 to 30	Headway, off-peak 22 to 30	Headway, off-peak 22 to 30	No
56	Garden Grove to Orange -- Garden Grove	No Change	Span Trip Reduction	Eliminate Route	No Change	First 5 AM trips deleted	Eliminate Route	No
57	Brea to Newport Beach -- State College / Bristol	Line Truncation	Line Truncation and Reduce Frequency	Line Truncation and Reduce Frequency	See Line 153	See Line 153 and Headway, 15 to 20	See Line 153 and Headway, 15 to 20	
57	OWL Service-Brea to Newport Beach -- State College / Bristol	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
59	Brea to Irvine -- Kraemer / Glassell / Grand / Von Karman	Line Truncation	Eliminate Route	Eliminate Route	See Line 129	Eliminate Route	Eliminate Route	Yes
60	OWL Service-Long Beach to Tustin -- 7th / Westminster / 17th	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
60	Long Beach to Tustin -- 7th / Westminster / 17th	Reduce Frequency & Non-Span Trip Reduction	Reduce Frequency & Span Trip Reduction	Reduce Frequency & Span Trip Reduction	Headway; peak from 10/24 to 15/30. Delete 10 midday and 11 PM trips (non-span)	Headway, 15/30 to 20/40. Delete 2 AM (span) trips and 4 PM trips,	Headway, 15/30 to 20/40. Delete 4 AM (span) trips and 3 PM trips	Unknown
62	Huntington Beach to Santa Ana -- Goldenwest / Hazard / Santa Ana	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
64	Huntington Beach to Tustin -- Bolsa / 1st	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 14 to 20	Headway, off-peak 30 to 60	No
66	Huntington Beach to Irvine -- McFadden / Walnut	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 10 to 15	Headway, peak 12 to 15, off-peak 20 to 45	Headway, peak 12 to 15, off-peak 20 to 45	No
70	Sunset Beach to Dana Point -- Edinger / Irvine Center / Moulton / Golden Lantern	Line Truncation	Line Truncation	Line Truncation	See Line 90	See Line 90	See Line 90	
71	Yorba Linda to Balboa -- Tustin / Red Hill / Newport	No Change	Span Trip Reduction	No Change	No Change	Delete first 2 and last 2 NB trips; delete second SB and last 2 SB trips	No Change	No
72	Sunset Beach to Tustin -- Warner	No Change	Span Trip Reduction	Span Trip Reduction	No Change	Delete last EB trip	Delete first 2 and last 2 trips each direction	No
74	Fountain Valley to Irvine -- Segerstrom / Dyer / Barranca	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
75	Tustin to Newport Beach -- Harvard / Jamboree	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes



Orange County Transportation Authority

March 2010 Service Programs

Strategy C - Modify Days and/or Hours of Operations

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
76	Huntington Beach to Newport Beach -- Talbert / MacArthur	Reduce Frequency	Eliminate Route	Eliminate Route	Headway, peak 35 to 45	Eliminate Route	Eliminate Route	Yes
79	Tustin to Newport Beach -- Irvine / Culver / University	No Change	Span Trip Reduction	Span Trip Reduction	No Change	Delete first 2 and last 2 trips each direction	Delete first 2 and last 2 trips each direction	No
82	Foothill Ranch to Laguna Niguel -- Portola / Santa Margarita / Antonio / Crown Valley	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
83	Anaheim to Laguna Hills -- 5 Fwy / Main	No Change	Reduce Frequency	Reduce Frequency & Span Trip Reduction	No Change	Headway, 30 to 60	Headway, 45 to 60. Delete first 2 and last 1 NB trips; delete last SB trip	No
85	Mission Viejo to Dana Point -- Marguerite / Crown Valley	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
86	Costa Mesa to Mission Viejo -- Alton / Jeronimo	No Change	Eliminate Route	Not Applicable	No Change	Eliminate Route	Not Applicable	Yes
87	Rancho Santa Margarita to Laguna Niguel -- Alicia	No Change	Eliminate Route	Not Applicable	No Change	Eliminate Route	Not Applicable	Yes
89	Mission Viejo to Laguna Beach -- El Toro / Laguna Canyon	No Change	Span Trip Reduction	Span Trip Reduction	No Change	Delete last NB and first 2 SB trips	Start first SB trip at Laguna Hills Transportation Center	No
90	Tustin to Dana Point -- Irvine Center / Moulton / Golden Lantern	Line Creation	Line Creation	Line Creation	Replaces Eastern Half of Line 70	Replaces Eastern Half of Line 70	Replaces Eastern Half of Line 70	Unknown
91	Laguna Hills to San Clemente -- Valencia / Capistrano / Del Obispo	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 45 to 70	Headway, 45 to 70	No
129	Buena Park to Orange -- Beach / La Habra / Birch / Kraemer / Glassell	Line Creation	Line Creation	Line Creation	Replaces Northern Segments of Line 29 and 59	Replaces Northern Segment of Line 29	Replaces Northern Segment of Line 29	Unknown
131	Yorba Linda to Orange -- Lakeview / Riverdale / Tustin	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
143	La Habra to Brea -- Whittier / Harbor / Brea / Birch	Line Creation	Line Creation	Line Creation	Replaces Northern Segments of Line 43 and 47	Replaces Northern Segments of Line 43 and 47	Replaces Northern Segments of Line 43 and 47	Unknown
145	Santa Ana to Costa Mesa -- Raitt / Greenville / Fairview	Non-Span Trip Reduction	Eliminate Route	Eliminate Route	Delete 13 trips (non-span)	Eliminate Route	Eliminate Route	Yes
147	Brea to Santa Ana -- Birch / Brea / Harbor / Raymond / Haster / La Veta	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
153	Anaheim to Orange -- State College / Placentia / Sunkist / Batavia	Line Creation	Line Creation	Line Creation	Replaces Northern Segments of Line 53 and 57	Replaces Northern Segments of Line 53 and 57	Replaces Northern Segments of Line 53 and 57	Unknown
164	Seal Beach to Westminster -- Seal Beach / Lampson / Edwards	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
167	Anaheim to Irvine -- Tustin / Hewes / Bryan	Line Extension	Line Extension	Line Extension	Extend to Include a Segment of Line 24	Extend to Include a Segment of Line 24	Extend to Include a Segment of Line 24	Yes



Orange County Transportation Authority

March 2010 Service Programs

Strategy C - Modify Days and/or Hours of Operations

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
172	Huntington Beach to Costa Mesa -- Main / Garfield / Ellis / MacArthur / Sunflower	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
173	Huntington Beach to Costa Mesa -- Atlanta / Hamilton / Victoria / Orange / Fair / Bear	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
175	Irvine -- Yale / Campus	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
177	Foothill Ranch to Laguna Hills -- Lake Forest / Muirlands / Los Alisos	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
178	Huntington Beach to Irvine -- Adams / Birch / Campus	No Change	Span Trip Reduction	Not Applicable	No Change	Delete 3 AM trips (span)	Not Applicable	No
187	Laguna Hills to Dana Point -- El Toro / Aliso Creek / Niguel	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
188	Laguna Hills to Irvine -- Moulton / Irvine Center / Alton / Ridge Route	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
191	Mission Viejo to San Clemente -- Rancho Viejo / Camino Capistrano / El Camino	No Change	Reduce Frequency & Span Trip Reduction	Reduce Frequency	No Change	Headway, 60 to 90. Delete 1 AM trip (span)	Headway, 60 to 90	No
193	Dana Point to San Clemente -- los Mares / Vera Cruz / Pico	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
206	Santa Ana to Lake Forest Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
211	Seal Beach to Irvine Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
212	Irvine to San Juan Capistrano Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
213	Brea to Irvine Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
216	San Juan Capistrano to Costa Mesa Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
410	Anaheim Canyon Station to Anaheim Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
411	Anaheim Canyon Station to Canyon Corporate Center Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
430	Anaheim Station to Anaheim Resort Area Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
453	Orange Station to St. Joseph's Hospital Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
454	Orange Station to Garden Grove Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
462	Santa Ana Station to Santa Ana Civic Center Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No



Orange County Transportation Authority

March 2010 Service Programs

Strategy C - Modify Days and/or Hours of Operations

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
463	Santa Ana Station to Hutton Center Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
464	Santa Ana Station to Costa Mesa Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
472	Tustin Station to Irvine Business Complex Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
473	Tustin Station to U. C. Irvine Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
480	Irvine Station to Lake Forest Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
482	Irvine Station to Irvine Center & Discovery Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
490	Laguna Niguel Station to Aliso Viejo Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
693	San Clemente -- Pico / La Pedriza	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
701	Huntington Beach to Los Angeles Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
721	Fullerton to Los Angeles Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
757	Pomona to Santa Ana Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
758	Chino to Irvine Spectrum Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
794	Riverside / Corona to South Coast Metro Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No

Strategy: D Combined Strategy

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Orange County Transportation Authority

March 2010 Service Programs

Strategy D - Combined Strategy

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
1	Long Beach to San Clemente -- Pacific Coast Highway	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 30 to 60	Headway, 60 to 90	Headway, 60 to 90	No
20	La Habra to Yorba Linda -- Imperial	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
21	Fullerton to Huntington Beach -- Valley View / Bolsa Chica	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
24	Fullerton to Orange -- Malvern / Chapman / Tustin	Eliminate Route	Eliminate Route	Eliminate Route	See Line 167	Eliminate Route	Eliminate Route	Yes
25	Fullerton to Huntington Beach -- Knott / Golden West	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 35 to 45	Headway, 60 to 90	Headway, 60 to 90	No
26	Fullerton to Yorba Linda -- Commonwealth / Yorba Linda	Reduce Frequency & Span Trip Reduction	Reduce Frequency	Reduce Frequency	Headway, peak 30/60 to 40, off-peak 30/60 to 75. Delete Short Turns, Delete 1st EB AM & 1st 2 WB AM & Last EB PM.	Headway, 60 to 75	Headway, 60 to 75	Yes
29	Brea to Huntington Beach -- La Habra / Beach	Line Truncation	Line Truncation & Reduce Frequency	Line Truncation & Reduce Frequency	See Line 129	See Line 129 & Reduce Frequency	See Line 129 & Reduce Frequency	No
30	Cerritos to Anaheim -- Orangethorpe	Reduce Frequency & Span Trip Reduction	Reduce Frequency	Reduce Frequency	Headway, 30/60 to 45. Cut 1hr PM span	Headway, 60 to 90	Headway, 60 to 90	Yes
33	Fullerton to Huntington Beach -- Magnolia	Reduce Frequency	Reduce Frequency	Reduce Frequency	Reduce Frequency	Reduce Frequency	Reduce Frequency	No
35	Fullerton to Huntington Beach -- Brookhurst	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, peak 20 to 30, off-peak 30 to 40	Headway, off-peak 45 to 60	Headway, 60 to 90	No
37	La Habra to Fountain Valley -- Euclid	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, peak 20 to 30, off-peak 30 to 40	Reduce Frequency	Headway, 60 to 90	No
38	Lakewood to Anaheim Hills -- La Palma	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 45 to 60	Headway, 45 to 60	No
42	Seal Beach to Orange -- Seal Beach / Los Alamitos/ Lincoln	No Change	Reduce Frequency	Reduce Frequency	No Change	Reduce Frequency	Reduce Frequency	No
43	La Habra to Costa Mesa -- Whittier / Harbor	Line Truncation	Line Truncation & Reduce Frequency	Line Truncation & Reduce Frequency	See Line 143	See Line 143 & Reduce Frequency	See Line 143 & Reduce Frequency	Yes
43	OWL Service-La Habra to Costa Mesa -- Whittier / Harbor	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
46	Los Alamitos to Orange -- Ball / Taft	Reduce Frequency	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 50 to 60	Headway, 50 to 60	No
47	Brea to Newport Beach -- Brea / Anaheim / Fairview	Line Truncation & Reduce Frequency	Line Truncation & Reduce Frequency	Line Truncation & Reduce Frequency	See Line 143 & Reduce Frequency	See Line 143 & Reduce Frequency	See Line 143 & Reduce Frequency	No

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
50	Long Beach to Katella -- Katella	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 30 to 60	Headway, 30 to 60	No
50	OWL Service-Long Beach to Katella - Katella	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
51	Santa Ana to Costa Mesa -- Flower	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
53	Brea to Irvine -- Main	Line Truncation & Reduce Frequency	Line Truncation & Reduce Frequency	Line Truncation & Reduce Frequency	See Line 153 & Reduce Frequency	See Line 153 & Reduce Frequency	See Line 153 & Reduce Frequency	Yes
54	Garden Grove to Orange -- Chapman	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 30 to 60	Headway, 30 to 60	No
55	Standard / Bristol / Fairview / 17th	Frequency	Frequency	Frequency	30	Headway, off-peak 22 to 30	Headway, off-peak 22 to 30	No
56	Garden Grove to Orange -- Garden Grove	No Change	Reduce Frequency	Eliminate Route	No Change	Reduce Frequency	Eliminate Route	Yes
57	Brea to Newport Beach -- State College / Bristol	Line Truncation	Line Truncation & Reduce Frequency	Line Truncation & Reduce Frequency	See Line 153	See Line 153 & Reduce Frequency	See Line 153 & Reduce Frequency	No
57	OWL Service-Brea to Newport Beach -- State College / Bristol	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
59	Brea to Irvine -- Kraemer / Glassell / Grand / Von Karman	Line Truncation & Reduce Frequency	Eliminate Route	Eliminate Route	See Line 129 & Reduce Frequency	Eliminate Route	Eliminate Route	Yes
60	Long Beach to Tustin -- 7th / Westminster / 17th	Reduce Frequency & Non-Span Trip Reduction	Reduce Frequency	Reduce Frequency	Headway; peak from 10/24 to 15/30. Delete 10 midday and 11 PM trips (non-span)	Reduce Frequency	Reduce Frequency	Yes
60	OWL Service-Long Beach to Tustin - 7th / Westminster / 17th	Span Trip Reduction	Span Trip Reduction	Span Trip Reduction	Eliminate Night OWL	Eliminate Night OWL	Eliminate Night OWL	Yes
62	Huntington Beach to Santa Ana -- Goldenwest / Hazard / Santa Ana	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
64	Huntington Beach to Tustin -- Bolsa / 1st	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 14 to 20	Headway, off-peak 30 to 60	No
66	Huntington Beach to Irvine -- McFadden / Walnut	Reduce Frequency	Reduce Frequency	Reduce Frequency	Headway, 10 to 15	Headway, peak 12 to 15, off-peak 20 to 45	Headway, peak 12 to 15, off-peak 20 to 45	No
70	Sunset Beach to Dana Point -- Edinger / Irvine Center / Moulton / Golden Lantern	Line Truncation & Reduce Frequency	Line Truncation & Reduce Frequency	Line Truncation & Reduce Frequency	See Line 90 & Reduce Frequency	See Line 90 & Reduce Frequency	See Line 90 & Reduce Frequency	No
71	Yorba Linda to Balboa -- Tustin / Red Hill / Newport	No Change	Reduce Frequency	Reduce Frequency	No Change	Reduce Frequency	Reduce Frequency	No
72	Sunset Beach to Tustin -- Warner	No Change	Reduce Frequency	Reduce Frequency	No Change	Reduce Frequency	Reduce Frequency	No



Orange County Transportation Authority

March 2010 Service Programs

Strategy D - Combined Strategy

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
74	Fountain Valley to Irvine -- Segerstrom / Dyer / Barranca	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
75	Tustin to Newport Beach -- Harvard / Jamboree	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
76	Huntington Beach to Newport Beach -- Talbert / MacArthur	Reduce Frequency	Eliminate Route	Eliminate Route	Headway, peak 35 to 45	Eliminate Route	Eliminate Route	Yes
79	Tustin to Newport Beach -- Irvine / Culver / University	No Change	Reduce Frequency	Span Trip Reduction	No Change	Reduce Frequency	Delete first 2 and last 2 trips each direction	Yes
82	Foothill Ranch to Laguna Niguel -- Portola / Santa Margarita / Antonio / Crown Valley	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
83	Anaheim to Laguna Hills -- 5 Fwy / Main	No Change	Reduce Frequency	Reduce Frequency	No Change	Reduce Frequency	Reduce Frequency	No
85	Mission Viejo to Dana Point -- Marguerite / Crown Valley	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
86	Costa Mesa to Mission Viejo -- Alton / Jeronimo	No Change	Eliminate Route	Not Applicable	No Change	Eliminate Route	Not Applicable	Yes
87	Rancho Santa Margarita to Laguna Niguel -- Alicia	No Change	Eliminate Route	Not Applicable	No Change	Eliminate Route	Not Applicable	Yes
89	Mission Viejo to Laguna Beach -- El Toro / Laguna Canyon	No Change	Reduce Frequency	Reduce Frequency	No Change	Reduce Frequency	Reduce Frequency	No
90	Tustin to Dana Point -- Irvine Center / Moulton / Golden Lantern	Line Creation	Line Creation	Line Creation	Replaces Eastern Half of Line 70	Replaces Eastern Half of Line 70	Replaces Eastern Half of Line 70	No
91	Laguna Hills to San Clemente -- Valencia / Capistrano / Del Obispo	No Change	Reduce Frequency	Reduce Frequency	No Change	Headway, 45 to 70	Headway, 45 to 70	No
129	Buena Park to Orange -- Beach / La Habra / Birch / Kraemer / Glassell	Line Creation	Line Creation	Line Creation	Replaces Northern Segments of Line 29 and 59	Replaces Northern Segment of Line 29	Replaces Northern Segment of Line 29	No
131	Yorba Linda to Orange -- Lakeview / Riverdale / Tustin	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
143	La Habra to Brea -- Whittier / Harbor / Brea / Birch	Line Creation	Line Creation	Line Creation	Replaces Northern Segments of Line 43 and 47	Replaces Northern Segments of Line 43 and 47	Replaces Northern Segments of Line 43 and 47	No
145	Santa Ana to Costa Mesa -- Raitt / Greenville / Fairview	Non-Span Trip Reduction	Eliminate Route	Eliminate Route	Delete 13 trips (non-span)	Eliminate Route	Eliminate Route	Yes
147	Brea to Santa Ana -- Birch / Brea / Harbor / Raymond / Haster / La Veta	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
153	Anaheim to Orange -- State College / Placentia / Sunkist / Batavia	Line Creation	Line Creation	Line Creation	Replaces Northern Segments of Line 53 and 57	Replaces Northern Segments of Line 53 and 57	Replaces Northern Segments of Line 53 and 57	No
164	Seal Beach to Westminster -- Seal Beach / Lampson / Edwards	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
167	Anaheim to Irvine -- Tustin / Hewes / Bryan	Line Extension	Eliminate Route	Eliminate Route	Extend to Include a Segment of Line 24	Eliminate Route	Eliminate Route	Yes



Orange County Transportation Authority

March 2010 Service Programs
Strategy D - Combined Strategy

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
172	Huntington Beach to Costa Mesa -- Main / Garfield / Ellis / MacArthur / Sunflower	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
173	Atlanta / Hamilton / Victoria / Orange / Fair / Bear	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
175	Irvine -- Yale / Campus	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
177	Foothill Ranch to Laguna Hills -- Lake Forest / Muirlands / Los Alisos	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
178	Huntington Beach to Irvine -- Adams / Birch / Campus	No Change	Reduce Frequency	Not Applicable	No Change	Reduce Frequency	Not Applicable	No
187	Laguna Hills to Dana Point -- El Toro / Aliso Creek / Niguel	Eliminate Route	Not Applicable	Not Applicable	Eliminate Route	Not Applicable	Not Applicable	Yes
188	Laguna Hills to Irvine -- Moulton / Irvine Center / Alton / Ridge Route	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
191	Rancho Viejo / Camino Capistrano / El Camino	No Change	Reduce Frequency	Reduce Frequency	No Change	Reduce Frequency	Headway, 60 to 90	Yes
193	Dana Point to San Clemente -- los Mares / Vera Cruz / Pico	No Change	Eliminate Route	Eliminate Route	No Change	Eliminate Route	Eliminate Route	Yes
206	Santa Ana to Lake Forest Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
211	Seal Beach to Irvine Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
212	Irvine to San Juan Capistrano Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
213	Brea to Irvine Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
216	Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
410	Anaheim Canyon Station to Anaheim Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
411	Anaheim Canyon Station to Canyon Corporate Center Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
430	Area Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
453	Orange Station to St. Joseph's Hospital Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
454	Orange Station to Garden Grove Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
462	Santa Ana Station to Santa Ana Civic Center Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
463	Santa Ana Station to Hutton Center Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
464	Santa Ana Station to Costa Mesa Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
472	Complex Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No



Orange County Transportation Authority

March 2010 Service Programs

Strategy D - Combined Strategy

Revised: September 21, 2009

Line	Route Location	Reduction Techniques - Type			Reduction Techniques - Detail			Potential ACCESS Impact
		Wkdy	Sat	Sun	Wkdy	Sat	Sun	
473	Tustin Station to U. C. Irvine Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
480	Irvine Station to Lake Forest Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
482	Irvine Station to Irvine Center & Discovery Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
490	Laguna Niguel Station to Aliso Viejo Rail Feeder	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
693	San Clemente -- Pico / La Pedriza	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Eliminate Route	Yes
701	Huntington Beach to Los Angeles Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
721	Fullerton to Los Angeles Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
757	Pomona to Santa Ana Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
758	Chino to Irvine Spectrum Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No
794	Riverside / Corona to South Coast Metro Express	No Change	Not Applicable	Not Applicable	No Change	Not Applicable	Not Applicable	No

Public Hearing Notice

NOTICE IS HEREBY GIVEN that the OCTA Board of Directors will hold a public hearing at 9:00 a.m. on Monday, October 26, 2009, at OCTA Headquarters, 1st Floor, Room 154, 600 South Main Street, Orange, CA. The public hearing shall be for the purpose of considering service reductions.

Description of the Service Reduction Program: Every bus route in the system is under evaluation and may be impacted by the following types of changes: reduction in frequency of service, deletion of selected trips, changes to the hours of operation, shortening entire routes, eliminating routes with the lowest ridership, and route restructuring.

Approved changes will become effective March 14, 2010 or later.

The potential service changes fall under Section 5 (i)(3) of the Urban Mass Transportation Act of 1964 (Federal Transit Act, as amended), as well as the Orange County Transportation Authority's Public Hearing Process for Service and Fare Changes Policy, and thus require a public hearing.

Description of Service Area: The service areas affected by the service reductions include Orange, Riverside, San Bernardino and Los Angeles counties.

Relocation: No person, families or businesses will be displaced by the service reductions.

Comprehensive Planning: The bus service reduction is necessary as a result of state and local revenue declines and an analysis of sustainable bus service levels conducted by OCTA.

Elderly and Persons with Disabilities: The bus service reductions may affect public transit availability for the elderly and persons with disabilities

who utilize fixed-route bus and ACCESS paratransit service. ACCESS service will continue to be provided within 3/4 miles of and during the same days and hours as the fixed route bus service.

Public Participation: Interested persons may submit, orally or in writing, comments and feedback regarding the bus service reductions. A detailed description of the proposed bus service reductions will be available for public review between September 24, 2009 and October 26, 2009. Please contact the Clerk of the Board, Wendy Knowles, at the OCTA Administrative Offices, 550 South Main Street, P.O. Box 14184, Orange, CA 92863-1584. Telephone: (714) 560-5676.

ALL INTERESTED PARTIES for the public hearing are invited to submit, orally or in writing, comments and feedback regarding the bus service reductions. Written comments may be addressed to the Clerk of the Board:

Wendy Knowles, Clerk of the Board
Orange County Transportation Authority
550 South Main Street
P.O. Box 14184
Orange, CA 92863-1584
Telephone (714) 560-5676

Or call OCTA Customer Relations at (714) 636-RIDE, extension 2, or from South Orange County (800) 636-RIDE, extension 2.

At the October 26, 2009 Public Hearing, the OCTA Board of Directors will afford interested persons or agencies an opportunity to submit, either orally or in writing, comments and feedback regarding the bus service reductions.

Aviso de Audiencia Pública

AVISO POR LA PRESENTE ES DADO que la Junta Directiva de OCTA tendrá una audiencia pública a las 9:00 de la mañana el Lunes, 26 de Octubre del 2009, en la oficina de OCTA, primer piso, #154, 600 South Main Street, Orange, CA. La audiencia pública será para el propósito de considerar reducciones mayores al servicio de autobús.

Descripción del Programa de Reducción de Servicio: Todas las rutas en el sistema están bajo evaluación y pueden ser afectadas por los siguientes cambios: reducir la frecuencia en servicio, descontinuar ciertos viajes, cambiar las horas de operación, acortar la ruta entera, eliminar las rutas con el número de usuarios más bajo y reestructuración de ruta.

La reducción de servicio estará en efecto el 14 de Marzo del 2010 o después.

Los cambios potenciales de servicio serán conducidos bajo la Sección 5 (i)(3) de la Ley de Transporte Urbano de 1964 (Ley Federal de Tránsito, modificado), así como el proceso de audiencia pública de la Autoridad de Transportación del Condado de Orange y la Póliza de Cambios de Tarifa y por lo tanto requieren una audiencia pública.

Descripción del Area de Servicio: Las áreas de servicio afectadas por las posibles reducciones de servicio incluyen los condados de Orange, Los Angeles, Riverside y San Bernardino.

La Recolocación: Ninguna persona, familias ni negocios serán desplazados por las posibles reducciones de servicio.

La Planificación Completa: La necesidad para el programa de posible reducción de servicio es el resultado de reducción del ingreso estatal y local y de un análisis de servicio de autobuses realizado por la OCTA.

Personas de Edad Avanzada y Personas con Discapacidades: El programa de reducción del servicio puede afectar la disponibilidad de servicio de transporte público para las personas de edad avanzada y personas

con discapacidades que utilizan el servicio de autobuses y el servicio de ACCESS. El servicio de ACCESS seguirá siendo proporcionado dentro de 3/4 millas del servicio regular de autobuses y en los mismos días y horas.

La Participación Pública: Las personas interesadas pueden someter, verbalmente o por escrito, las recomendaciones y comentarios con respecto al programa de posibles reducciones del servicio de autobús. Una descripción estará disponible para la inspección pública entre el 24 de Septiembre y el 26 de Octubre del 2009. Contacte por favor a la Secretaria de la Junta Directiva, Wendy Knowles, en las Oficinas Administrativas de OCTA, 550 South Main Street, P.O. Box 14184, Orange, CA 92863-1584. Teléfono: (714) 560-5676.

TODAS LAS PERSONAS INTERESADAS en la audición pública son invitadas a someter, verbalmente o por escrito, comentarios y recomendaciones con respecto al programa de posibles reducciones de servicio de autobús. Los comentarios escritos pueden ser dirigidos a la Secretaria de la Junta Directiva:

Wendy Knowles, Clerk of the Board
Orange County Transportation Authority
550 South Main Street
P.O. Box 14184
Orange, CA 92863-1584
Teléfono (714) 560-5676

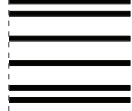
O lláme al servicio de atención al Cliente de OCTA al (714) 636-RIDE, extensión 2, o desde el sur del Condado de Orange al (800) 636-RIDE, extensión 2.

En la Audiencia Pública, la Junta Directiva de OCTA proporcionará a personas o agencias interesadas, la oportunidad de someter, verbalmente o por escrito, comentarios y recomendaciones con respecto a los efectos del programa de posibles reducciones de servicio.

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BUSINESS REPLY MAIL

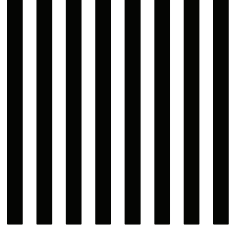
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ORANGE COUNTY TRANSPORTATION AUTHORITY
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550 S. Main Street
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