March 2020 Monthly Ridership Report

# Ridership Summary | Executive Summary | Local Bus | Red Routes | Blue Routes | Green Routes | Other Routes | Community Connector | Light Rail | Park & Ride

Note: For optimal results, we recommend you view this website with the most current Web browsers.

# March 2020 (Fiscal Year 2020) Ridership Summary

# **Monthly Total Ridership**

Monthly Total Ridership	Lo	cal Networ	k	Commuter Network	Entire Network
March	Local Bus	Light Rail	Total	Park & Ride	Grand Total
2020	3,895,191	1,277,774	5,172,965	384,165	5,557,129
2019	4,897,189	1,875,392	6,772,581	649,786	7,422,367
Change	-1,001,998	-597,618	-1,599,616	-265,622	-1,865,238
Percent	-20%	-32%	-24%	-41%	-25%

#### **Average Daily Ridership**

Average Weekday	Loca	al <mark>Networ</mark>	·k	Commuter Network	Entire Network
March	Local Bus	Light Rail	Total	Park & Ride	Grand Total
2020	191,846	63,568	255,413	32,845	288,259
2019	182,201	61,476	243,677	30,790	274,466
Change	9,645	2,092	11,737	2,056	13,792
Percent	5%	3%	5%	7%	5%

Average Saturday	Loca	al Networ	·k	Commuter Network	Entire Network
March	Local Bus	Light Rail	Total	Park & Ride	Grand Total
2020	123,533	N/A	123,533	N/A	123,533
2019	121,798	30,477	152,275		152,275
Change	1,735	N/A	-28,742		-28,742
Percent	1%	N/A	-19%		-19%

Average Sunday	Loca	al Networ	k	Commuter Network	Entire Network
March	Local Bus	Light Rail	Total	Park & Ride	Grand Total
2020	99,732	22,325	122,057	N/A	122,057
2019	96,004	23,092	119,096		119,096
Change	3,728	-767	2,961		2,961
Percent	4%	-3%	2%		2%

This report reflects ridership results as of April 20, 2020

# **Executive Summary**

# **Ridership Factors This Month**

Factor	Measurement	March 2020	March 2019	Positive Impact	Neutral Impact	Negative Impact
Calendar Mix	Weekdays	22	21	One more weather day		
	Saturdays	4	5			One fewer Saturday
	Sundays	5	5		No Difference	
Weather Impact	Weekdays	0	1	One fewer weather day		
	Saturdays	0	0		No Difference	
	Sundays	0	0		No Difference	
ervice Interruptions	Red Line	0	0		No Difference	
	Green Line	0	0	T .	No Difference	
	Purple Line	0	0		No Difference	
Special Events	Red Line	9	17			Eight Fewer Special Events
	Green Line	9	17			Eight Fewer Special Events
	Purple Line	9	17			Eight Fewer Special Events

#### **Local Network Overview**

#### Local Bus

#### **Monthly Total**

There were 3,895K boarding in March 2020 compared to 4,897K in March 2019, a decrease of approximately 1,003K boardings (or 20 percent) on local bus service. The major factor contributing to the significant ridership decrease in local bus, light rail, and Park & Ride bus was COVID-19. Actions during March 2020 that negatively affected METRO ridership included: 1) issuance of an emergency disaster declaration by the City of Houston and Harris County on March 11; 2) closure of the 2020 Houston Livestock Show and Rodeo on the same day, 3) issuance of a "Stay Home, Work Home" order by Harris County on March 24; and 4) adjustment of service levels to reflect decreasing ridership and reduced operator availability during the month. Additionally, measures taken to encourage social distancing included restricting the number of passengers boarding any individual bus and / or rail car.

#### Average Daily Ridership: Weekday / Saturday / Sunday

Average daily ridership increased on Weekday, Saturday and Sunday prior to service modifications for COVID-19. Weekday average daily ridership increased by approximately 10K boardings (or 5 percent), Saturday average daily ridership increased by 1K boardings (or 1 percent) and Sunday average daily ridership increased by approximately 4K (or 4 percent) in March 2020 compared to March 2019.

#### **Light Rail**

#### **Monthly Total**

There were 1,264K boardings on all three light rail lines and 14k boardings on bus bridges in March 2020 compared to 1,875K boardings on all three light rail lines and 0 boardings on bus bridges in March 2019, a decrease of 598K boardings (or 32 percent). Red line ridership decreased by 34 percent, Green line ridership decreased by 30 percent, and Purple line ridership decreased by 26 percent in March 2020 compared to March 2019.

#### Average Daily Ridership: Weekday / Saturday / Sunday

Average Weekday ridership on the Red, Green, and Purple lines increased by less than 2K boardings (or 4 percent), decreased by less than 1K boardings (or 2 percent) and increased by less than 1K boardings (or 6 percent) respectively in March 2020 compared to March 2019 prior to service modifications for COVID-19. Due to the combination of the Houston Livestock Show and Rodeo, a Houston Roughnecks football game, and COVID-19, there was no average Saturday during March 2020 for ridership comparison March 2019. Average Sunday ridership on Red, Green, and Purple lines decreased by less than 2K (or 9 percent), increased by less than 1K boardings (or 10 percent), and increased by less than 1K boardings (or 22 percent) respectively in March 2020 compared to March 2019.

#### **Total Local Network**

#### **Monthly Total**

There were approximately 5,173K boardings in March 2020 compared to approximately 6,773K in March 2019, a decrease of 1,600K boardings (or 24 percent).

#### Average Daily Ridership: Weekday / Saturday / Sunday

Average local network increased on Weekday and Sunday in March 2020 compared to March 2019. Average Weekday ridership increased by approximately 12K boardings (or 5 percent) while and average Sunday ridership increased by approximately 3K boardings (or 2 percent) in March 2020 compared to March 2019.

#### **Commuter Network Overview**

### Park & Ride

#### **Monthly Total**

There were 384K Park and Ride boardings in March 2020 compared to approximately 650K boardings in March 2019, a decrease of approximately 266K boardings (or 41 percent).

#### Average Daily Ridership: Weekday

Average Weekday ridership in March 2020 was approximately 33K boardings compared to approximately 31K boardings March 2019, an increase of 2K boardings (or 7 percent) prior to service modifications for COVID-19.

# **Entire Network Summary**

#### **Monthly Total**

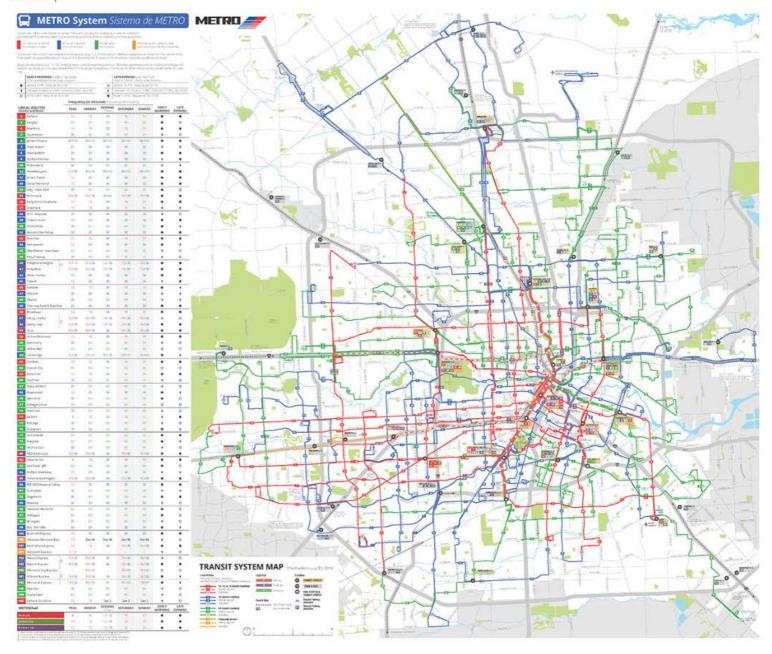
There were 5.557K boardings on the entire fixed-route network in March 2020 compared to 7,4220K boardings in March 2019, a decrease of 1,865K boardings (or 25 percent). Relevant factors were noted earlier and are included in the

#### Average Daily Ridership: Weekday / Saturday / Sunday

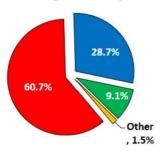
Average daily ridership increased on Weekday and Sunday in March 2020 compared to March 2019 prior to service modifications for COVID-19. Average weekday ridership increased by approximately 14K boardings (or 5 percent), and average Sunday ridership increased by approximately 3K (or 2 percent) in March 2020 compared to March 2019.

# Local Network: Local Bus

Service Map

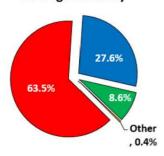


# Average Weekday

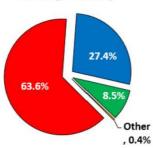


March 2020										
Frequency	Average Weekday	Average Saturday	Average Sunday							
Red	60.7%	63.5%	63.6%							
Blue	28.7%	27.6%	27.4%							
Green	9.1%	8.6%	8.5%							
Other	1.5%	0.4%	0.4%							
Total	100%	100%	100%							

# **Average Saturday**



# **Average Sunday**



# Red Routes (15 Minute Off-Peak Service)

Average Daily Ridership & Performance Indicators

				F	Red Rou	tes				
	March 2020	F.	Weekday	,		Saturday		Sunday		
#	Route	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile
2	Bellaire	7,286	28.81	2.85	5,904	30.12	2.67	4,513	23.02	2.04
4	Beechnut	8,153	23.98	2.12	4,829	19.72	1.50	3,943	17.14	1.22
25	Richmond	7,007	24.04	2.16	4,684	20.44	1.80	3,781	16.64	1.46
26	Long Point / Cavalcade	3,941	23.43	1.85	3,094	19.60	1.52	2,291	14.63	1.13
27	Shepherd	2,964	18.88	1.72	2,176	14.99	1.27	1,772	12.21	1.03
33	Post Oak	1,719	14.34	1.46	1,062	9.23	0.89	1,090	9.48	0.93
40	Telephone / Heights	4,253	21.82	1.82	2,512	16.48	1.35	2,316	15.17	1.24
41	Kirby / Polk	1,540	13.98	1.36	923	10.15	0.96	635	6.99	0.66
46	Gessner	6,641	31.72	2.75	4,912	24.85	2.09	3,863	19.53	1.65
50	Broadway	2,916	19.82	1.65	2,192	19.46	1.56	1,975	17.03	1.40
51	Hardy - Kelley	805	14.99	1.53	492	10.90	0.95	411	9.10	0.79
52	Hardy - Ley	2,138	19.32	1.62	1,529	16.10	1.25	1,213	12.76	0.99
54	Scott	6,236	32.50	2.90	4,128	25.95	2.21	3,187	20.03	1.71
56	Airline / Montrose	6,185	23.15	1.81	4,703	19.99	1.58	4,656	19.84	1.57
63	Fondren	4,685	35.86	3.49	3,110	26.52	2.39	2,565	21.87	1.97
65	Bissonnet	6,398	28.33	2.61	4,201	23.66	1.94	3,051	17.24	1.41
73	Bellfort	5,109	37.50	3.12	3,582	32.41	2.79	2,843	26.54	2.23
80	MLK / Lockwood	4,809	21.45	1.65	3,293	16.59	1.14	2,781	14.01	0.96
82	Westheimer	12,394	26.04	2.55	9,192	23.89	2.21	7,499	22.20	1.80
85	Antoine / Washington	6,261	22.52	1.80	3,948	17.39	1.33	3,436	15.16	1.16
137	Northshore Express	3,126	20.45	1.37	2,801	27.49	1.86	1,587	15.59	1.05
151	Westpark Express	1,916	18.77	1.34	N/A	N/A	N/A	N/A	N/A	N/A
152	Harwin Express	1,650	22.30	1.56	1,045	17.49	1.14	824	13.79	0.90
153	Harwin Express	2,667	19.81	1.28	1,443	14.18	0.86	1,170	11.50	0.70
160	Memorial City Express	80	8.06	0.55	185	6.62	0.34	177	6.31	0.32
161	Wilcrest Express	2,862	23.86	1.58	2,020	18.66	1.04	1,418	13.21	0.73
162	Memorial Express	1,200	14.98	0.98	498	10.94	0.61	473	10.37	0.58
402	Bellaire Quickline	1,415	17.48	1.48	N/A	N/A	N/A	N/A	N/A	N/A
	Total	116,355	24.04	2.03	78,458	20.45	1.62	63,466	16.84	1.31

# Blue Routes (20 - 30 Minute Off-Peak Service)

Average Daily Ridership & Performance Indicators

				Blu	e Rou	es				
	March 2020		Weekday	ľ.		Saturday		Sunday		
#	Route	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile
6	Jensen / Greens	2,914	23.52	1.88	1,952	16.97	1.41	1,624	14.19	1.17
7	West Airport	1,178	27.01	2.03	627	18.67	1.40	428	12.78	0.95
8	West Bellfort	3,192	37.52	3.13	2,007	27.20	2.40	1,485	20.13	1.78
9	Gulfton / Holman	2,395	22.53	1.98	1,318	14.51	1.11	1,000	11.04	0.84
11	Almeda / Lyons	3,290	20.28	1.70	1,531	13.28	1.03	1,438	12.47	0.97
14	Hiram Clarke	2,008	27.49	2.29	1,199	20.82	1.75	916	15.91	1.34
20	Canal / Memorial	1,797	10.52	0.91	820	6.14	0.53	939	7.03	0.61
28	OST - Wayside	2,435	24.33	2.37	1,666	22.69	1.86	1,166	15.88	1.31
29	Cullen / Hirsch	3,360	21.32	1.58	2,309	18.60	1.31	1,862	14.88	1.06
32	Renwick / San Felipe	2,068	18.12	1.96	1,323	14.57	1.26	928	10.22	0.88
36	Kempwood	2,293	20.16	1.64	1,345	16.22	1.43	1,016	15.10	1.08
44	Acres Homes	2,531	14.27	1.06	1,783	11.88	0.89	1,386	9.50	0.71
45	Tidwell	4,162	27.62	2.13	2,913	26.78	2.10	2,348	21.61	1.69
47	Hillcroft	3,078	27.38	3.07	1,908	22.07	2.08	1,516	17.52	1.65
49	Chimney Rock / S Post Oak	2,819	21.07	1.83	1,806	16.54	1.38	1,494	13.68	1.14
60	Cambridge	2,045	20.68	2.47	759	13.69	1.54	613	11.06	1.24
68	Braeswood	2,595	24.75	1.99	1,403	20.61	1.54	1,182	17.37	1.29
84	Buffalo Speedway	1,625	12.93	1.35	1,027	12.36	1.13	738	8.88	0.81
86	FM 1960 / Imperial Valley	2,901	25. <b>1</b> 3	1.84	2,055	23.26	1.68	1,542	17.51	1.26
89	Dacoma	240	16.86	2.12	87	6.11	0.77	55	3.89	0.49
99	Ella - FM 1960	2,442	23.70	1.65	1,708	17.59	1.19	1,437	14.80	1.00
102	Bush IAH Express	3,751	24.15	1.20	2,493	25.52	1.10	2,262	23.20	1.00
	Total	55,117	21.68	1.76	34,039	17.46	1.35	27,375	14.19	1.09

# Green Routes (60 Minute Off-Peak Service)

Average Daily Ridership & Performance Indicators

				Gr	een Ro	utes				
	March 2020		Weekday			Saturday			Sunday	
#	Route	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile
3	Langley/ Little York	1,505	15.46	1.10	1,028	12.09	0.82	888	10.44	0.71
5	Southmore	1,145	18.83	1.56	603	12.07	0.95	521	10.43	0.82
10	Willowbend	793	19.60	1.90	451	15.60	1.55	345	11.91	1.18
23	Clay - W 43rd	615	15.88	1.54	383	12.05	1.31	352	11.08	1.20
30	Clinton / Ella	895	10.59	0.88	447	6.40	0.54	360	5.17	0.43
38	Manchester - Lawndale	139	9.71	0.82	169	11.83	1.00	118	8.26	0.70
39	Katy Freeway	286	8.94	0.64	137	4.77	0.32	95	3.32	0.22
48	Market	645	14.92	1.27	366	10.28	0.88	308	8.68	0.74
58	Hammerly	563	15.04	1.34	322	10.65	0.96	255	8.42	0.76
59	Aldine Mail	398	13.94	1.15	322	11.47	0.92	281	10.07	0.81
64	Lincoln City	47	1.80	0.18	34	1.28	0.13	26	1.01	0.10
66	Quitman	557	15.03	1.22	360	12.20	1.00	264	8.98	0.73
67	Dairy Ashford	563	17.37	1.90	360	13.22	1.63	197	7.23	0.89
70	Memorial	329	10.17	0.67	177	7.40	0.50	133	5.59	0.38
71	Cottage Grove	7	0.49	0.04	5	0.34	0.03	6	0.41	0.04
72	Westview	379	12.85	0.94	260	11.82	0.85	177	8.02	0.58
75	Eldridge	739	16.00	1.32	377	12.83	0.90	312	10.61	0.74
76	Evergreen	1,323	18.55	1.42	746	20.97	1.60	584	16.44	1.25
77	Homestead	506	12.88	1.18	470	11.99	1.10	379	9.66	0.88
78	Wayside	500	13.42	1.19	394	10.60	0.94	381	10.23	0.91
79	Irvington	538	12.24	1.11	355	11.34	1.03	244	7.77	0.71
83	Lee Road - JFK	377	12.91	1.02	255	8.73	0.69	247	8.51	0.67
87	Sunnyside	1,170	18.67	1.51	657	14.22	1.26	514	11.12	0.99
88	Sagemont	1,237	26.71	2.25	587	17.36	1.47	616	18.21	1.54
96	Veterans Memorial	827	21.70	1.53	667	19.93	1.31	439	13.17	0.86
97	Settegast	519	16.38	1.06	217	6.98	0.44	134	4.32	0.27
98	Briargate	476	21.92	1.57	265	19.19	1.28	170	12.28	0.82
360	Peerless Shuttle	189	8.42	0.69	7	0.38	0.03	105	5.64	0.46
399	Kuykendahl Shuttle	203	13.61	1.29	148	10.05	0.94	71	4.82	0.45
	Total	17,469	15.13	1.23	10,568	11.25	0.91	8,518	9.08	0.73

#### **Other Routes**

Average Weekday Ridership & Performance Indicators

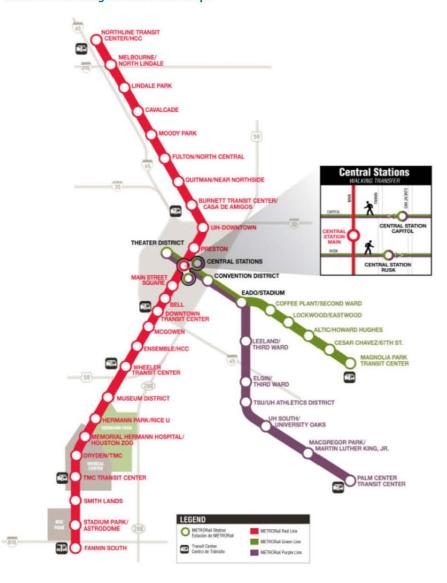
	Other Routes											
	March 2020		Weekday	1		Saturday	1		Sunday			
#	Route	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile		
108	Veterans Memorial Express	1,108	20.63	1.14	N/A	N/A	N/A	N/A	N/A	N/A		
412	Greenlink	564	10.35	1.81	N/A	N/A	N/A	N/A	N/A	N/A		
413	Greenlink Orange	56	3.41	0.63	187	4.18	0.77	157	5.78	1.07		
418	Juror Shuttle	434	17.85	3.92	N/A	N/A	N/A	N/A	N/A	N/A		
	Total	2,162	14.53	1.46	187	4.18	0.77	157	5.78	1.07		

#### **Community Connector**

Average Daily Ridership & Performance Indicators

	Community Connector Routes										
	March 2020		Weekday	1	Saturday				Sunday	1	
#	Route	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile	
333	Northeast	11.8	1.48	0.11	11.00	1.38	0.10	6.00	0.75	0.05	
344	Acres Homes	508	4.48	0.72	130	2.35	0.32	108	1.95	0.26	
363	Missouri City	223	4.04	0.78	141	3.26	0.63	102	2.36	0.46	
	Total	743	3.51	0.61	282	1.99	0.33	216	1.52	0.25	

# Local Network: Light Rail Service Map



# Local Network: Light Rail

Average Daily Ridership

March 2020	Average Boardings						
Watch 2020	Weekday	Saturday	Sunday				
led Line	_						
Northline Transit Center / HCC	3,133	N/A	1,57				
Melbourne / North Lindale	279	N/A	9				
Lindale Park	187	N/A	6				
Cavalcade	735	N/A	36				
Moody Park	518	N/A	30				
Fulton / North Central	1,142	N/A	63				
Quitman / Near Northside	611	N/A	26				
Burnett Transit Center / Casa De Amigos	881	N/A	29				
UH-Downtown	1,308	N/A	15				
Preston	3,058	N/A	96				
Central Station Main	2,842	N/A	1,06				
Main Street Square	2,744	N/A	94				
Bell	902	N/A	28				
Downtown Transit Center	3,305	N/A	1,38				
McGowen	1,430	N/A	51				
Ensemble / HCC	2,421	N/A	71				
Wheeler Transit Center	2,946	N/A	1,42				
Museum District	1,248	N/A	43				
Hermann Park / Rice U	486	N/A	21				
AND THE PERSON OF THE PERSON O	3,846	N/A	1 100				
Memorial Hermann Hospital / Houston Zoo	The state of the s	15.5 (23.50)	55				
Dryden / TMC	5,438	N/A	70				
TMC Transit Center	3,753	N/A	1,00				
Smith Lands	3,892	N/A	22				
Stadium Park / Astrodome	1,222	N/A	57				
Fannin South	3,509 <b>51,837</b>	N/A N/A	1,11				
reen Line			,				
Theater District	385	N/A	26				
Central Station	1,200	N/A	62				
Convention District	206	N/A	17				
EaDo / Stadium	370	N/A	27				
Coffee Plant / Second Ward	393	N/A	26				
		N/A					
Lockwood / Eastwood	457 417		26				
Altic / Howard Hughes	E CONTRA	N/A	28				
Cesar Chavez / 67th Street	363	N/A	22				
Magnolia Park Transit Center	939 <b>4.730</b>	N/A N/A	3,04				
Purple Line	4,750	IV/A	3,04				
THE PARTY OF THE P		2000					
Theater District	1,007	N/A	24				
Central Station	1,174	N/A	61				
Convention District	199	N/A	22				
EaDo / Stadium	403	N/A	34				
Leeland / Third Ward	297	N/A	19				
Elgin / Third Ward	497	N/A	34				
TSU / UH Athletics District	1,053	N/A	47				
UH South / University Oaks	1,020	N/A	23				
MacGregor Park / Martin Luther King, Jr.	486	N/A	28				
Palm Center Transit Center	865	N/A	46				
urple Line Total	7,001	N/A	3,42				
All Lines led, Green & Purple Lines	63,568	N/A	22,32				

#### Commuter Network: Park & Ride Service Map



# Commuter Network: Park & Ride

Average Weekday Ridership & Performance Indicators

March 2020		Weekday		
#	Route	Average Boardings	Boardings per Revenue Hour	Boardings per Revenue Mile
	Peak	Period		
170	Missouri City	920	26.95	1.02
202	Kuykendahl	1,666	25.34	1.02
204	Spring	1,405	33.27	1.12
212	Seton Lake	1,036	20.34	0.93
214	Northwest Station	1,828	27.57	0.97
216	West Little York	477	15.03	0.61
217	Cypress	2,307	25.62	0.83
221	Kingsland	2,054	24.07	0.81
222	Grand Parkway	3,067	30.57	0.98
228	Addicks	1,836	24.78	0.98
236	Maxey Road / Baytown	483	18.89	0.80
244	Monroe	504	21.97	1.11
246	Bay Area	1,151	18.64	0.76
247	Fuqua	899	29.07	1.35
248	El Dorado	680	20.30	0.80
255	Kingwood	867	19.38	0.63
256	Eastex	921	34.20	1.23
257	Townsen	1,021	32.09	1.14
261	West Loop	250	13.12	0.70
262	Westwood	592	17.98	0.74
265	West Bellfort	2.813	33.80	1.39
283	Kuykendahl - Greenway/Uptown	301	14.37	0.61
291	Conroe	116	13.51	0.42
292	Southwest Corridor - TMC	553	13.56	0.72
297	Gulf Corridor - TMC	1,039	25.36	1.08
298	Katy Corridor - TMC	1,462	19.23	0.83
	Subtotal	30,246	24.36	0.93
	235/2005/2005	Peak		J.J.
209	North Corridor Midday/Evening	587	19.96	0.77
219	Northwest Corridor Midday/Evening	412	14.12	0.59
229	Katy Corridor Midday/Evening	762	20.25	0.76
249	Gulf Corridor Midday/Evening	327	9.16	0.47
259	Eastex Corridor Midday/Evening	266	12.53	0.42
269	Southwest Corridor Midday/Evening	245	10.28	0.42
209	Subtotal	2,599	14.68	0.62
	Grand Total	32.845	23.15	0.90