

HOUSTON-GALVESTON AREA COUNCIL



Temporary Pedestrian/Bicycle Counters Data Summary

Deployment Summary		
Sponsoring Agency	Houston-Galveston Area Council	
Deployment Period	Counters #1 – 3	Saturday, July 25, 2015 – Tuesday, August 25, 2015
	Counters #4 – 7	Saturday, August 15, 2015 – Tuesday, August 25, 2015
Locations Deployed		
Counter #1	Richmond Avenue at Edloe Street (Southwest Corner)	
Counter #2	Richmond Avenue at Edloe Street (Northwest Corner)	
Counter #3	Richmond Avenue at Timmons Lane (Southeast Corner)	
Counter #4	Timmons Lane at City Club Drive (Southeast Corner)	
Counter #5	Timmons Lane at City Club Drive (Southwest Corner)	
Counter #6	Timmons Lane at Colquitt Street (Northwest Corner)	
Counter #7	Timmons Lane at Colquitt Street (Northeast Corner)	

About the Temporary Pedestrian/Bicycle Counters

The Houston-Galveston Area Council (H-GAC) has temporary counters (TRAFx Infrared Trail Counters: Generation III) that can be borrowed by local governments and transportation agencies to count the number of people using off-street pedestrian and bicycle facilities. Infrared technology is used to count the number of people passing the counter. The counters do not differentiate between pedestrians and bicyclists, but count the total number of users.

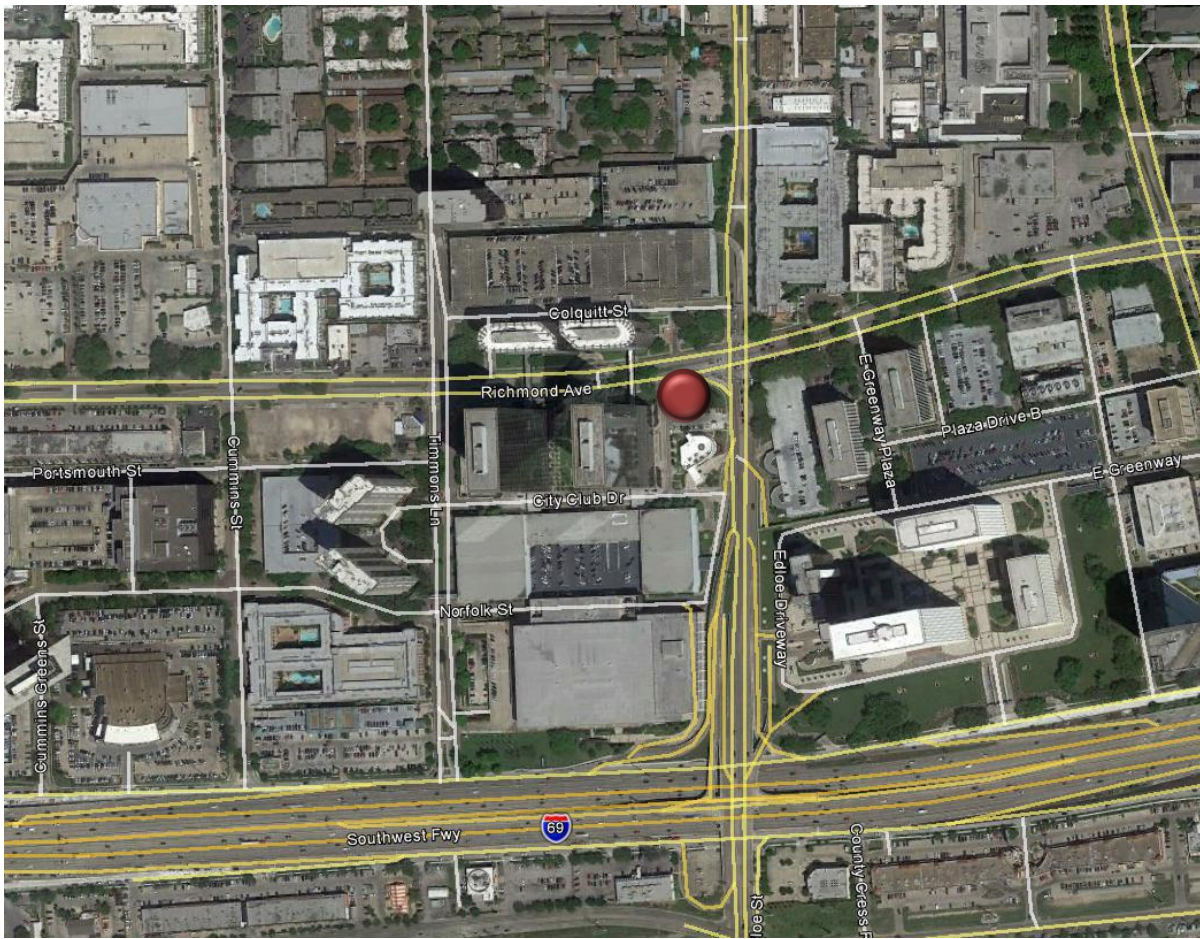
Counter #1

Richmond Avenue at Edloe Street (Southwest Corner)

Location Information		
Location Name	Richmond Avenue at Edloe Street (Southwest Corner)	
Location Description	Sidewalk near the southwest corner of the Richmond Avenue/Edloe Street intersection (Greenway Plaza)	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council	
GPS Coordinates	29°43'57.88"N, 95°26'1.92"W	
Surrounding Land Uses	North	Office, Parking Garage, Multi-Family Residential
	South	Office, Commercial
	East	Office, Multi-Family Residential
	West	Office
What object was device secured to?	Sign Post (Airport Transportation Center: Directional Sign)	
Sidewalk Width	4 feet	
Buffer Width	3.5 feet	
Street Width	Six-Lane Divided Roadway with Turn Lanes at Nearby Intersection	
Parallel Parking	None	
Landscaping or Trees	Some Trees Nearby	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	35 mph	
Street Lighting	Yes	
Street Traffic Volume	30,821 (Richmond Avenue between Wesleyan and Buffalo Speedway: 2015)	
Transit	Yes (METRO Bus Stops about 400 feet east and 550 feet west on Richmond Ave.)	
Shade	Intermittent (Some Trees Nearby)	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • There tends to be higher usage on weekdays than during weekends. Monday is the busiest day of the week, with an average of 102 users. • On weekdays, usage peaks in the morning (7:00 a.m. – 9:00 a.m.), with less pronounced increases mid-day (11:00 a.m. – 2:00 p.m.) and in the evening (4:00 p.m. – 6:00 p.m.). • On weekends, usage remains relatively steady throughout the day, with slight increases in the late morning (10:00 a.m. – 11:00 a.m.) and early afternoon (1:00 p.m. – 2:00 p.m.). Increased pedestrian traffic during those periods could be associated with those walking to and from nearby Lakewood Church (3700 Southwest Freeway), which has services on Sundays at 8:30 a.m., 11:00 a.m., and 1:45 p.m. • Rain seems to have a negative impact on usage. The wettest day (Thursday, August 20, 2015: 0.92 inches of rainfall) had the least usage of any weekday during the deployment period (30 users).

Location Information: Map



Location Information: Photos



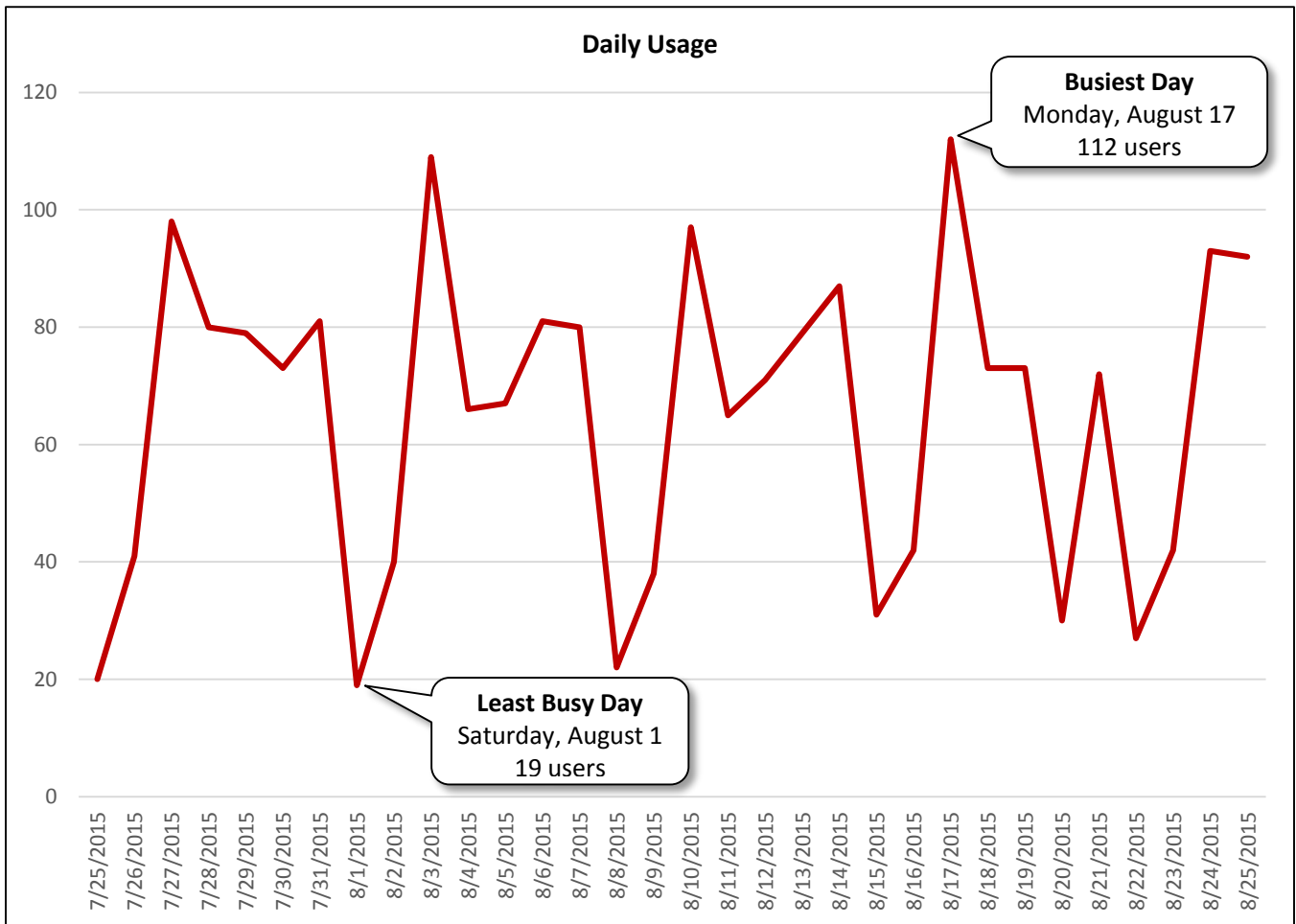
Image 1: Sidewalk along Richmond Ave. Facing East



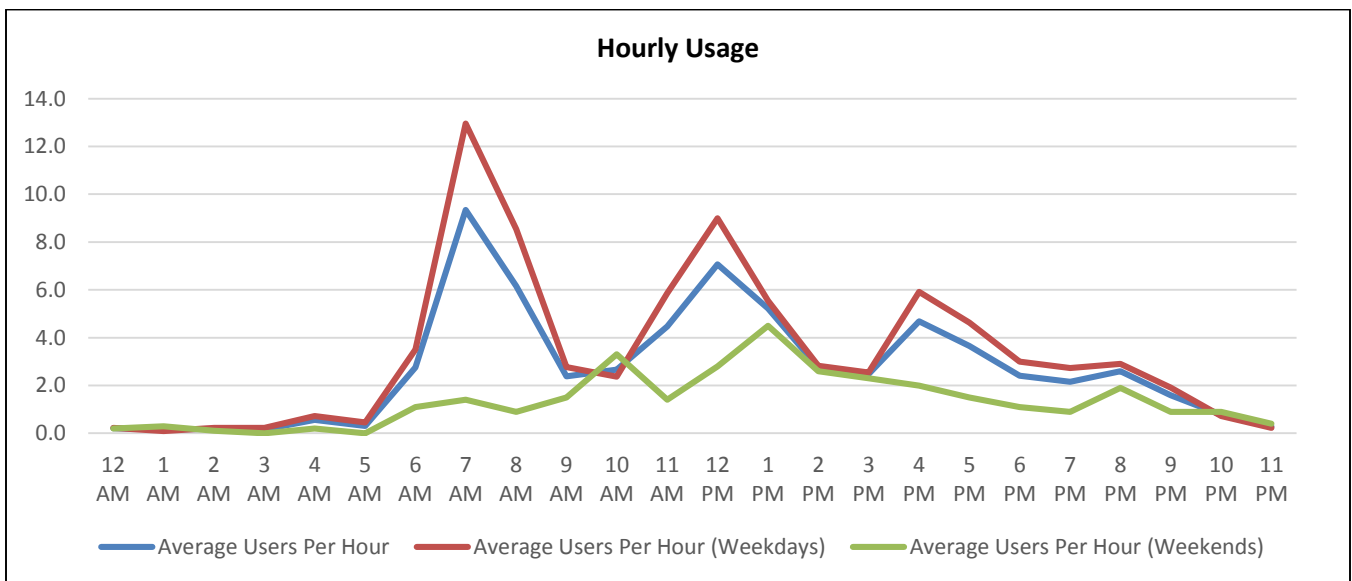
Image 2: Sidewalk along Richmond Ave. Facing West

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Saturday, July 25, 2015	20	99	75	0
Sunday, July 26, 2015	41	99	78	0
Monday, July 27, 2015	98	98	80	0
Tuesday, July 28, 2015	80	100	76	0
Wednesday, July 29, 2015	79	100	75	0
Thursday, July 30, 2015	73	101	79	0.17
Friday, July 31, 2015	81	99	78	0
Saturday, August 1, 2015	19	97	85	0
Sunday, August 2, 2015	40	99	86	0
Monday, August 3, 2015	109	99	86	0
Tuesday, August 4, 2015	66	98	87	Trace
Wednesday, August 5, 2015	67	99	90	0
Thursday, August 6, 2015	81	100	89	0
Friday, August 7, 2015	80	100	89	0
Saturday, August 8, 2015	22	100	89	0
Sunday, August 9, 2015	38	102	90	0
Monday, August 10, 2015	97	102	91	0
Tuesday, August 11, 2015	65	106	92	0.17
Wednesday, August 12, 2015	71	99	87	0
Thursday, August 13, 2015	79	99	88	0
Friday, August 14, 2015	87	100	89	0
Saturday, August 15, 2015	31	99	86	0
Sunday, August 16, 2015	42	96	85	0.75
Monday, August 17, 2015	112	94	83	0
Tuesday, August 18, 2015	73	95	86	0
Wednesday, August 19, 2015	73	90	83	0.12
Thursday, August 20, 2015	30	79	76	0.92
Friday, August 21, 2015	72	88	81	0.8
Saturday, August 22, 2015	27	93	85	0
Sunday, August 23, 2015	42	98	87	0
Monday, August 24, 2015	93	97	88	0
Tuesday, August 25, 2015	92	94	84	0.18
Total	2,080			
Average Daily Usage	65			
Average Daily Usage (Weekday)	80			
Average Daily Usage (Weekend)	32			

*Weather conditions recorded at KHOU (Houston, TX).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.2	0.2	0.2
1:00 a.m.	0.2	0.1	0.3
2:00 a.m.	0.2	0.2	0.1
3:00 a.m.	0.2	0.2	0.0
4:00 a.m.	0.6	0.7	0.2
5:00 a.m.	0.3	0.5	0.0
6:00 a.m.	2.8	3.5	1.1
7:00 a.m.	9.3	13.0	1.4
8:00 a.m.	6.2	8.5	0.9
9:00 a.m.	2.4	2.8	1.5
10:00 a.m.	2.7	2.4	3.3
11:00 a.m.	4.5	5.9	1.4
12:00 p.m.	7.1	9.0	2.8
1:00 p.m.	5.2	5.5	4.5
2:00 p.m.	2.8	2.8	2.6
3:00 p.m.	2.5	2.5	2.3
4:00 p.m.	4.7	5.9	2.0
5:00 p.m.	3.7	4.6	1.5
6:00 p.m.	2.4	3.0	1.1
7:00 p.m.	2.2	2.7	0.9
8:00 p.m.	2.6	2.9	1.9
9:00 p.m.	1.6	1.9	0.9
10:00 p.m.	0.8	0.7	0.9
11:00 p.m.	0.3	0.2	0.4



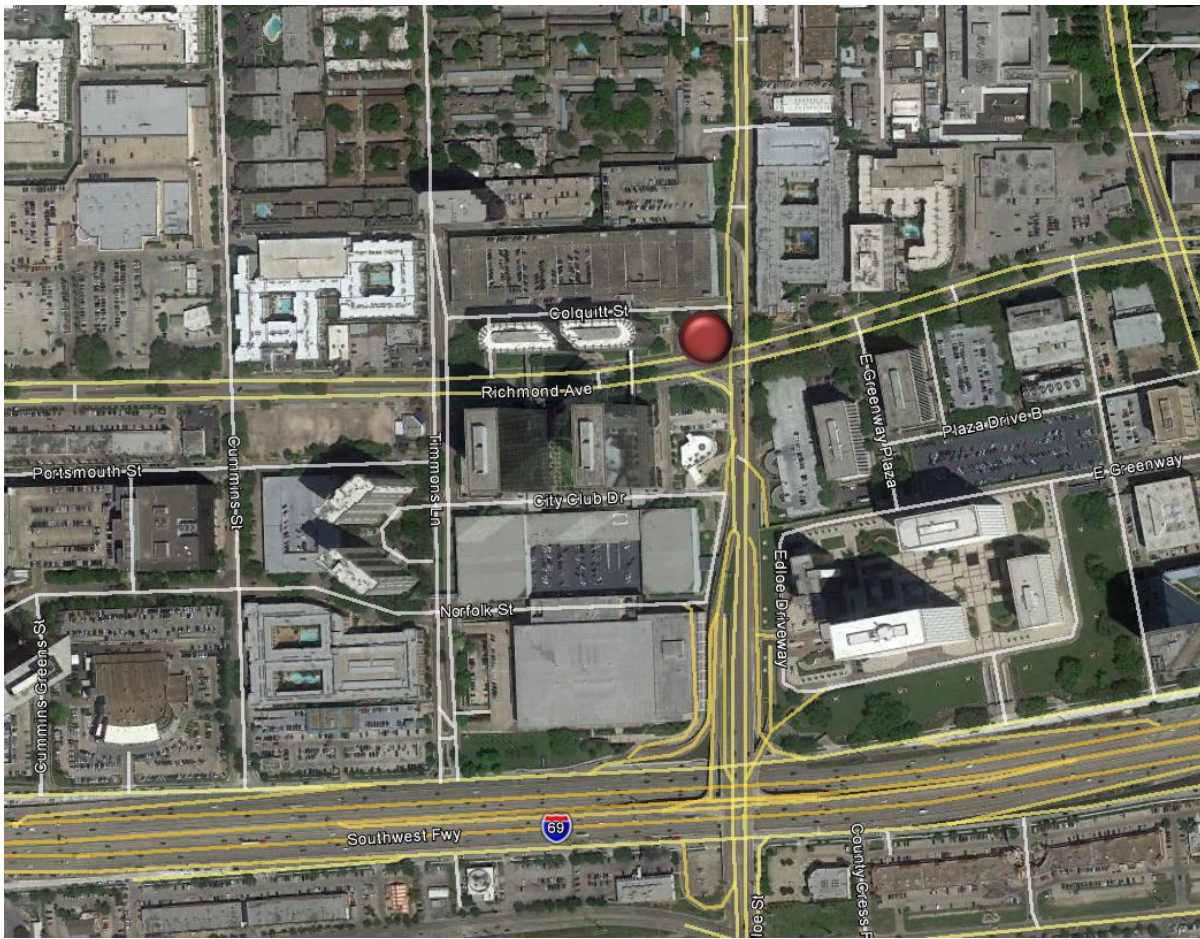
Counter #2

Richmond Avenue at Edloe Street (Northwest Corner)

Location Information		
Location Name	Richmond Avenue at Edloe Street (Northwest Corner)	
Location Description	Sidewalk near the northwest corner of the Richmond Avenue/Edloe Street intersection (Greenway Plaza)	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council	
GPS Coordinates	29°43'59.00"N, 95°26'1.56"W	
Surrounding Land Uses	North	Office, Parking Garage, Multi-Family Residential
	South	Office, Commercial
	East	Office, Multi-Family Residential
	West	Office
What object was device secured to?	Light Post	
Sidewalk Width	6 feet	
Buffer Width	5 feet	
Street Width	Six-Lane Divided Roadway with Turn Lanes at Nearby Intersection	
Parallel Parking	None	
Landscaping or Trees	Some Trees Nearby	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	35 mph	
Street Lighting	Yes	
Street Traffic Volume	30,821 (Richmond Avenue between Wesleyan and Buffalo Speedway: 2015)	
Transit	Yes (METRO Bus Stop about 250 feet west on Richmond Ave.)	
Shade	Intermittent (Some Trees Nearby)	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • There tends to be slightly higher usage on weekends than on weekdays. • Sunday is the busiest day of the week, with an average of 178 users. Increased pedestrian traffic could be associated with those walking to and from nearby Lakewood Church (3700 Southwest Freeway). Attendees can park at the garage on the north side of Colquitt Street, then walk or take a shuttle to the church. • On weekends, usage peaks mid-day (10:00 a.m. – 2:00 p.m.). Increased pedestrian traffic during this period could be associated with those walking to and from nearby Lakewood Church, which has services on Sundays at 8:30 a.m., 11:00 a.m., and 1:45 p.m. • On weekdays, usage remains relatively steady throughout the day, with slight increases in the morning (7:00 a.m. – 10:00 a.m.) and mid-day (11:00 a.m. – 2:00 p.m.). • Rain seems to have a negative impact on usage. The wettest day (Thursday, August 20, 2015: 0.92 inches of rainfall) had the least usage of any weekday during the deployment period (61 users).

Location Information: Map



Location Information: Photos



Image 3: Sidewalk along Richmond Ave. Facing East

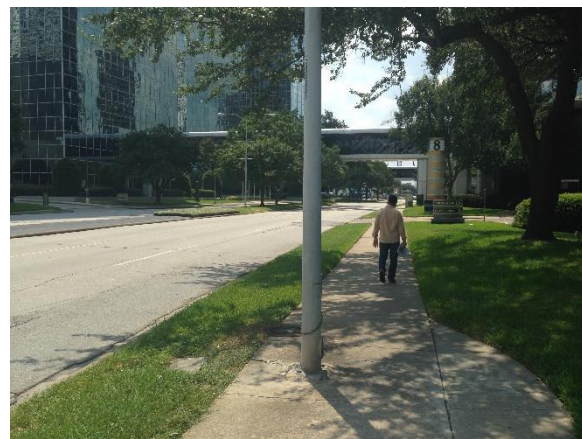
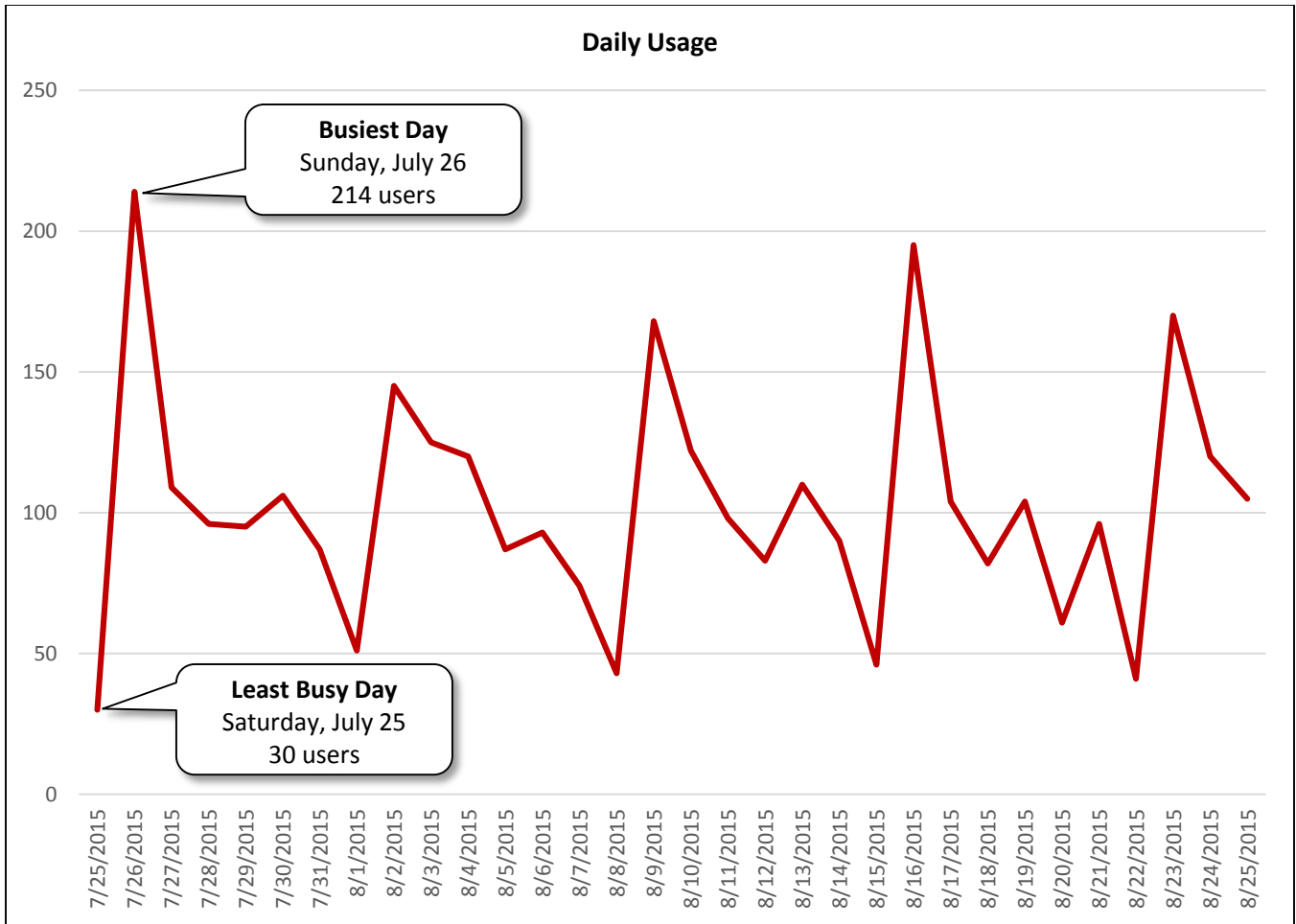


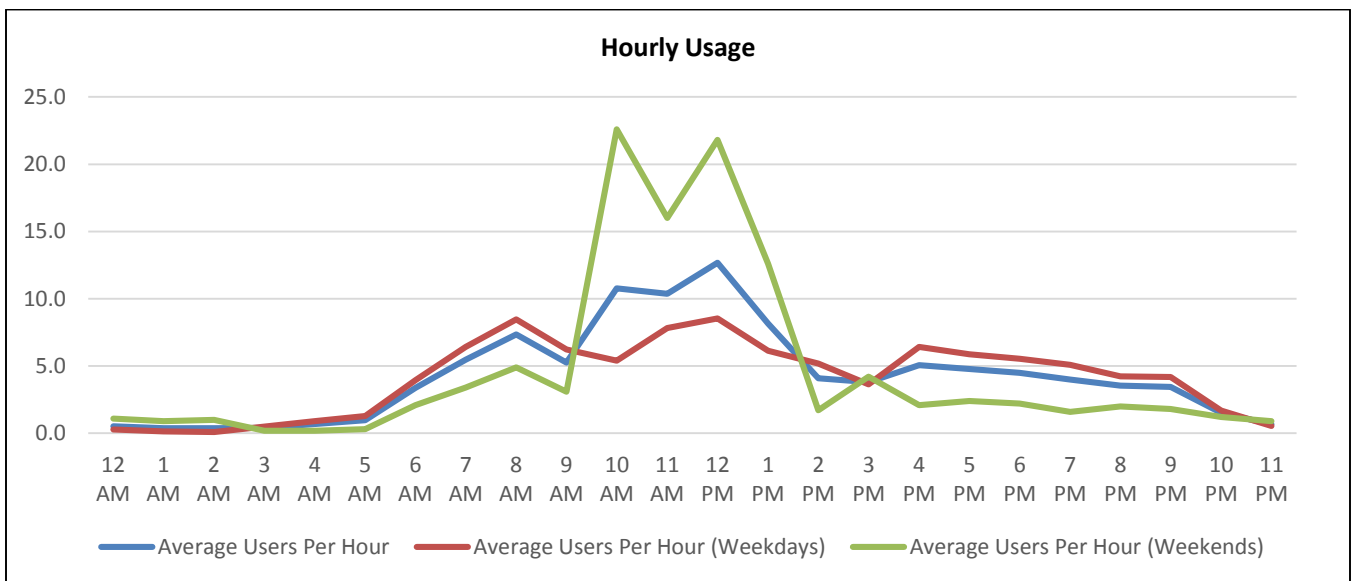
Image 4: Sidewalk along Richmond Ave. Facing West

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Saturday, July 25, 2015	30	99	75	0
Sunday, July 26, 2015	214	99	78	0
Monday, July 27, 2015	109	98	80	0
Tuesday, July 28, 2015	96	100	76	0
Wednesday, July 29, 2015	95	100	75	0
Thursday, July 30, 2015	106	101	79	0.17
Friday, July 31, 2015	87	99	78	0
Saturday, August 1, 2015	51	97	85	0
Sunday, August 2, 2015	145	99	86	0
Monday, August 3, 2015	125	99	86	0
Tuesday, August 4, 2015	120	98	87	Trace
Wednesday, August 5, 2015	87	99	90	0
Thursday, August 6, 2015	93	100	89	0
Friday, August 7, 2015	74	100	89	0
Saturday, August 8, 2015	43	100	89	0
Sunday, August 9, 2015	168	102	90	0
Monday, August 10, 2015	122	102	91	0
Tuesday, August 11, 2015	98	106	92	0.17
Wednesday, August 12, 2015	83	99	87	0
Thursday, August 13, 2015	110	99	88	0
Friday, August 14, 2015	90	100	89	0
Saturday, August 15, 2015	46	99	86	0
Sunday, August 16, 2015	195	96	85	0.75
Monday, August 17, 2015	104	94	83	0
Tuesday, August 18, 2015	82	95	86	0
Wednesday, August 19, 2015	104	90	83	0.12
Thursday, August 20, 2015	61	79	76	0.92
Friday, August 21, 2015	96	88	81	0.8
Saturday, August 22, 2015	41	93	85	0
Sunday, August 23, 2015	170	98	87	0
Monday, August 24, 2015	120	97	88	0
Tuesday, August 25, 2015	105	94	84	0.18
Total	3,270			
Average Daily Usage	102			
Average Daily Usage (Weekday)	99			
Average Daily Usage (Weekend)	110			

*Weather conditions recorded at KHOU (Houston, TX).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.5	0.3	1.1
1:00 a.m.	0.4	0.1	0.9
2:00 a.m.	0.4	0.1	1.0
3:00 a.m.	0.4	0.5	0.2
4:00 a.m.	0.7	0.9	0.2
5:00 a.m.	1.0	1.3	0.3
6:00 a.m.	3.4	4.0	2.1
7:00 a.m.	5.5	6.4	3.4
8:00 a.m.	7.3	8.5	4.9
9:00 a.m.	5.3	6.2	3.1
10:00 a.m.	10.8	5.4	22.6
11:00 a.m.	10.4	7.8	16.0
12:00 p.m.	12.7	8.5	21.8
1:00 p.m.	8.2	6.1	12.6
2:00 p.m.	4.1	5.2	1.7
3:00 p.m.	3.8	3.6	4.2
4:00 p.m.	5.1	6.4	2.1
5:00 p.m.	4.8	5.9	2.4
6:00 p.m.	4.5	5.5	2.2
7:00 p.m.	4.0	5.1	1.6
8:00 p.m.	3.5	4.2	2.0
9:00 p.m.	3.4	4.2	1.8
10:00 p.m.	1.5	1.7	1.2
11:00 p.m.	0.7	0.5	0.9



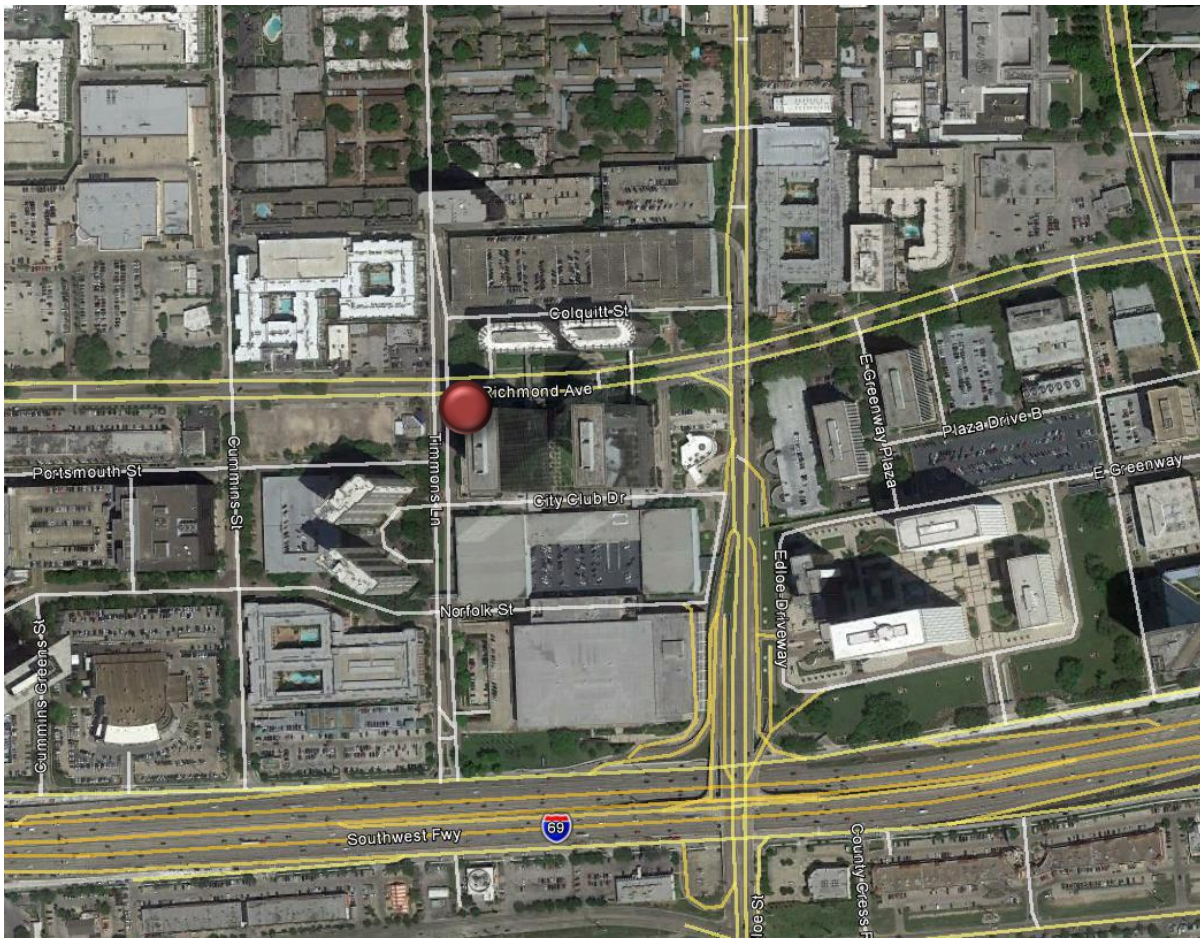
Counter #3

Richmond Avenue at Timmons Lane (Southeast Corner)

Location Information		
Location Name	Richmond Avenue at Timmons Lane (Southeast Corner)	
Location Description	Sidewalk near the southeast corner of the Richmond Avenue/Timmons Lane intersection (Greenway Plaza)	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council	
GPS Coordinates	29°43'57.34"N, 95°26'9.50"W	
Surrounding Land Uses	North	Office, Parking Garage, Commercial, Multi-Family Residential
	South	Office, Commercial, Multi-Family Residential
	East	Office
	West	Commercial, Office, Multi-Family Residential
What object was device secured to?	Light Post	
Sidewalk Width	4 feet	
Buffer Width	5 feet	
Street Width	Six-Lane Divided Roadway with Turn Lanes at Nearby Intersection	
Parallel Parking	None	
Landscaping or Trees	Some Trees Nearby	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	35 mph	
Street Lighting	Yes	
Street Traffic Volume	30,821 (Richmond Avenue between Wesleyan and Buffalo Speedway: 2015)	
Transit	Yes (METRO Bus Stops about 200 feet east on Richmond Ave. and at northeast corner of Timmons Lane/Richmond Ave. intersection)	
Shade	Intermittent (Some Trees Nearby)	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • There tends to be higher usage on weekdays than during weekends. Monday is the busiest day of the week, with an average of 188 users. • On weekdays, there is a significant increase in usage mid-day (11:00 a.m. – 2:00 p.m.). • On weekends, usage remains relatively steady throughout the day, with slightly higher usage mid-day (10:00 a.m. – 5:00 p.m.). • Rain seems to have a negative impact on usage. The wettest day (Thursday, August 20, 2015: 0.92 inches of rainfall) had the least usage of any weekday during the deployment period (41 users).

Location Information: Map



Location Information: Photos



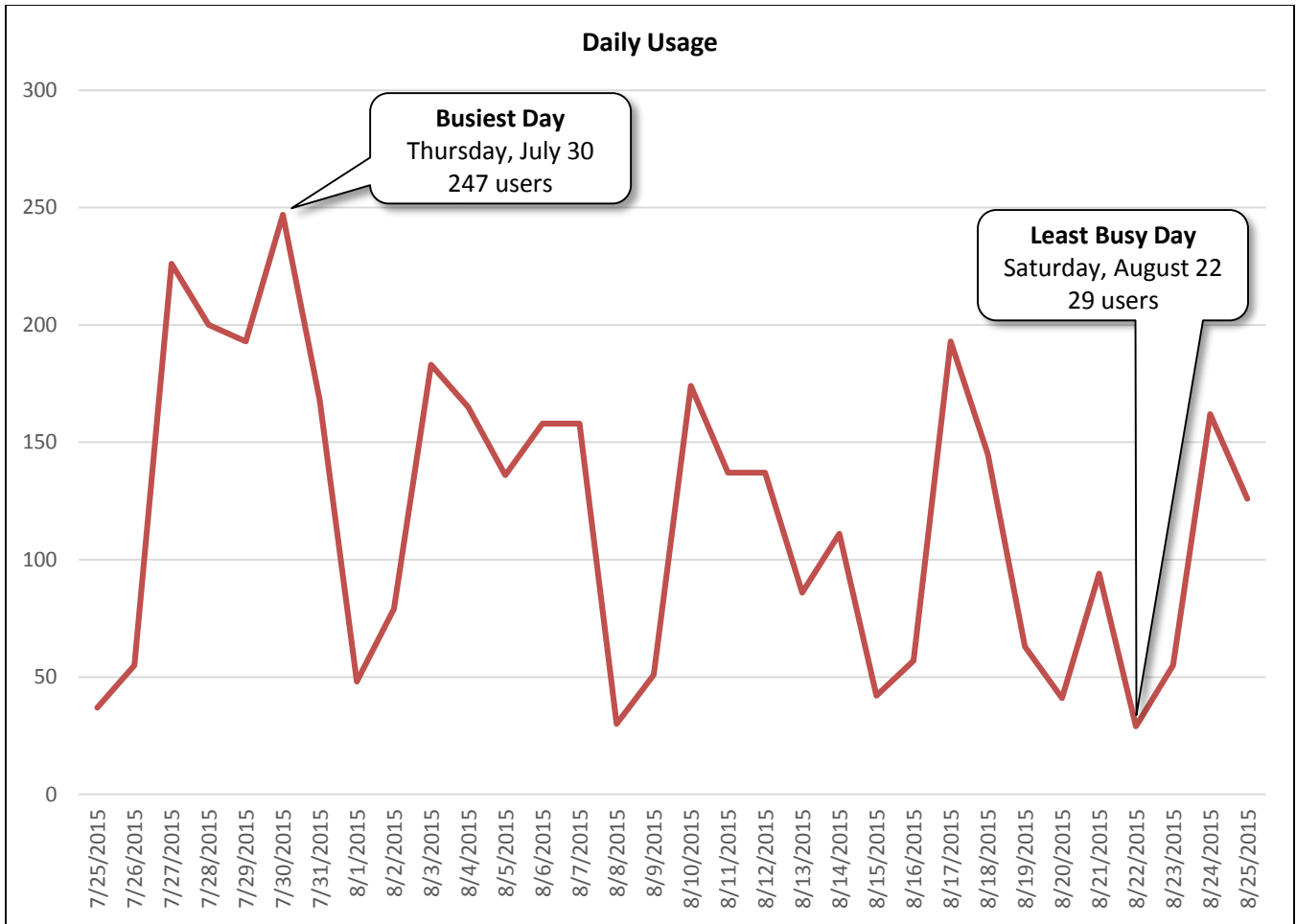
Image 5: Sidewalk along Richmond Ave. Facing East



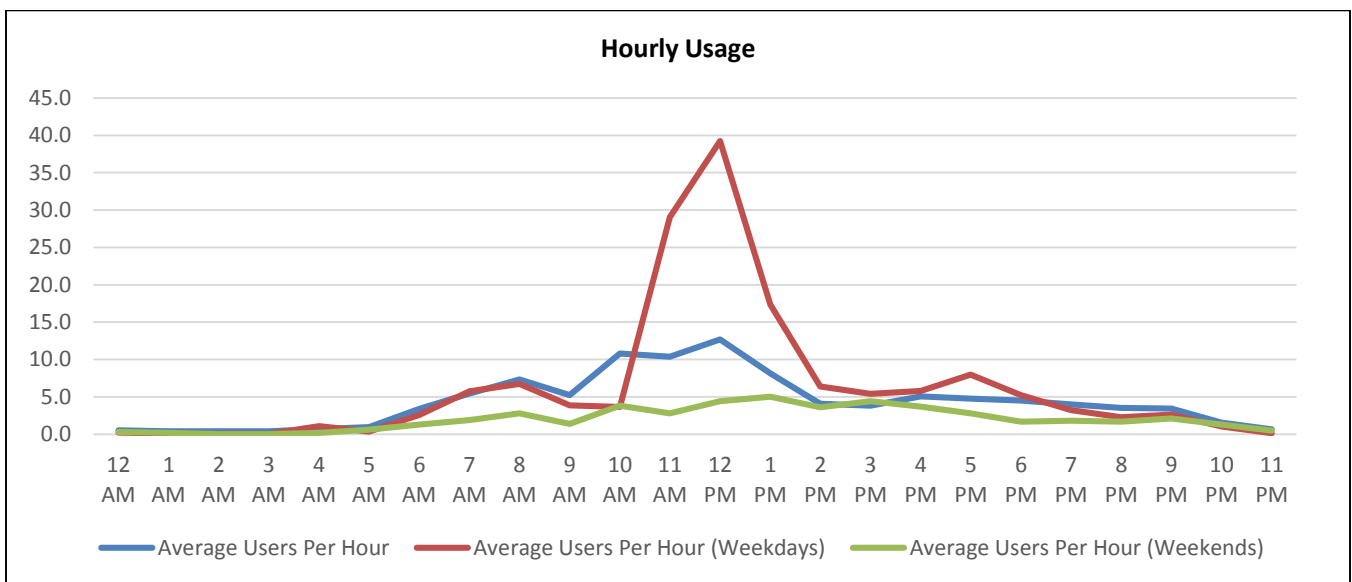
Image 6: Sidewalk along Richmond Ave. Facing West

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Saturday, July 25, 2015	37	99	75	0
Sunday, July 26, 2015	55	99	78	0
Monday, July 27, 2015	226	98	80	0
Tuesday, July 28, 2015	200	100	76	0
Wednesday, July 29, 2015	193	100	75	0
Thursday, July 30, 2015	247	101	79	0.17
Friday, July 31, 2015	168	99	78	0
Saturday, August 1, 2015	48	97	85	0
Sunday, August 2, 2015	79	99	86	0
Monday, August 3, 2015	183	99	86	0
Tuesday, August 4, 2015	165	98	87	Trace
Wednesday, August 5, 2015	136	99	90	0
Thursday, August 6, 2015	158	100	89	0
Friday, August 7, 2015	158	100	89	0
Saturday, August 8, 2015	30	100	89	0
Sunday, August 9, 2015	51	102	90	0
Monday, August 10, 2015	174	102	91	0
Tuesday, August 11, 2015	137	106	92	0.17
Wednesday, August 12, 2015	137	99	87	0
Thursday, August 13, 2015	86	99	88	0
Friday, August 14, 2015	111	100	89	0
Saturday, August 15, 2015	42	99	86	0
Sunday, August 16, 2015	57	96	85	0.75
Monday, August 17, 2015	193	94	83	0
Tuesday, August 18, 2015	145	95	86	0
Wednesday, August 19, 2015	63	90	83	0.12
Thursday, August 20, 2015	41	79	76	0.92
Friday, August 21, 2015	94	88	81	0.8
Saturday, August 22, 2015	29	93	85	0
Sunday, August 23, 2015	55	98	87	0
Monday, August 24, 2015	162	97	88	0
Tuesday, August 25, 2015	126	94	84	0.18
Total	3,786			
Average Daily Usage	118			
Average Daily Usage (Weekday)	150			
Average Daily Usage (Weekend)	48			

*Weather conditions recorded at KHOU (Houston, TX).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.5	0.2	0.3
1:00 a.m.	0.4	0.1	0.2
2:00 a.m.	0.4	0.0	0.0
3:00 a.m.	0.4	0.0	0.0
4:00 a.m.	0.7	1.1	0.2
5:00 a.m.	1.0	0.4	0.6
6:00 a.m.	3.4	2.6	1.3
7:00 a.m.	5.5	5.7	1.9
8:00 a.m.	7.3	6.7	2.8
9:00 a.m.	5.3	3.9	1.4
10:00 a.m.	10.8	3.6	3.8
11:00 a.m.	10.4	29.0	2.8
12:00 p.m.	12.7	39.2	4.4
1:00 p.m.	8.2	17.4	5.0
2:00 p.m.	4.1	6.4	3.6
3:00 p.m.	3.8	5.4	4.4
4:00 p.m.	5.1	5.8	3.7
5:00 p.m.	4.8	8.0	2.8
6:00 p.m.	4.5	5.2	1.7
7:00 p.m.	4.0	3.2	1.8
8:00 p.m.	3.5	2.3	1.7
9:00 p.m.	3.4	2.6	2.1
10:00 p.m.	1.5	1.0	1.3
11:00 p.m.	0.7	0.1	0.5



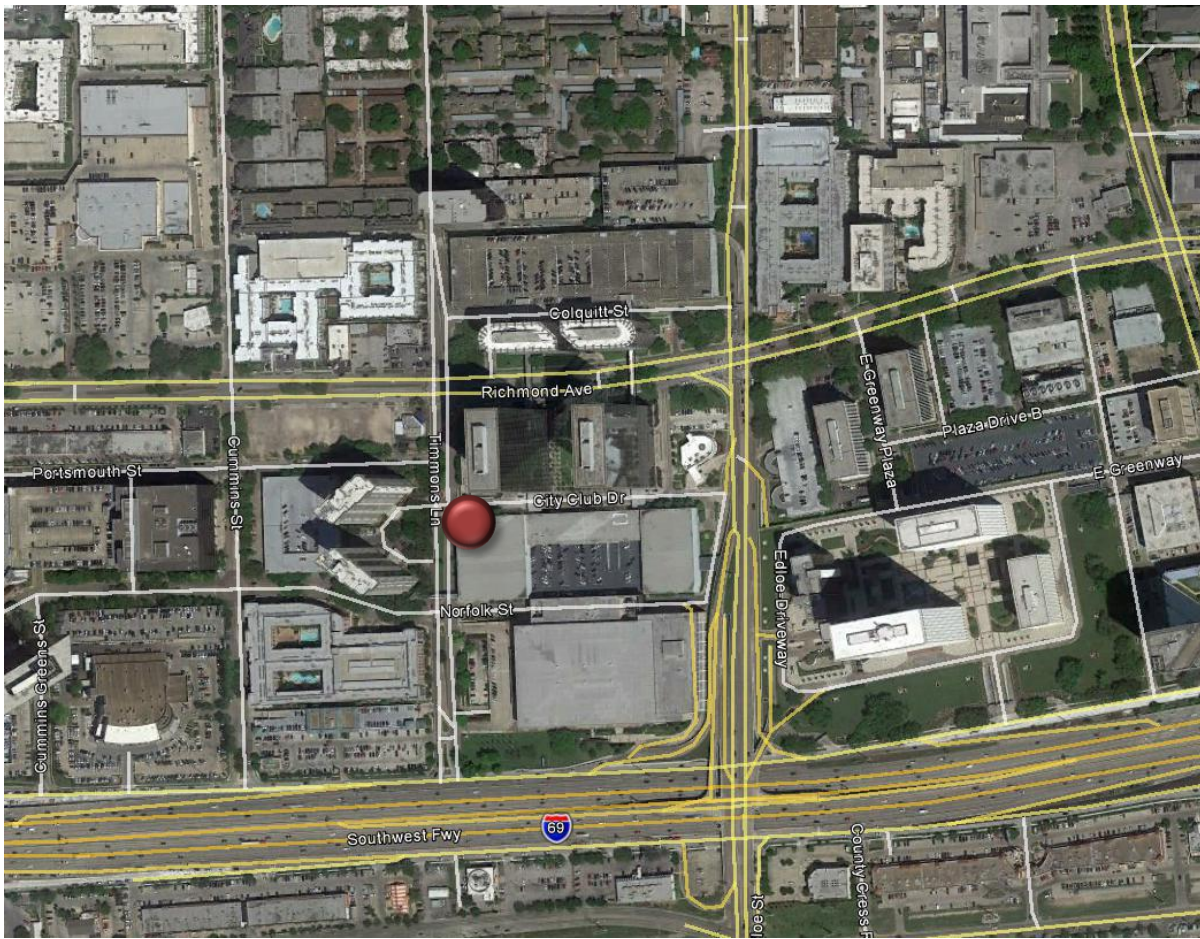
Counter #4

Timmons Lane at City Club Drive (Southeast Corner)

Location Information		
Location Name	Timmons Lane at City Club Drive (Southeast Corner)	
Location Description	Sidewalk near the southeast corner of the Timmons Lane/City Club Drive intersection (Greenway Plaza)	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council	
GPS Coordinates	29°43'53.72"N, 95°26'10.58"W	
Surrounding Land Uses	North	Office, Commercial
	South	Multi-Family Residential, Institutional (Lakewood Church), Commercial
	East	Office
	West	Multi-Family Residential
What object was device secured to?	Light Post (Pedestrian Crossing/No Parking Signs Attached)	
Sidewalk Width	4 feet	
Buffer Width	3 feet	
Street Width	Five-Lane Divided Roadway	
Parallel Parking	No	
Landscaping or Trees	Trees and Landscaping along Timmons Lane	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	30 mph	
Street Lighting	Yes	
Street Traffic Volume	5,020 (3200 Timmons Lane: 2006)	
Transit	Nearby (METRO Bus Stop 450 feet north at Timmons Lane/Richmond Ave.)	
Shade	Yes (Tress Planted along Timmons Lane)	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • There tends to be higher usage on weekends than during weekdays. • Sunday is the busiest day of the week, with an average of 364 users. Increased pedestrian traffic could be associated with those walking to and from nearby Lakewood Church (3700 Southwest Freeway). Attendees can park at the garage on the north side of Colquitt Street, then walk or take a shuttle to the church. • On weekdays, usage peaks mid-day (11:00 a.m. – 2:00 p.m.), with less pronounced increases in the morning (8:00 a.m. – 9:00 a.m.) and evening (5:00 p.m. – 7:00 p.m.). • On weekends, usage is high throughout the day (8:00 a.m. – 4:00 p.m.). Increased pedestrian traffic during those periods could be associated with those walking to and from nearby Lakewood Church, which has services on Sundays at 8:30 a.m., 11:00 a.m., and 1:45 p.m. • Rain seems to have a negative impact on usage. The wettest day (Thursday, August 20, 2015: 0.92 inches of rainfall) had the least usage (27 users).

Location Information: Map



Location Information: Photos



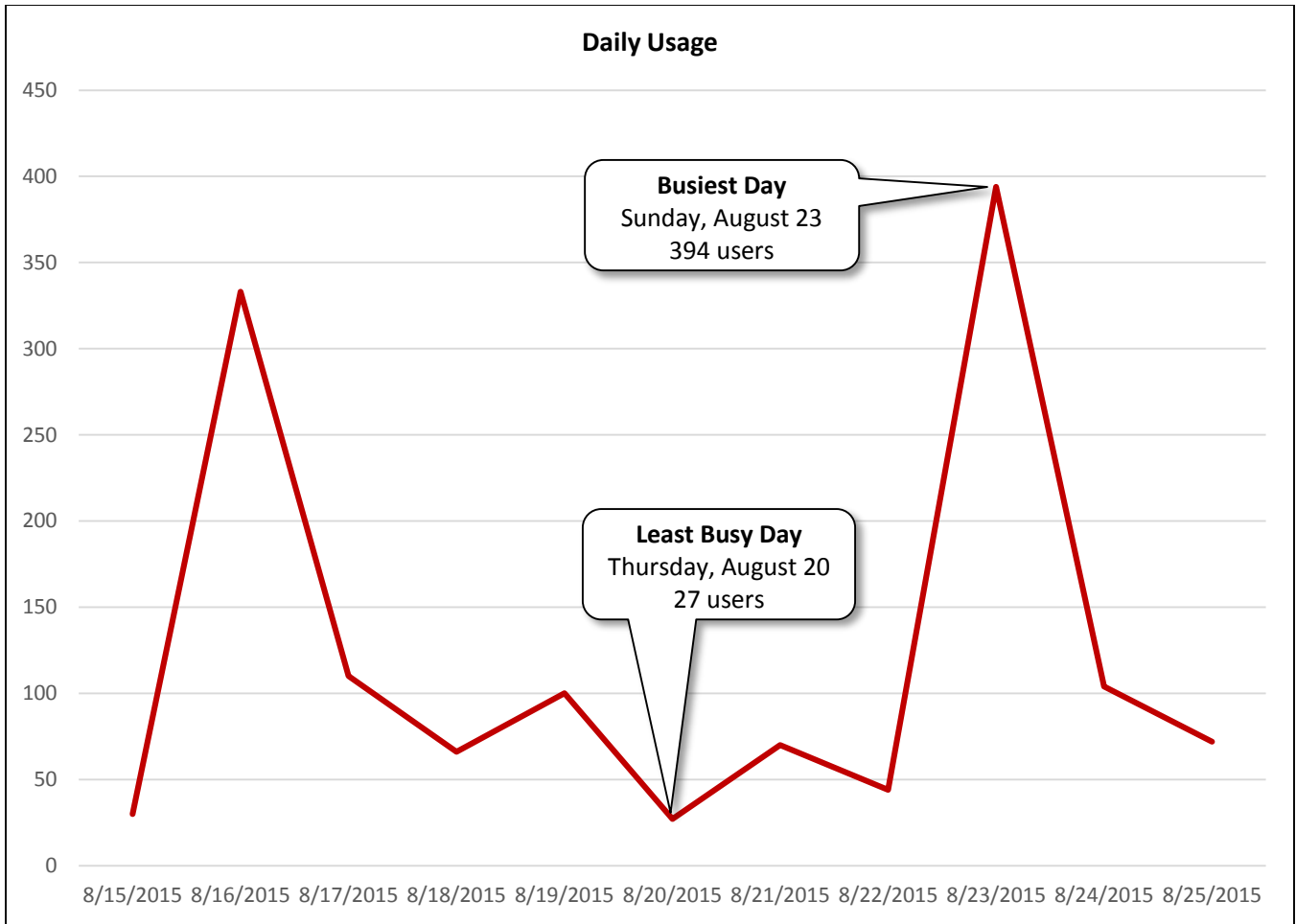
Image 7: Sidewalk along Timmons Lane Facing North



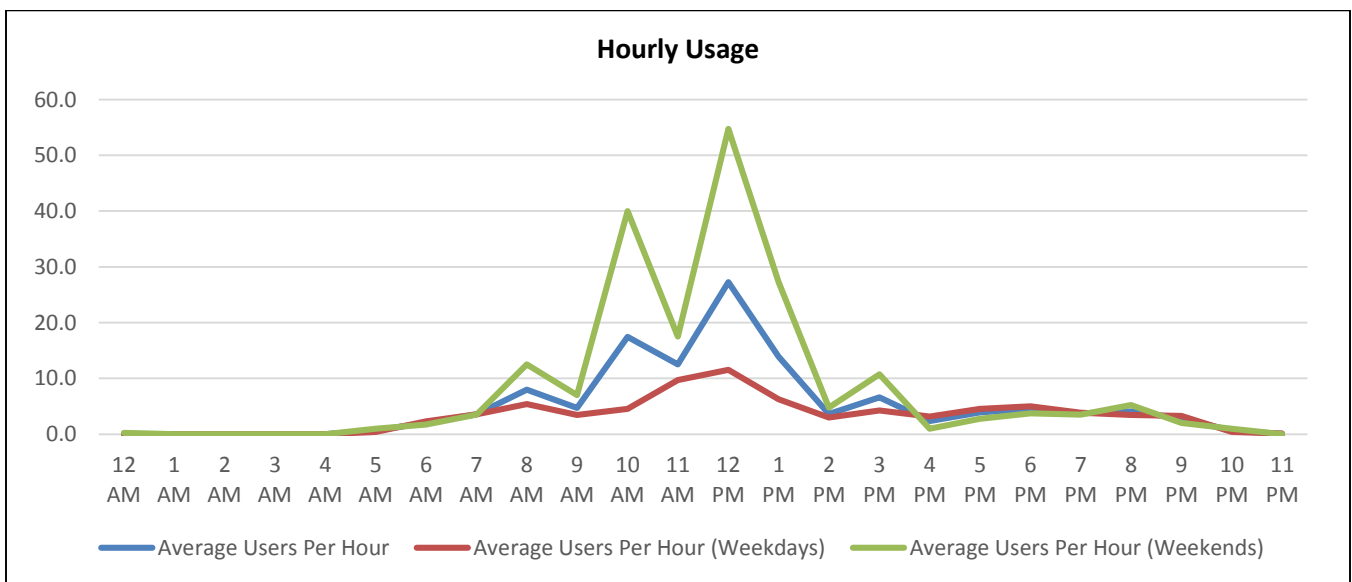
Image 8: Sidewalk along Timmons Lane Facing South

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Saturday, August 15, 2015	30	99	86	0
Sunday, August 16, 2015	333	96	85	0.75
Monday, August 17, 2015	110	94	83	0
Tuesday, August 18, 2015	66	95	86	0
Wednesday, August 19, 2015	100	90	83	0.12
Thursday, August 20, 2015	27	79	76	0.92
Friday, August 21, 2015	70	88	81	0.8
Saturday, August 22, 2015	44	93	85	0
Sunday, August 23, 2015	394	98	87	0
Monday, August 24, 2015	104	97	88	0
Tuesday, August 25, 2015	72	94	84	0.18
Total	1,350			
Average Daily Usage	123			
Average Daily Usage (Weekday)	78			
Average Daily Usage (Weekend)	200			

*Weather conditions recorded at KHOU (Houston, TX).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.1	0.0	0.3
1:00 a.m.	0.0	0.0	0.0
2:00 a.m.	0.0	0.0	0.0
3:00 a.m.	0.0	0.0	0.0
4:00 a.m.	0.0	0.0	0.0
5:00 a.m.	0.6	0.4	1.0
6:00 a.m.	2.1	2.3	1.8
7:00 a.m.	3.5	3.6	3.5
8:00 a.m.	8.0	5.4	12.5
9:00 a.m.	4.7	3.4	7.0
10:00 a.m.	17.5	4.6	40.0
11:00 a.m.	12.5	9.7	17.5
12:00 p.m.	27.3	11.6	54.8
1:00 p.m.	13.9	6.3	27.3
2:00 p.m.	3.6	3.0	4.8
3:00 p.m.	6.6	4.3	10.8
4:00 p.m.	2.4	3.1	1.0
5:00 p.m.	3.9	4.6	2.8
6:00 p.m.	4.5	5.0	3.8
7:00 p.m.	3.7	3.9	3.5
8:00 p.m.	4.1	3.4	5.3
9:00 p.m.	2.8	3.3	2.0
10:00 p.m.	0.6	0.4	1.0
11:00 p.m.	0.1	0.1	0.0



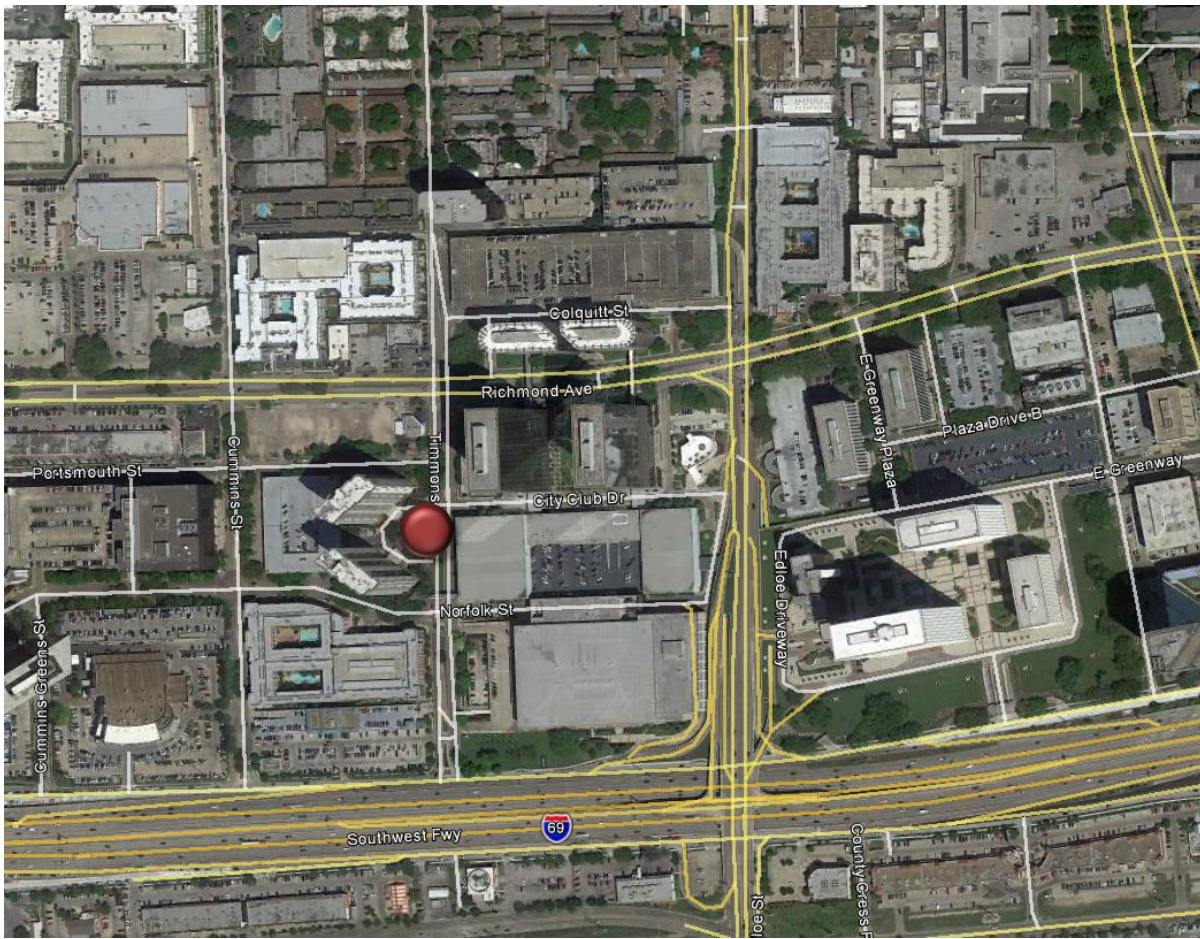
Counter #5

Timmons Lane at City Club Drive (Southwest Corner)

Location Information		
Location Name	Timmons Lane at City Club Drive (Southwest Corner)	
Location Description	Sidewalk near the southwest corner of the Timmons Lane/City Club Drive intersection (Greenway Plaza)	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council	
GPS Coordinates	29°43'53.38"N, 95°26'11.54"W	
Surrounding Land Uses	North	Office, Commercial
	South	Multi-Family Residential, Institutional (Lakewood Church), Commercial
	East	Office
	West	Multi-Family Residential
What object was device secured to?	Sign Post (No Parking)	
Sidewalk Width	6 feet	
Buffer Width	None	
Street Width	Five-Lane Divided Roadway	
Parallel Parking	None	
Landscaping or Trees	Trees and Landscaping along Timmons Lane	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Fair (Some Unevenness and Cracks)	
Speed Limit	30 mph	
Street Lighting	Yes	
Street Traffic Volume	5,020 (3200 Timmons Lane: 2006)	
Transit	Nearby (METRO Bus Stop 500 feet north at Timmons Lane/Richmond Ave.)	
Shade	Yes (Trees Planted along Timmons Lane)	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • There tends to be higher usage on weekdays than on weekends. • On weekdays, usage peaks mid-day (11:00 a.m. – 2:00 p.m.), with less pronounced increases in the morning (7:00 a.m. – 9:00 a.m.) and evening (4:00 p.m. – 9:00 p.m.). • On weekends, usage remains relatively steady throughout the day, with the highest usage in the morning (7:00 a.m. – 9:00 a.m.). • Rain seems to have a negative impact on usage. The wettest day (Thursday, August 20, 2015: 0.92 inches of rainfall) had the least usage of any weekday during the deployment period (72 users).

Location Information: Map



Location Information: Photos

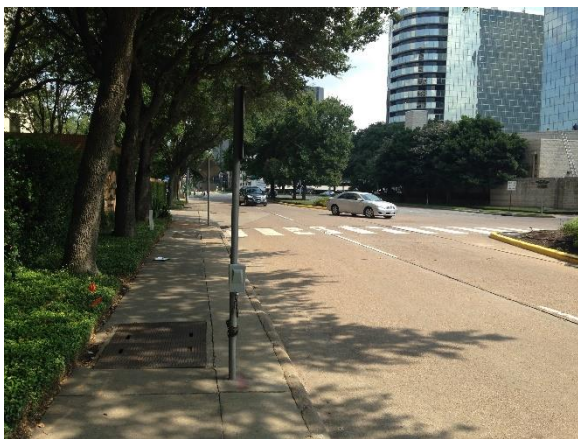


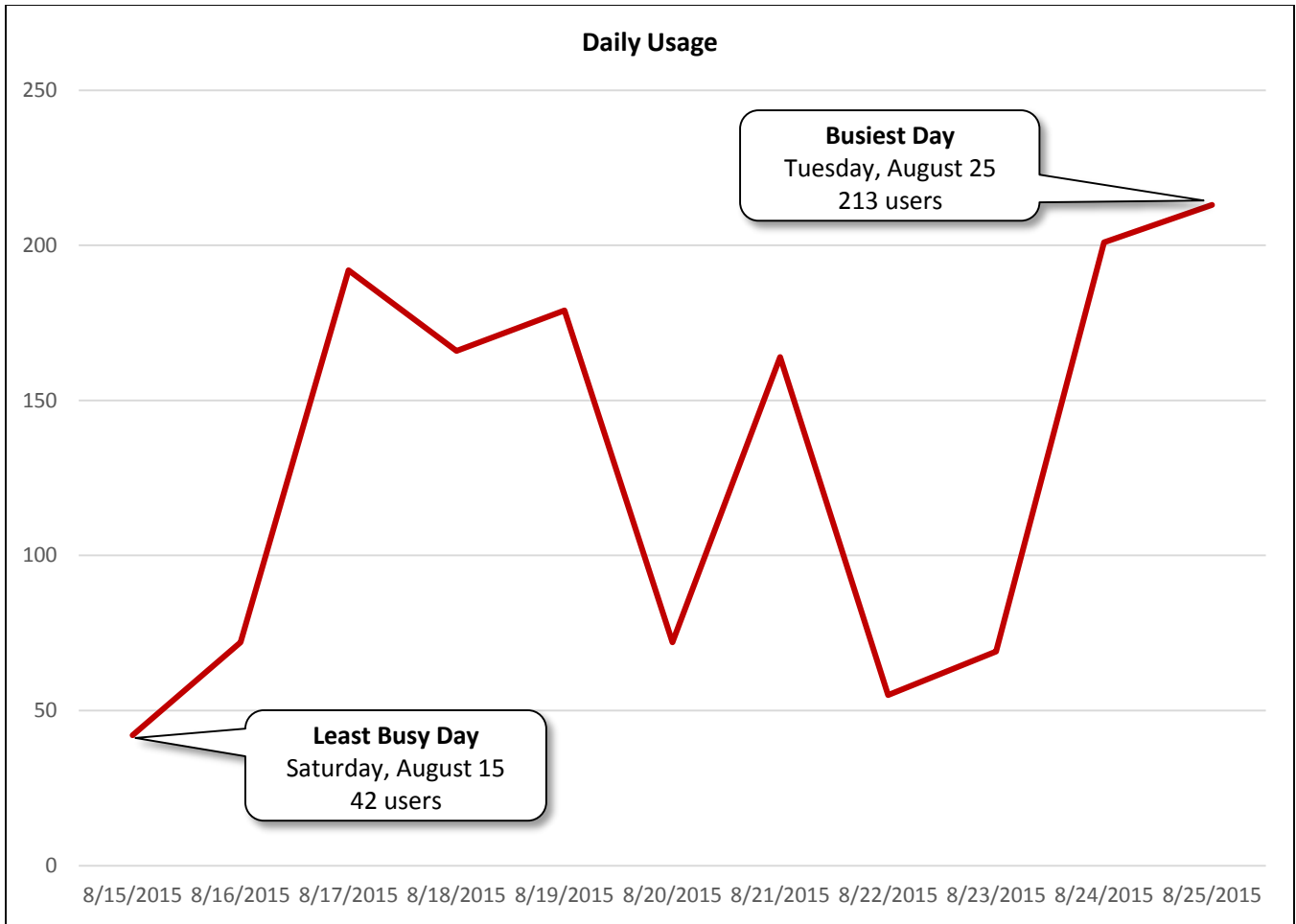
Image 9: Sidewalk along Timmons Lane Facing North



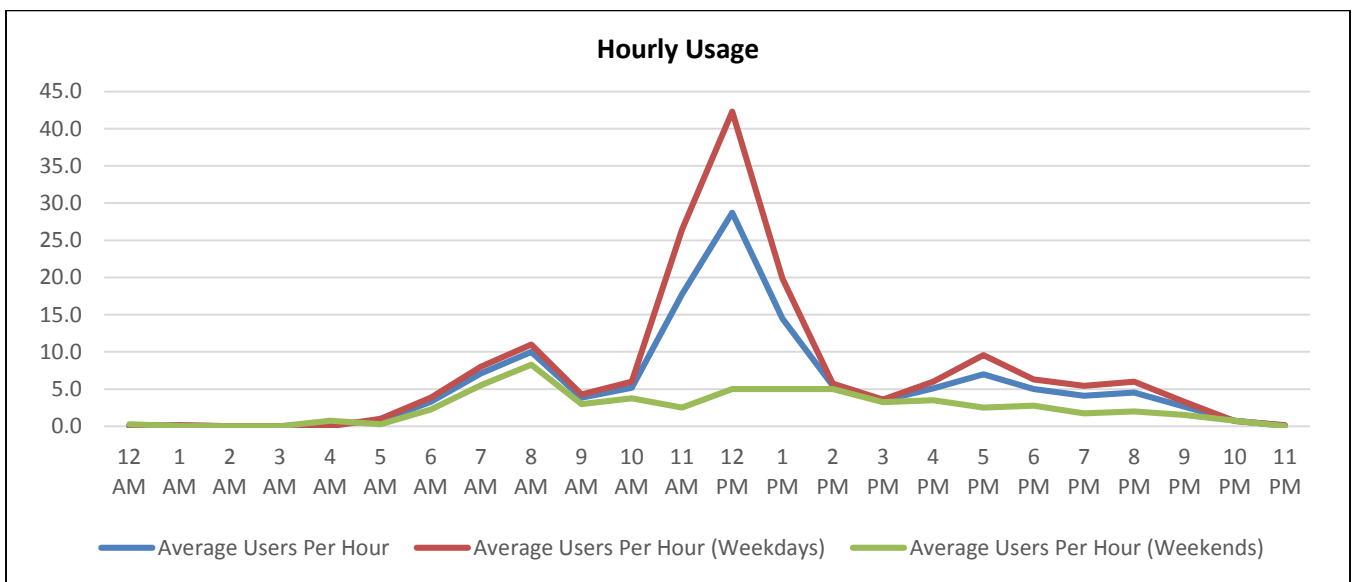
Image 10: Sidewalk along Timmons Lane Facing South

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Saturday, August 15, 2015	42	99	86	0
Sunday, August 16, 2015	72	96	85	0.75
Monday, August 17, 2015	192	94	83	0
Tuesday, August 18, 2015	166	95	86	0
Wednesday, August 19, 2015	179	90	83	0.12
Thursday, August 20, 2015	72	79	76	0.92
Friday, August 21, 2015	164	88	81	0.8
Saturday, August 22, 2015	55	93	85	0
Sunday, August 23, 2015	69	98	87	0
Monday, August 24, 2015	201	97	88	0
Tuesday, August 25, 2015	213	94	84	0.18
Total	1,425			
Average Daily Usage	130			
Average Daily Usage (Weekday)	170			
Average Daily Usage (Weekend)	60			

*Weather conditions recorded at KHOU (Houston, TX).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.1	0.0	0.3
1:00 a.m.	0.1	0.1	0.0
2:00 a.m.	0.0	0.0	0.0
3:00 a.m.	0.0	0.0	0.0
4:00 a.m.	0.3	0.0	0.8
5:00 a.m.	0.7	1.0	0.3
6:00 a.m.	3.3	3.9	2.3
7:00 a.m.	7.1	8.0	5.5
8:00 a.m.	10.0	11.0	8.3
9:00 a.m.	3.8	4.3	3.0
10:00 a.m.	5.2	6.0	3.8
11:00 a.m.	17.7	26.4	2.5
12:00 p.m.	28.7	42.3	5.0
1:00 p.m.	14.5	19.9	5.0
2:00 p.m.	5.5	5.7	5.0
3:00 p.m.	3.5	3.6	3.3
4:00 p.m.	5.1	6.0	3.5
5:00 p.m.	7.0	9.6	2.5
6:00 p.m.	5.0	6.3	2.8
7:00 p.m.	4.1	5.4	1.8
8:00 p.m.	4.5	6.0	2.0
9:00 p.m.	2.6	3.3	1.5
10:00 p.m.	0.7	0.7	0.8
11:00 p.m.	0.1	0.1	0.0



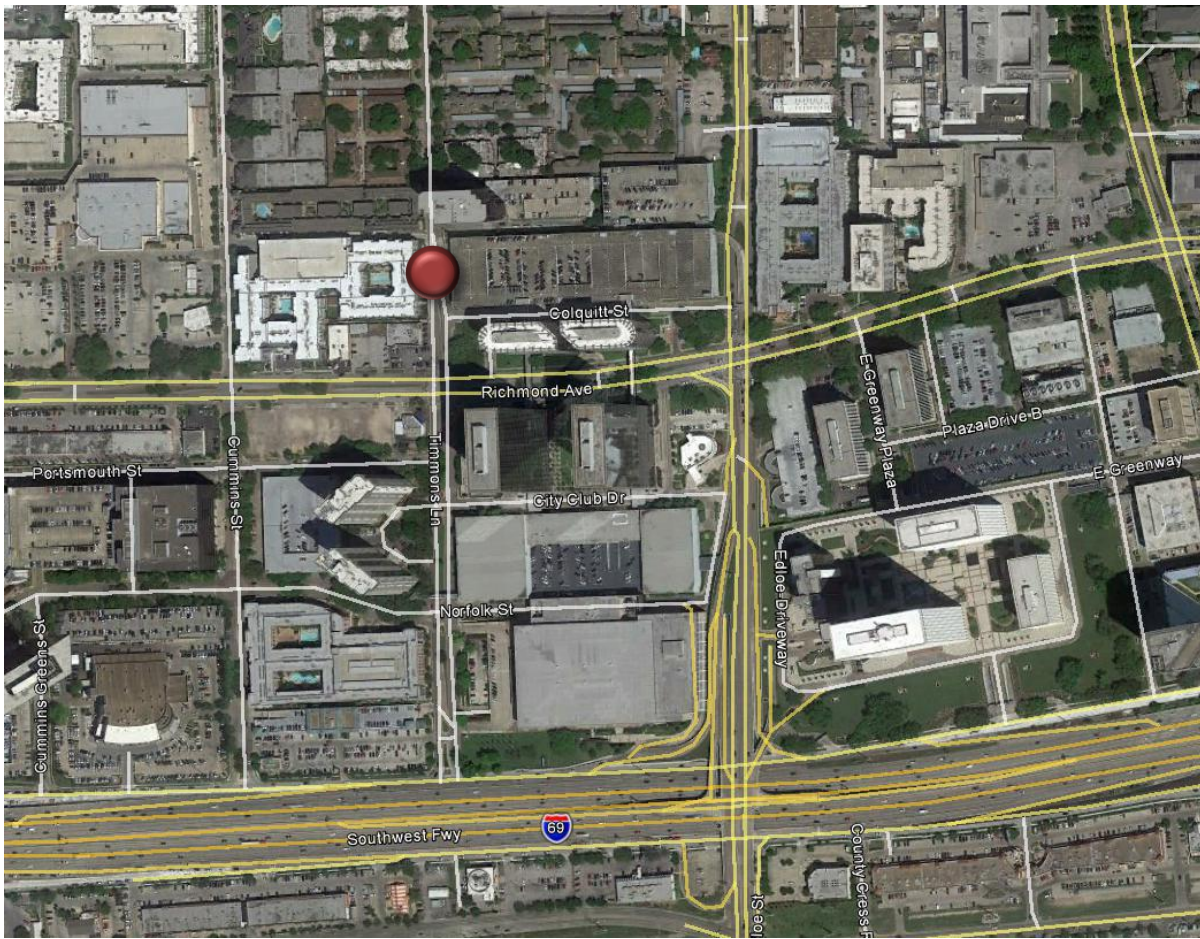
Counter #6

Timmons Lane at Colquitt Street (Northwest Corner)

Location Information		
Location Name	Timmons Lane at Colquitt Street (Northwest Corner)	
Location Description	Sidewalk near the northwest corner of the Timmons Lane/Colquitt Street intersection (Greenway Plaza)	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council	
GPS Coordinates	29°44'1.34"N, 95°26'11.50"W	
Surrounding Land Uses	North	Office, Multi-Family Residential
	South	Multi-Family Residential, Commercial, Office
	East	Office, Parking Garage
	West	Multi-Family Residential, Commercial
What object was device secured to?	Utility Pole	
Sidewalk Width	5 feet	
Buffer Width	None	
Street Width	Four-Lane Divided Roadway (Narrows to Two-Lane Undivided Roadway Nearby)	
Parallel Parking	None	
Landscaping or Trees	Landscaping and Young Trees Next to Sidewalk	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Excellent	
Speed Limit	30 mph	
Street Lighting	Yes	
Street Traffic Volume	5,020 (3200 Timmons Lane: 2006)	
Transit	Yes (METRO Stop about 100 feet north on Timmons Lane)	
Shade	None	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • There tends to be higher usage on weekdays than on weekends. • On weekdays, usage peaks in the evening (4:00 p.m. – 11:00 p.m.), with less pronounced increases in the morning (7:00 a.m. – 10:00 a.m.) and mid-day (11:00 a.m. – 2:00 p.m.). • On weekends, usage remains relatively steady throughout the day, with the highest usage later in the day (7:00 p.m. – 10:00 p.m.).

Location Information: Map



Location Information: Photos

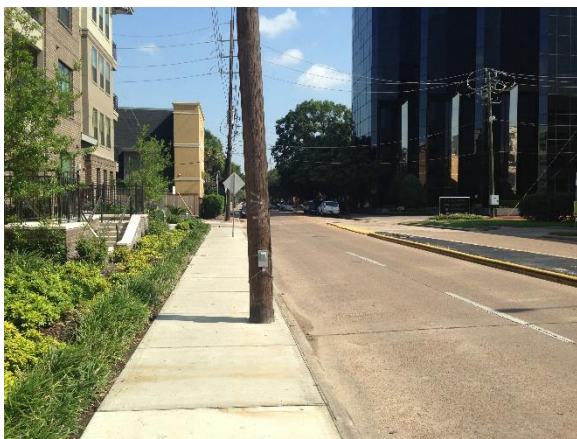


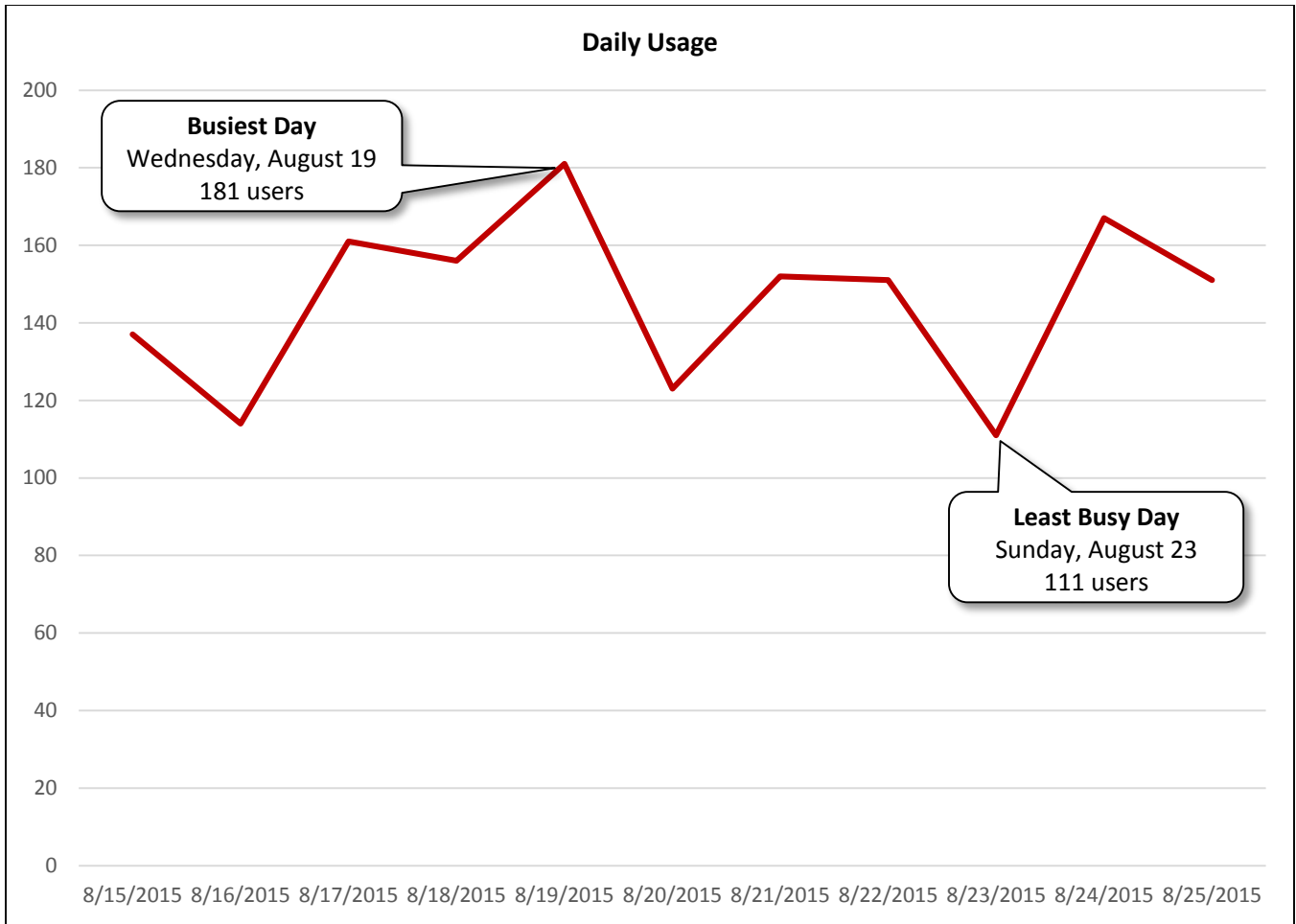
Image 11: Sidewalk along Timmons Lane Facing North



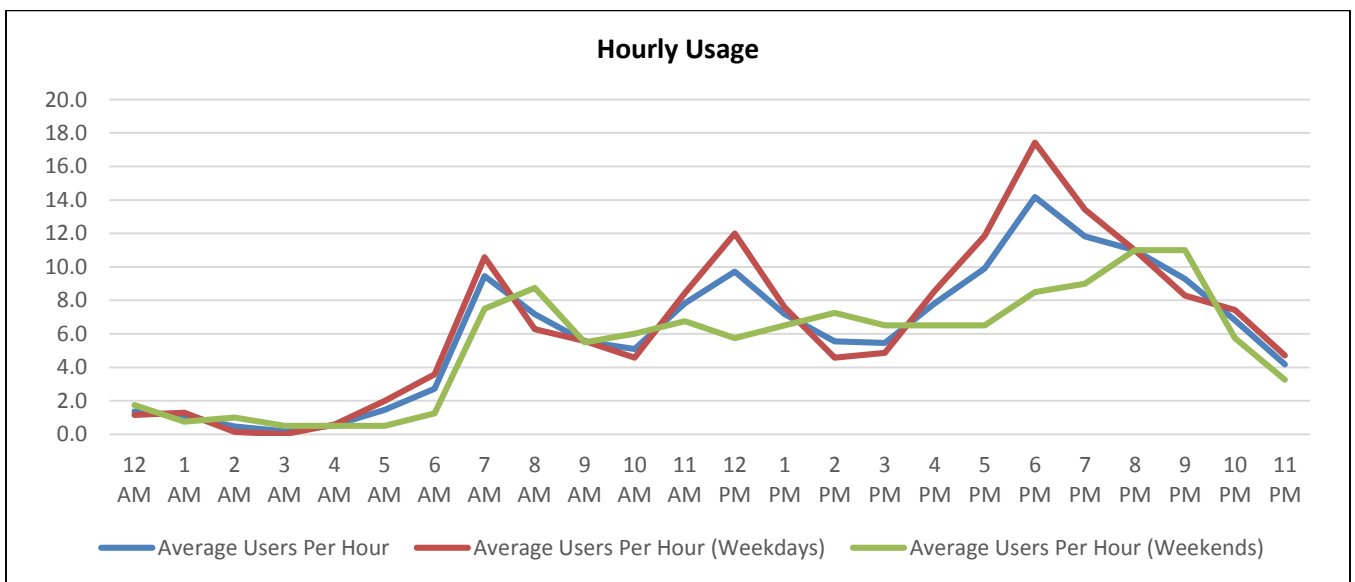
Image 12: Sidewalk along Timmons Lane Facing South

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Saturday, August 15, 2015	137	99	86	0
Sunday, August 16, 2015	114	96	85	0.75
Monday, August 17, 2015	161	94	83	0
Tuesday, August 18, 2015	156	95	86	0
Wednesday, August 19, 2015	181	90	83	0.12
Thursday, August 20, 2015	123	79	76	0.92
Friday, August 21, 2015	152	88	81	0.8
Saturday, August 22, 2015	151	93	85	0
Sunday, August 23, 2015	111	98	87	0
Monday, August 24, 2015	167	97	88	0
Tuesday, August 25, 2015	151	94	84	0.18
Total	1,604			
Average Daily Usage	146			
Average Daily Usage (Weekday)	156			
Average Daily Usage (Weekend)	128			

*Weather conditions recorded at KHOU (Houston, TX).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	1.4	1.1	1.8
1:00 a.m.	1.1	1.3	0.8
2:00 a.m.	0.5	0.1	1.0
3:00 a.m.	0.2	0.0	0.5
4:00 a.m.	0.5	0.6	0.5
5:00 a.m.	1.5	2.0	0.5
6:00 a.m.	2.7	3.6	1.3
7:00 a.m.	9.5	10.6	7.5
8:00 a.m.	7.2	6.3	8.8
9:00 a.m.	5.5	5.6	5.5
10:00 a.m.	5.1	4.6	6.0
11:00 a.m.	7.8	8.4	6.8
12:00 p.m.	9.7	12.0	5.8
1:00 p.m.	7.2	7.6	6.5
2:00 p.m.	5.5	4.6	7.3
3:00 p.m.	5.5	4.9	6.5
4:00 p.m.	7.8	8.6	6.5
5:00 p.m.	9.9	11.9	6.5
6:00 p.m.	14.2	17.4	8.5
7:00 p.m.	11.8	13.4	9.0
8:00 p.m.	11.0	11.0	11.0
9:00 p.m.	9.3	8.3	11.0
10:00 p.m.	6.8	7.4	5.8
11:00 p.m.	4.2	4.7	3.3



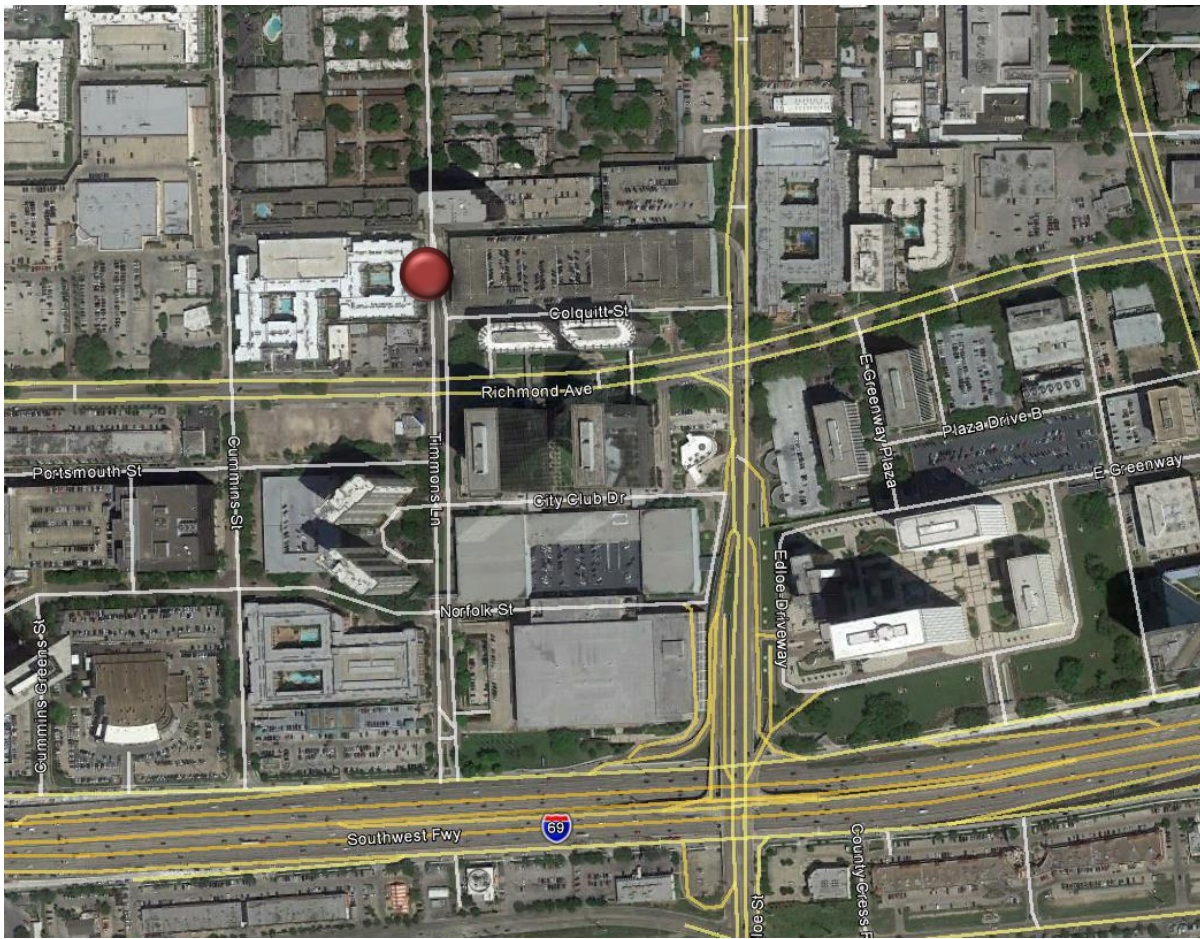
Counter #7

Timmons Lane at Colquitt Street (Northeast Corner)

Location Information		
Location Name	Timmons Lane at Colquitt Street (Northeast Corner)	
Location Description	Sidewalk near the northeast corner of the Timmons Lane/Colquitt Street intersection (Greenway Plaza)	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council	
GPS Coordinates	29°44'1.44"N, 95°26'10.81"W	
Surrounding Land Uses	North	Office, Multi-Family Residential
	South	Multi-Family Residential, Commercial, Office
	East	Office, Parking Garage
	West	Multi-Family Residential, Commercial
What object was device secured to?	Sign Post (Merge Left/Do Not Block Driveway/No Parking)	
Sidewalk Width	4 feet	
Buffer Width	4 feet	
Street Width	Four-Lane Divided Roadway (Narrows to Two-Lane Undivided Roadway Nearby)	
Parallel Parking	None	
Landscaping or Trees	None	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	30 mph	
Street Lighting	Yes	
Street Traffic Volume	5,020 (3200 Timmons Lane: 2006)	
Transit	Yes (METRO Bus Stop about 50 feet north on Timmons Lane)	
Shade	None	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • There tends to be higher usage on weekdays than on weekends. • On weekdays, usage peaks mid-day (12:00 p.m. – 2:00 p.m.), with less pronounced increases in the morning (6:00 a.m. – 9:00 a.m.) and evening (4:00 p.m. – 8:00 p.m.). • On weekends, usage remains relatively steady throughout the day, with the highest usage in the morning (7:00 a.m. – 10:00 a.m.).

Location Information: Map



Location Information: Photos



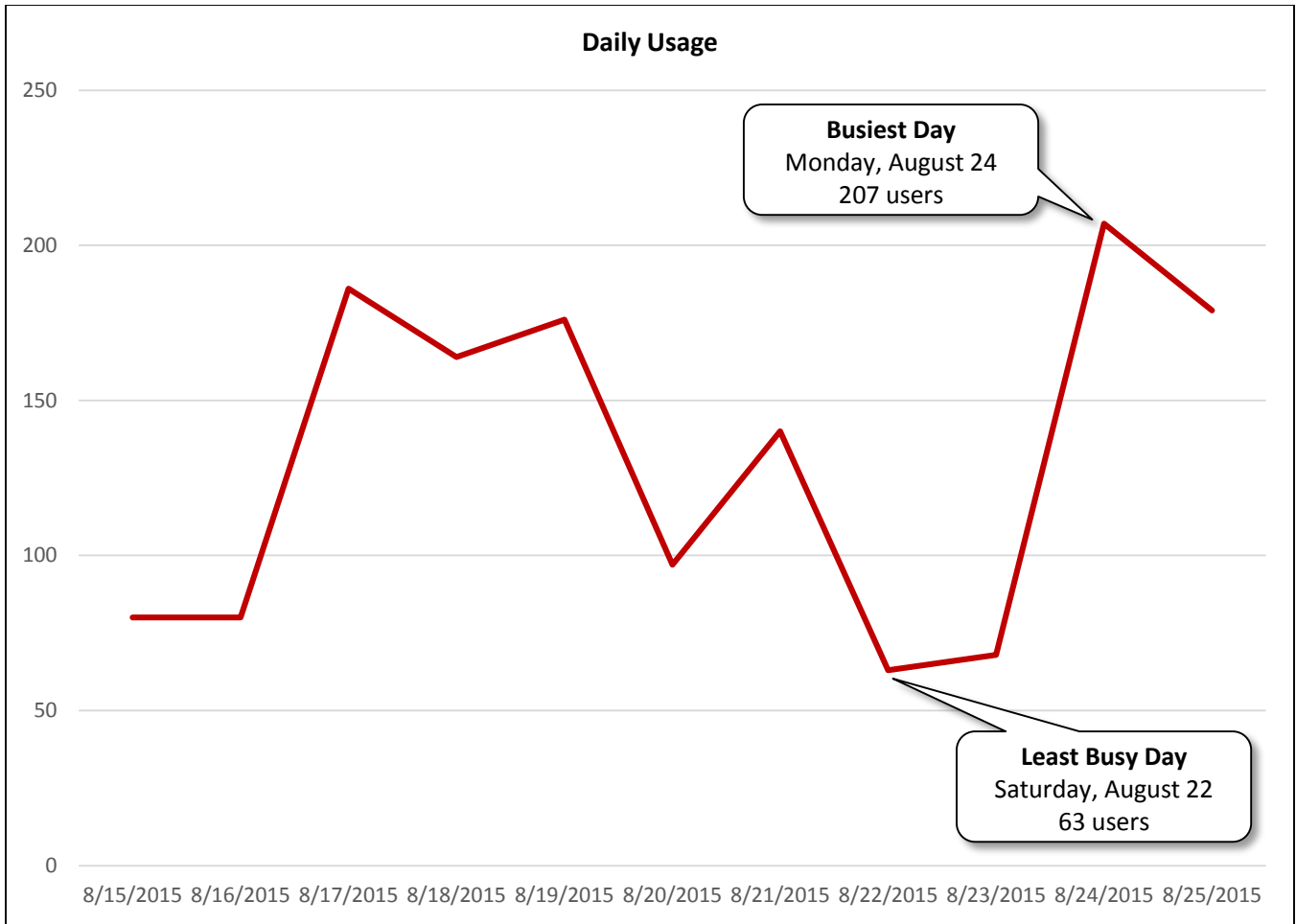
Image 13: Sidewalk along Timmons Lane Facing North



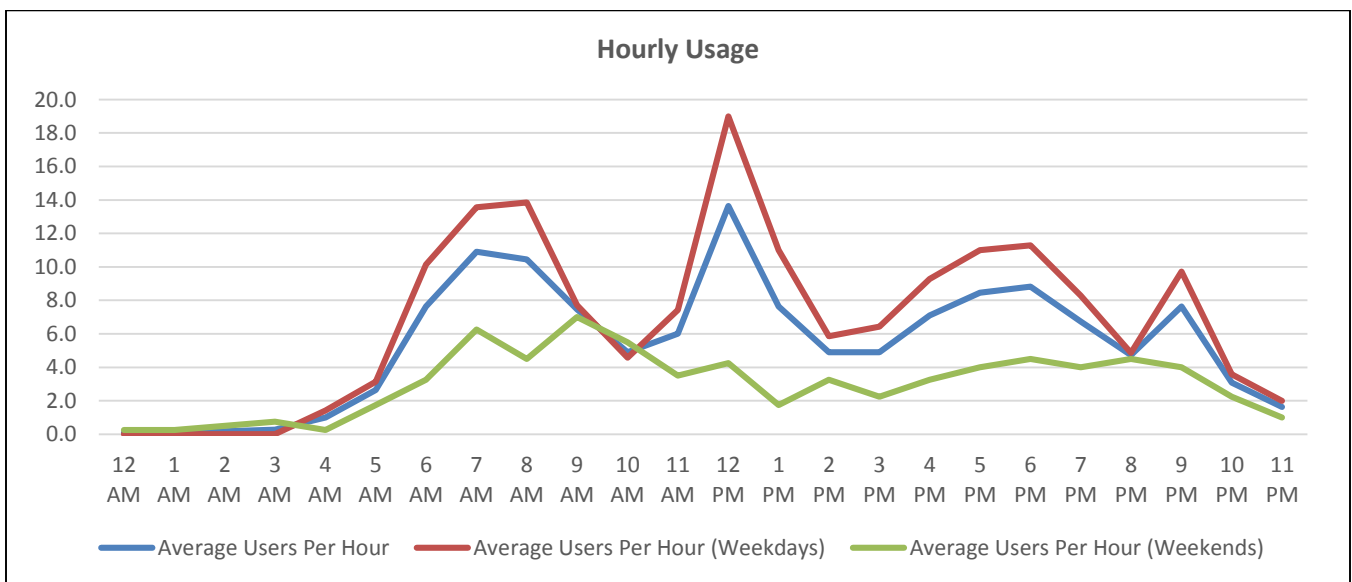
Image 14: Sidewalk along Timmons Lane Facing South

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Saturday, August 15, 2015	137	99	86	0
Sunday, August 16, 2015	114	96	85	0.75
Monday, August 17, 2015	161	94	83	0
Tuesday, August 18, 2015	156	95	86	0
Wednesday, August 19, 2015	181	90	83	0.12
Thursday, August 20, 2015	123	79	76	0.92
Friday, August 21, 2015	152	88	81	0.8
Saturday, August 22, 2015	151	93	85	0
Sunday, August 23, 2015	111	98	87	0
Monday, August 24, 2015	167	97	88	0
Tuesday, August 25, 2015	151	94	84	0.18
Total	1,440			
Average Daily Usage	131			
Average Daily Usage (Weekday)	164			
Average Daily Usage (Weekend)	73			

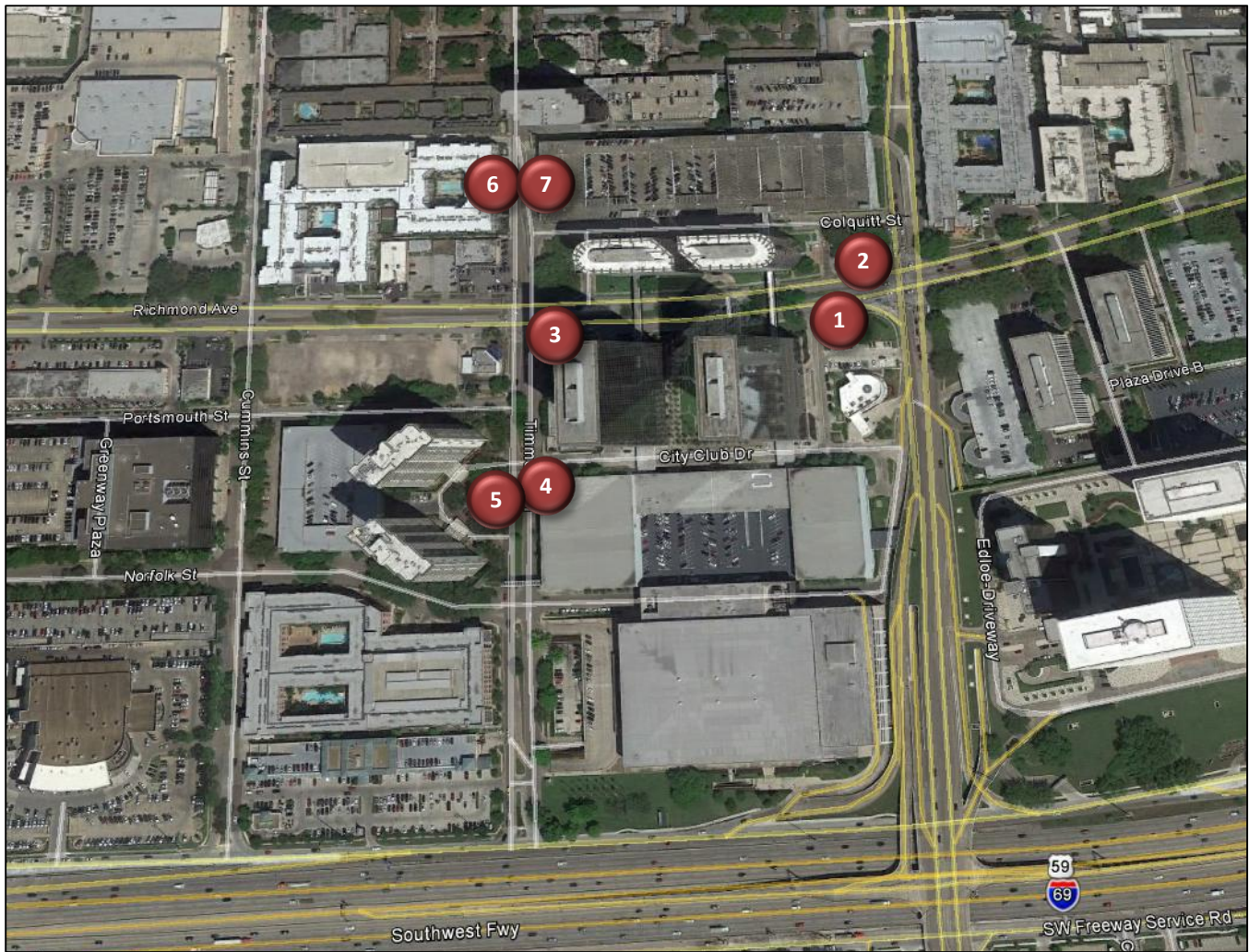
*Weather conditions recorded at KHOU (Houston, TX).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.1	0.0	0.3
1:00 a.m.	0.1	0.0	0.3
2:00 a.m.	0.2	0.0	0.5
3:00 a.m.	0.3	0.0	0.8
4:00 a.m.	1.0	1.4	0.3
5:00 a.m.	2.6	3.1	1.8
6:00 a.m.	7.6	10.1	3.3
7:00 a.m.	10.9	13.6	6.3
8:00 a.m.	10.5	13.9	4.5
9:00 a.m.	7.5	7.7	7.0
10:00 a.m.	4.9	4.6	5.5
11:00 a.m.	6.0	7.4	3.5
12:00 p.m.	13.6	19.0	4.3
1:00 p.m.	7.6	11.0	1.8
2:00 p.m.	4.9	5.9	3.3
3:00 p.m.	4.9	6.4	2.3
4:00 p.m.	7.1	9.3	3.3
5:00 p.m.	8.5	11.0	4.0
6:00 p.m.	8.8	11.3	4.5
7:00 p.m.	6.7	8.3	4.0
8:00 p.m.	4.7	4.9	4.5
9:00 p.m.	7.6	9.7	4.0
10:00 p.m.	3.1	3.6	2.3
11:00 p.m.	1.6	2.0	1.0



Counter Locations



Counter	Location	Deployment Period	Average Daily Usage	Average Daily Usage (Weekday)	Average Daily Usage (Weekend)
1	Richmond Ave. at Edloe St. (Southwest Corner)	July 25, 2015 – August 25, 2015	65	80	32
2	Richmond Ave. at Edloe St. (Northwest Corner)		102	99	110
3	Richmond Ave. at Timmons Ln. (Southeast Corner)		118	150	48
4	Timmons Ln. at City Club Dr. (Southeast Corner)	August 15, 2015 – August 25, 2015	123	78	200
5	Timmons Ln. at City Club Dr. (Southwest Corner)		130	170	60
6	Timmons Ln. at Colquitt St. (Northwest Corner)		146	156	128
7	Timmons Ln. at Colquitt St. (Northeast Corner)		131	164	73

Participants

Houston-Galveston Area Council: Pedestrian-Bicyclist Planning
www.h-gac.com/go/pedbike

Texas Transportation Institute
<http://tti.tamu.edu/>