

HOUSTON-GALVESTON AREA COUNCIL



Temporary Pedestrian/Bicycle Counters Data Summary

Deployment Summary	
Sponsoring Agency	Houston-Galveston Area Council Texas Transportation Institute Texas Department of Transportation
Deployment Period	Friday, January 22, 2016 – Tuesday, February 2, 2016
Number of Counters Deployed	13
Facility Description	Sidewalks and Shared-Use Paths along/near BW 8 (City of Houston: Briar Hill Drive to Memorial Drive)
Locations Deployed (Houston-Galveston Area Council)	
Counter #1	BW 8 Southbound North of Memorial Drive
Counter #2	BW 8 Northbound North of Memorial Drive
Counter #3	BW 8 Southbound South of Memorial Drive
Counter #4	BW 8 Northbound South of Memorial Drive
Counter #5	BW 8 Southbound North of Boheme Drive
Counter #6	BW 8 Northbound North of Boheme Drive
Counter #7	Terry Hershey Trail at Boheme Drive
Locations Deployed (Texas Transportation Institute)	
Counter A	BW 8 Northbound South of Boheme Drive
Counter B	Terry Hershey Trail at BW 8 Northbound
Counter C	BW 8 Northbound at Buffalo Bayou
Counter D	BW 8 Northbound at Briar Hill Drive
Counter E	BW 8 Southbound at Buffalo Bayou
Counter F	Terry Hershey Trail West of BW 8

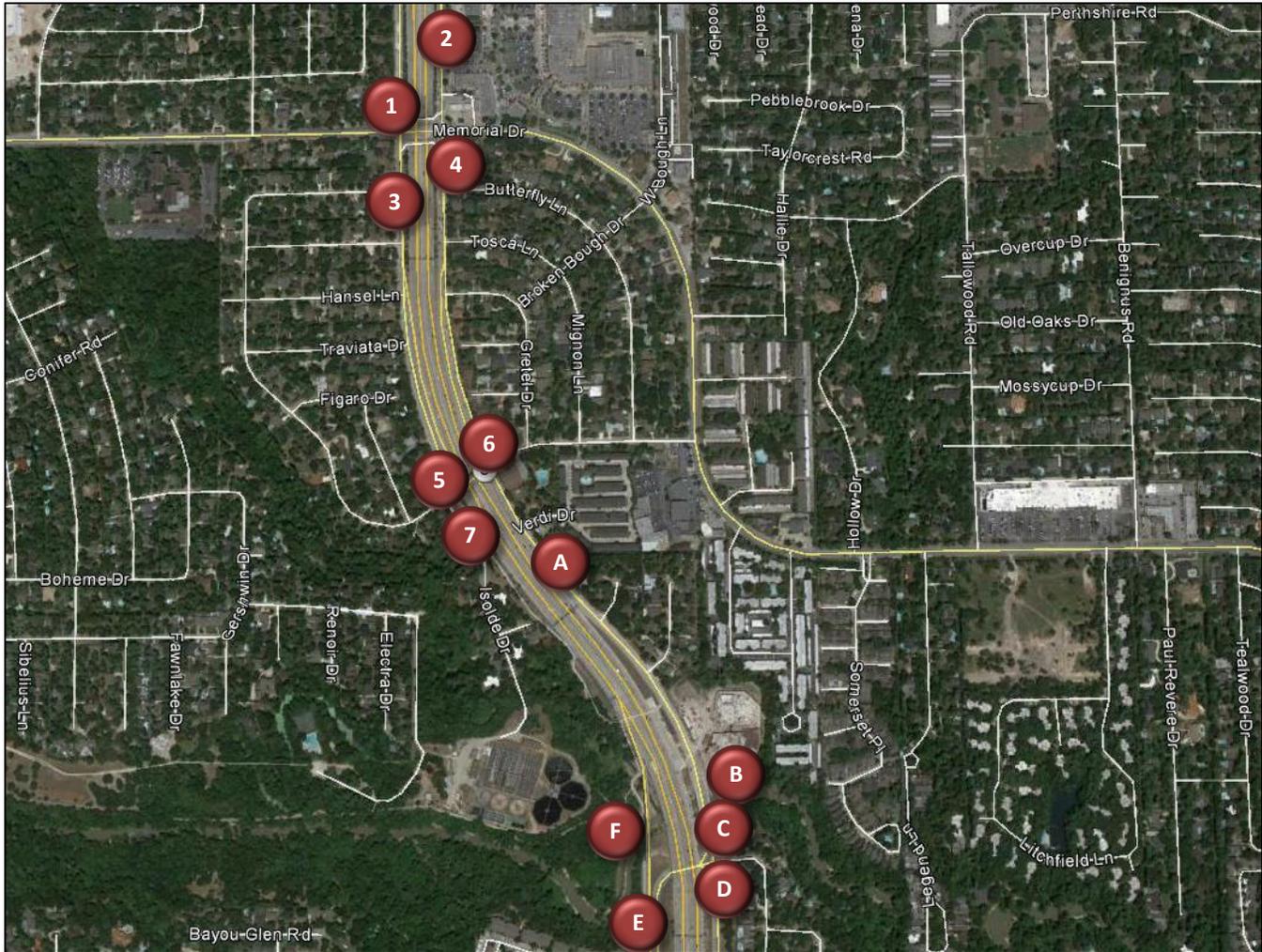
About the Temporary Pedestrian/Bicycle Counters

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.

The Texas Transportation Institute (TTI) owns additional temporary counters that it deploys along off-street pedestrian and bicycle facilities statewide.

Counter Locations

Beltway 8: Memorial Drive to Briar Hill Drive (City of Houston)



Counter	Location	Average Daily Usage	Total Users	Notes
1	BW 8 Southbound North of Memorial Drive	6	72	<p>*Counter #2 stopped collecting data before the deployment period ended (January 27, 2016: Approx. 9:00 p.m.).</p> <p>‡ Counter #6 and Counter #7 malfunctioned and did not collect data during the deployment period. Counter #6 was redeployed for 5½ days (February 12, 2016: 12:00 p.m. - February 17, 2016: 8:00 p.m.). Counter #7 was redeployed for 6 days (February 6, 2016 - February 11, 2016).</p>
2	BW 8 Northbound North of Memorial Drive	36*	214*	
3	BW 8 Southbound South of Memorial Drive	20	243	
4	BW 8 Northbound South of Memorial Drive	32	381	
5	BW 8 Southbound North of Boheme Drive	16	197	
6	BW 8 Northbound North of Boheme Drive	21‡	113‡	
7	Terry Hershey Trail at Boheme Drive	113‡	676‡	
A	BW 8 Northbound South of Boheme Drive	73	872	
B	Terry Hershey Trail at BW 8 Northbound	154	1,853	
C	BW 8 Northbound at Buffalo Bayou	74	883	
D	BW 8 Northbound at Briar Hill Drive	9	104	
E	BW 8 Southbound at Buffalo Bayou	1,122	13,459	
F	Terry Hershey Trail West of BW 8	703	8,439	

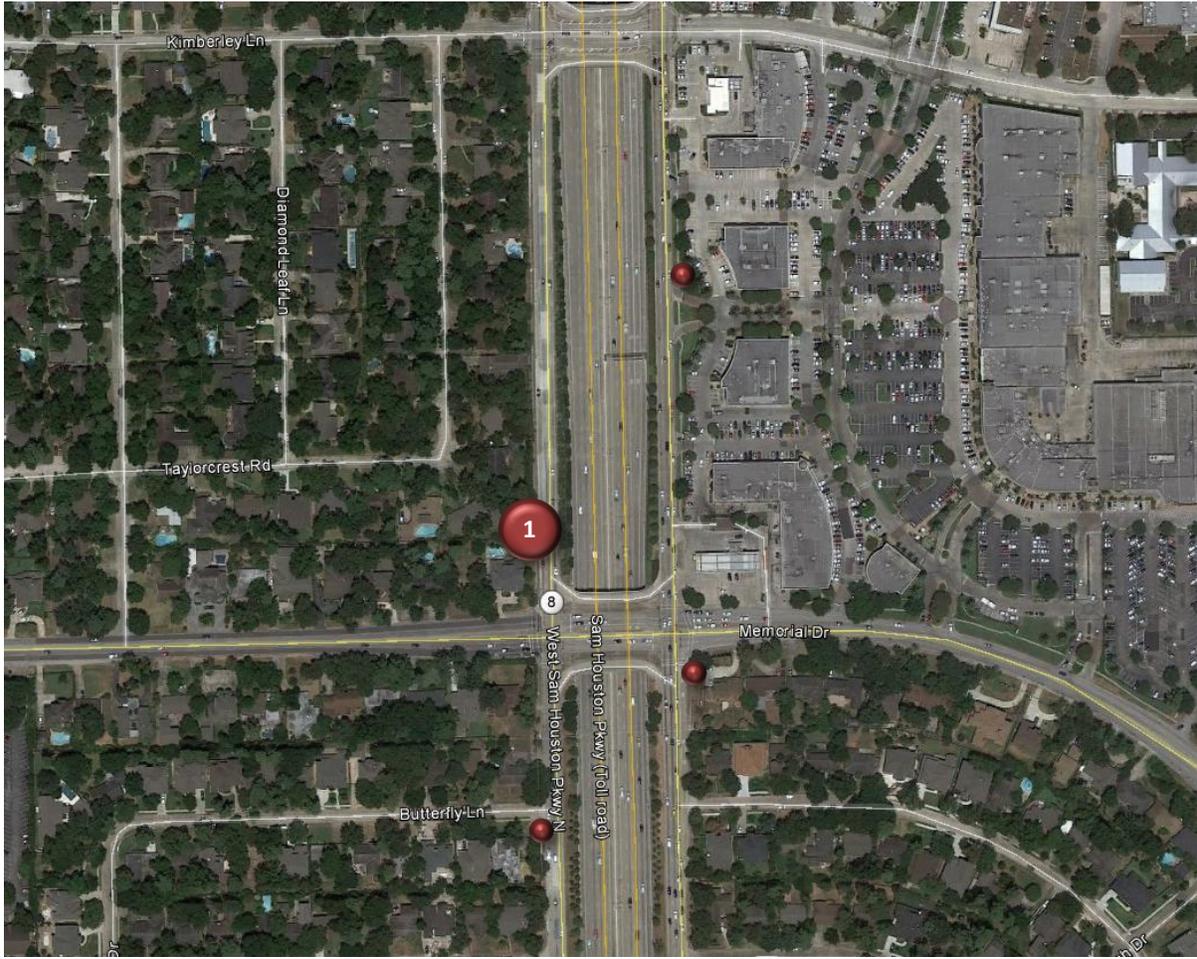
Counter #1

BW 8 Southbound North of Memorial Drive

Location Information		
Location Name	BW 8 Southbound North of Memorial Drive	
Location Description	Sidewalk along BW 8 Southbound North of Memorial Drive	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°46'24.41"N, 95°33'47.79"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Single-Family Residential
	East	Commercial/Retail, Single-Family Residential
	West	Single-Family Residential
What object was device secured to?	Sign Post (Harris County Constable: Precinct #5)	
Sidewalk Width	4'	
Buffer Width	4'	
Street Width	Three-Lane Frontage Road (One-Way Traffic)	
Parallel Parking	No	
Landscaping or Trees	No	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Fair (Some Cracks and Unevenness)	
Speed Limit	40 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	33,040 (BW 8 at Buffalo Bayou: TxDOT 2013)	
Transit	Nearby (METRO bus stop approx. 450' Southeast at Memorial Drive/BW 8 Northbound)	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Overall, pedestrian/bicycle usage is low at this location. • Usage tends to be higher during weekends than on weekdays. • On weekdays, usage is highest in the morning (9:00 a.m. – 10:00 a.m.) and evening (5:00 p.m. – 6:00 p.m.). • During weekends, usage is highest in the late morning (10:00 a.m. – 11:00 a.m.).

Location Information: Map



Location Information: Photos



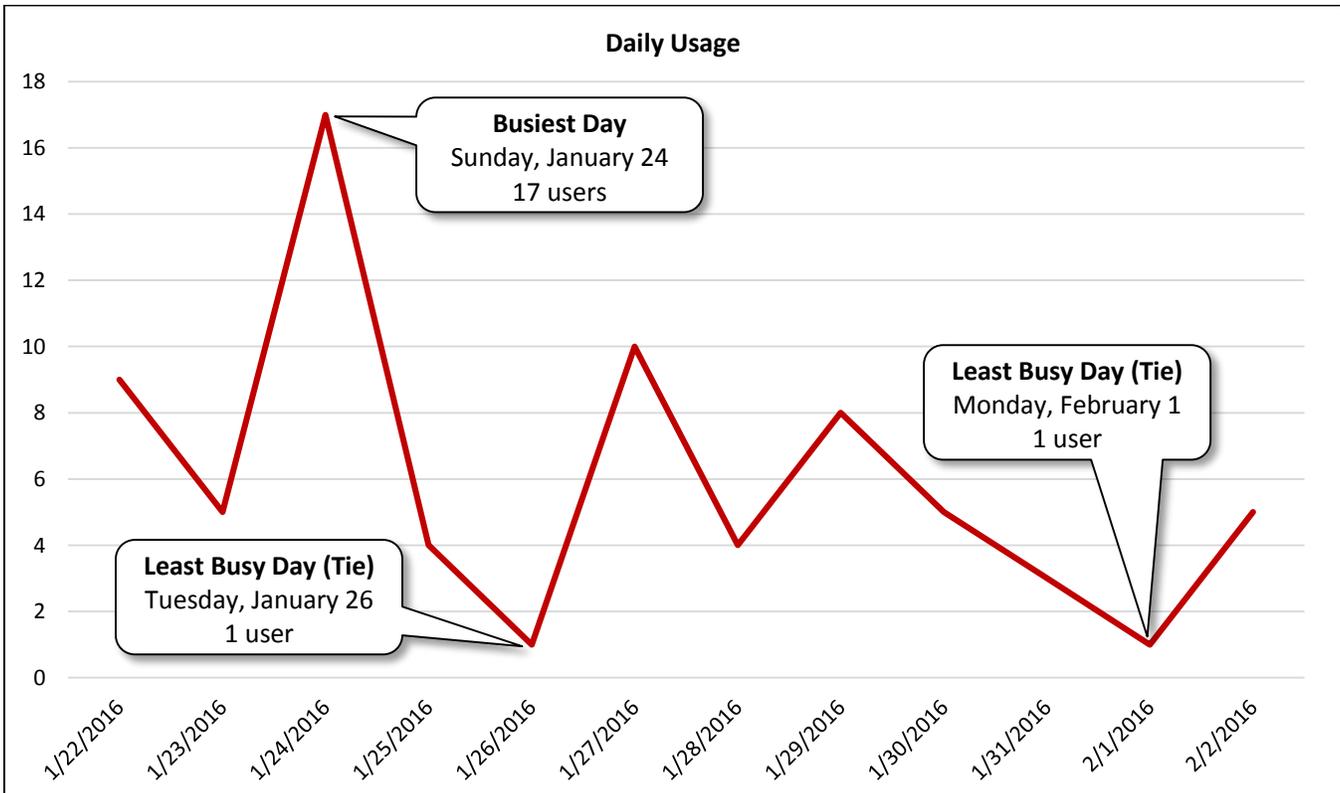
Image 1: Sidewalk along BW 8 Southbound Facing North



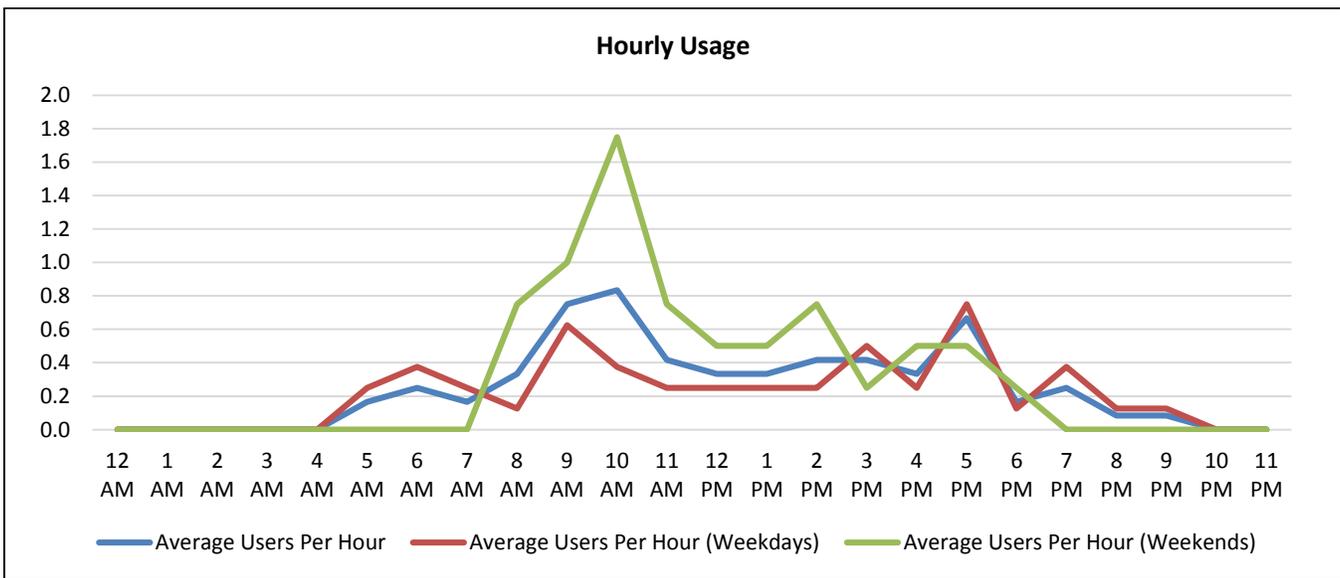
Image 2: Sidewalk along BW 8 Southbound Facing South

Daily Usage				
BW 8 Southbound North of Memorial Drive				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	9	53	37	0
Saturday, January 23, 2016	5	55	30	0
Sunday, January 24, 2016	17	68	36	0
Monday, January 25, 2016	4	75	52	0
Tuesday, January 26, 2016	1	64	48	0.45
Wednesday, January 27, 2016	10	57	41	0
Thursday, January 28, 2016	4	64	30	0
Friday, January 29, 2016	8	73	39	0
Saturday, January 30, 2016	5	75	45	0
Sunday, January 31, 2016	3	78	59	0
Monday, February 1, 2016	1	77	64	0
Tuesday, February 2, 2016	5	73	51	0
Total	72			
Average Daily Usage	6			
Average Daily Usage (Weekday)	5			
Average Daily Usage (Weekend)	8			

*Weather conditions recorded at KSGR.



Hourly Usage			
BW 8 Southbound North of Memorial Drive			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.0	0.0	0.0
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.	0.2	0.3	0.0
6:00 a.m.	0.3	0.4	0.0
7:00 a.m.	0.2	0.3	0.0
8:00 a.m.	0.3	0.1	0.8
9:00 a.m.	0.8	0.6	1.0
10:00 a.m.	0.8	0.4	1.8
11:00 a.m.	0.4	0.3	0.8
12:00 p.m.	0.3	0.3	0.5
1:00 p.m.	0.3	0.3	0.5
2:00 p.m.	0.4	0.3	0.8
3:00 p.m.	0.4	0.5	0.3
4:00 p.m.	0.3	0.3	0.5
5:00 p.m.	0.7	0.8	0.5
6:00 p.m.	0.2	0.1	0.3
7:00 p.m.	0.3	0.4	0.0
8:00 p.m.	0.1	0.1	0.0
9:00 p.m.	0.1	0.1	0.0
10:00 p.m.	0.0	0.0	0.0
11:00 p.m.	0.0	0.0	0.0



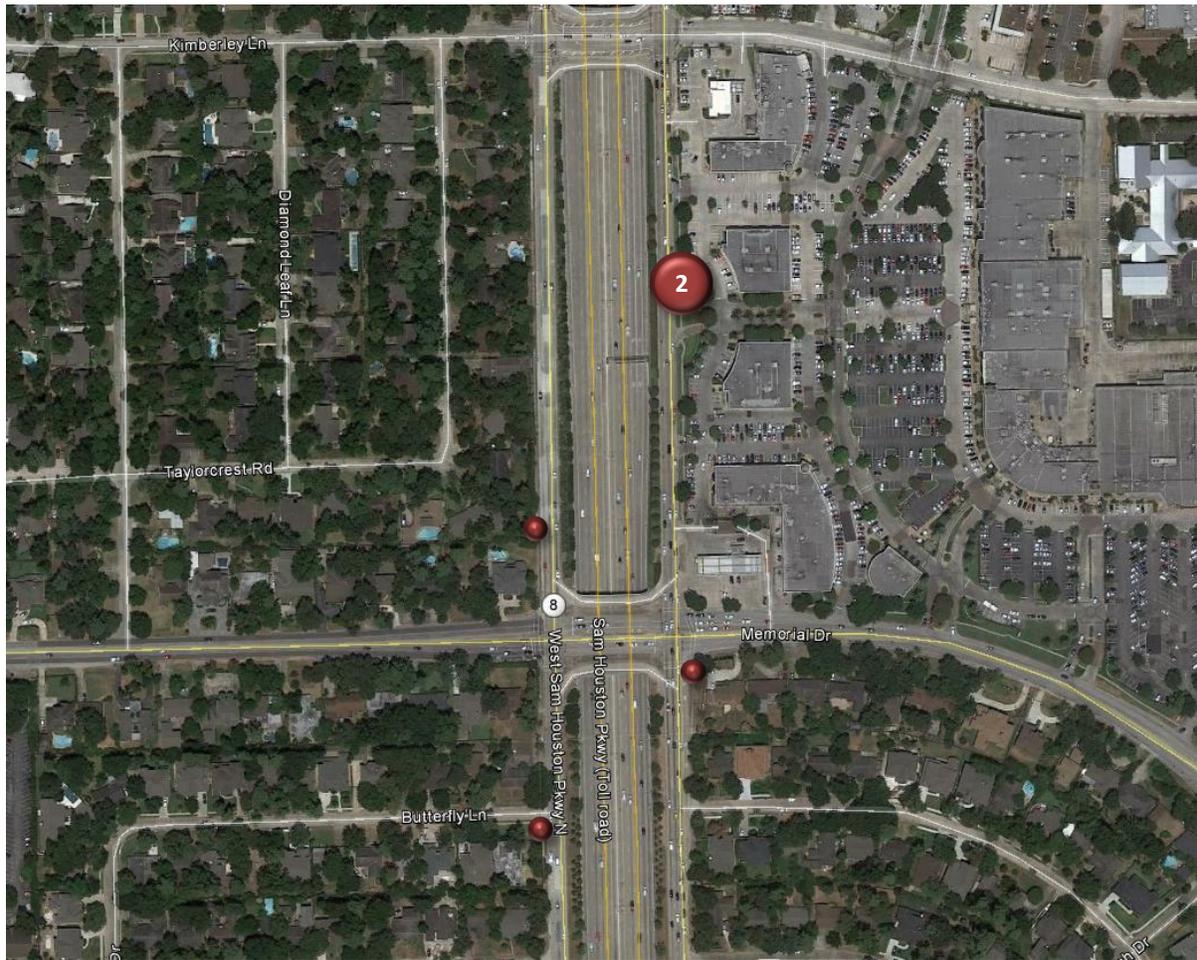
Counter #2

BW 8 Northbound North of Memorial Drive

Location Information		
Location Name	BW 8 Northbound North of Memorial Drive	
Location Description	Sidewalk along BW 8 Northbound North of Memorial Drive	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°46'28.89"N, 95°33'44.65"W	
Surrounding Land Uses	North	Commercial/Retail
	South	Commercial/Retail, Single-Family Residential
	East	Commercial/Retail, Institutional (Church and Bendwood School)
	West	Single-Family Residential
What object was device secured to?	Sign Post (Warning: Buried Fiber Optic Cable)	
Sidewalk Width	4'	
Buffer Width	8.5'	
Street Width	Three-Lane Frontage Road (One-Way Traffic)	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	40 miles per hour	
Street Lighting	No	
Street Traffic Volume	33,040 (BW 8 at Buffalo Bayou: TxDOT 2013)	
Transit	Nearby (METRO bus stop approx. 600' South at Memorial Drive/BW 8 Northbound)	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Usage tends to be higher on weekdays than during weekends. • On weekdays, usage is highest in the late afternoon (3:00 p.m. – 4:00 p.m.). There is also a pronounced increase in usage in the early morning (5:00 a.m. – 6:00 a.m.) and later at night (10:00 p.m. – 11:00 p.m.). • On weekends, usage peaks midday (11:00 a.m. – 12:00 p.m.) and remains relatively steady during the afternoon hours.

Location Information: Map



Location Information: Photos



Image 3: Sidewalk along BW 8 Northbound Facing North



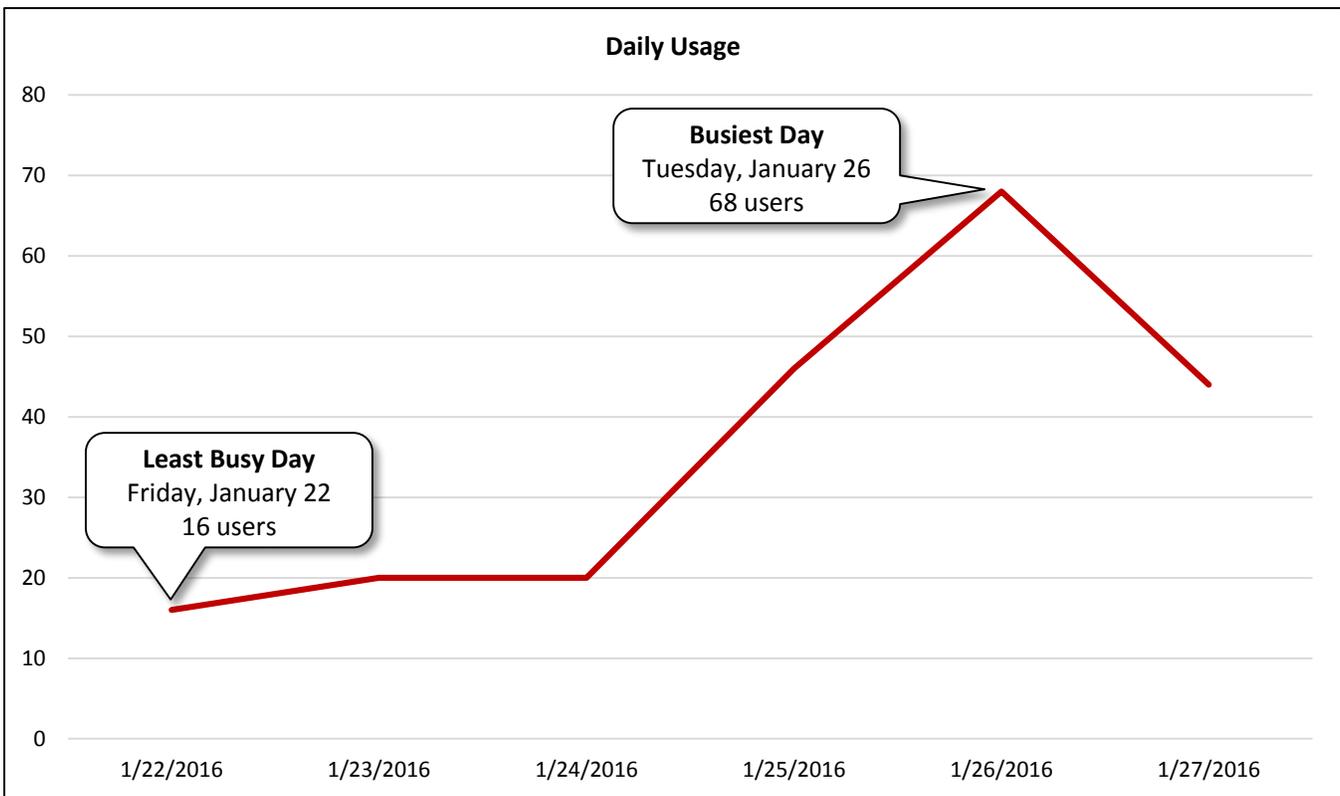
Image 4: Sidewalk along BW 8 Northbound Facing South

Daily Usage				
BW 8 Northbound North of Memorial Drive				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	16	53	37	0
Saturday, January 23, 2016	20	55	30	0
Sunday, January 24, 2016	20	68	36	0
Monday, January 25, 2016	46	75	52	0
Tuesday, January 26, 2016	68	64	48	0.45
Wednesday, January 27, 2016	44	57	41	0

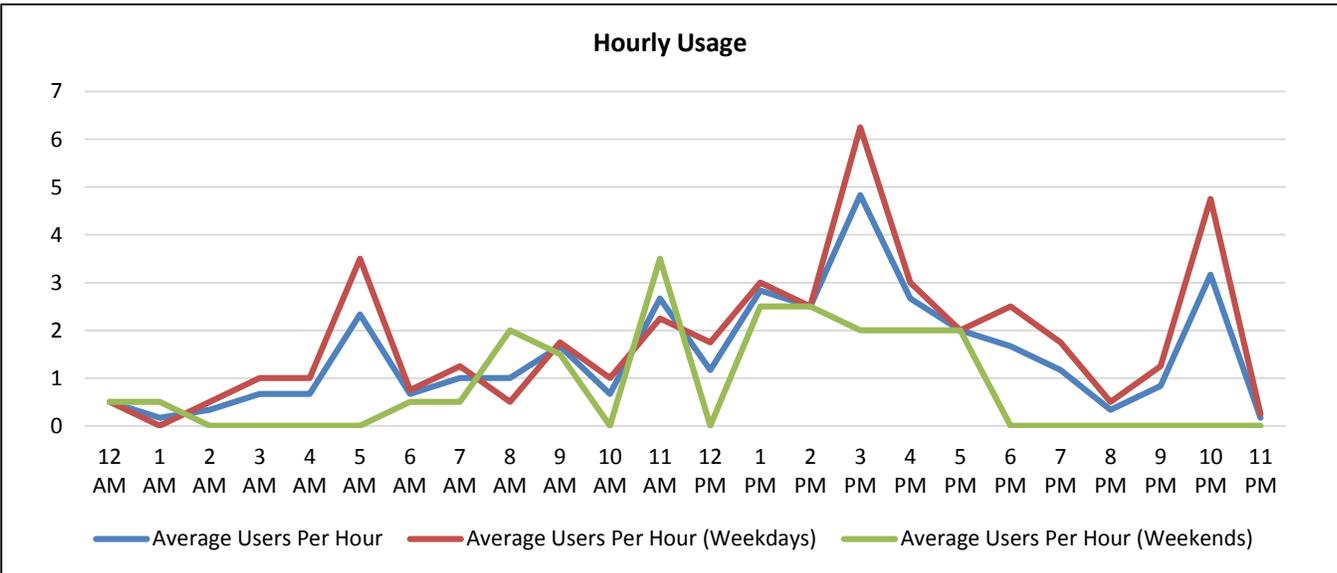
Total	214
Average Daily Usage	36
Average Daily Usage (Weekday)	44
Average Daily Usage (Weekend)	20

Notes	
This counter stopped collecting data before the deployment period ended (Wednesday, January 27, 2016: Approx. 9:00 p.m.).	

*Weather conditions recorded at KSGR.



Hourly Usage			
BW 8 Northbound North of Memorial Drive			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.5	0.5	0.5
1:00 a.m.	0.2	0.0	0.5
2:00 a.m.	0.3	0.5	0.0
3:00 a.m.	0.7	1.0	0.0
4:00 a.m.	0.7	1.0	0.0
5:00 a.m.	2.3	3.5	0.0
6:00 a.m.	0.7	0.8	0.5
7:00 a.m.	1.0	1.3	0.5
8:00 a.m.	1.0	0.5	2.0
9:00 a.m.	1.7	1.8	1.5
10:00 a.m.	0.7	1.0	0.0
11:00 a.m.	2.7	2.3	3.5
12:00 p.m.	1.2	1.8	0.0
1:00 p.m.	2.8	3.0	2.5
2:00 p.m.	2.5	2.5	2.5
3:00 p.m.	4.8	6.3	2.0
4:00 p.m.	2.7	3.0	2.0
5:00 p.m.	2.0	2.0	2.0
6:00 p.m.	1.7	2.5	0.0
7:00 p.m.	1.2	1.8	0.0
8:00 p.m.	0.3	0.5	0.0
9:00 p.m.	0.8	1.3	0.0
10:00 p.m.	3.2	4.8	0.0
11:00 p.m.	0.2	0.3	0.0



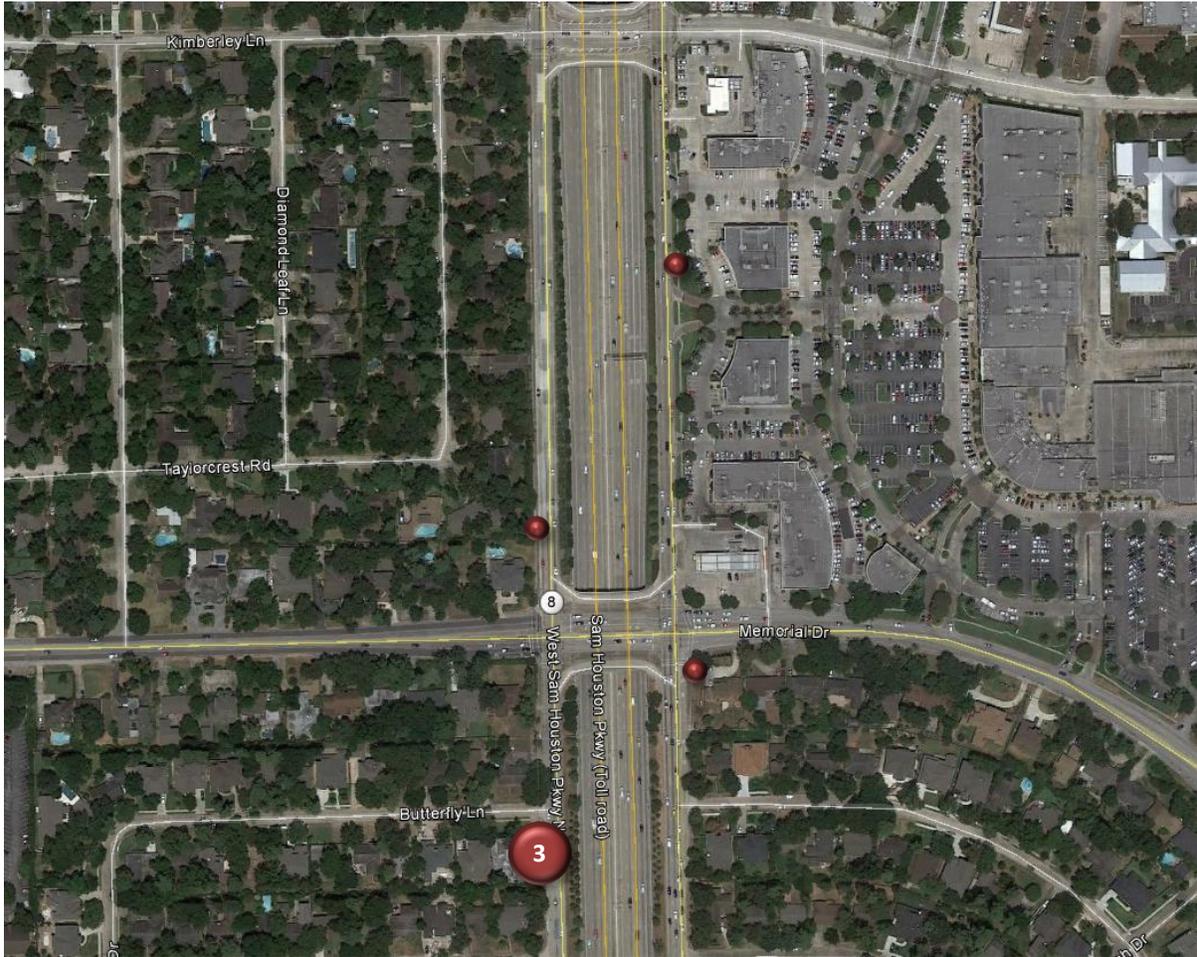
Counter #3

BW 8 Southbound South of Memorial Drive

Location Information		
Location Name	BW 8 Southbound South of Memorial Drive	
Location Description	Sidewalk along BW 8 Southbound South of Memorial Drive (near Butterfly Lane)	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°46'18.04"N, 95°33'47.74"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Single-Family Residential
	East	Single-Family Residential, Commercial/Retail
	West	Single-Family Residential
What object was device secured to?	Sign Post (BW 8)	
Sidewalk Width	4'	
Buffer Width	5'	
Street Width	Three-Lane Frontage Road (One-Way Traffic)	
Parallel Parking	No	
Landscaping or Trees	No	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Fair (Some Cracking and Unevenness)	
Speed Limit	40 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	33,040 (BW 8 at Buffalo Bayou: TxDOT 2013)	
Transit	Nearby (METRO bus stop approx. 650' Northeast at Memorial Drive/BW 8 Northbound)	
Shade	Intermittent	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • On average, the number of users is similar on weekdays as it is during weekends. • On weekdays, usage peaks in the late afternoon (2:00 p.m. – 5:00 p.m.). • During weekends, usage gradually increases as the day progresses, plateauing in the early afternoon (12:00 p.m. – 3:00 p.m.). • Rain seems to have an impact on usage. The least busy day (Tuesday, January 26, 2016: 5 users) was also the wettest (0.45" of rain).

Location Information: Map



Location Information: Photos



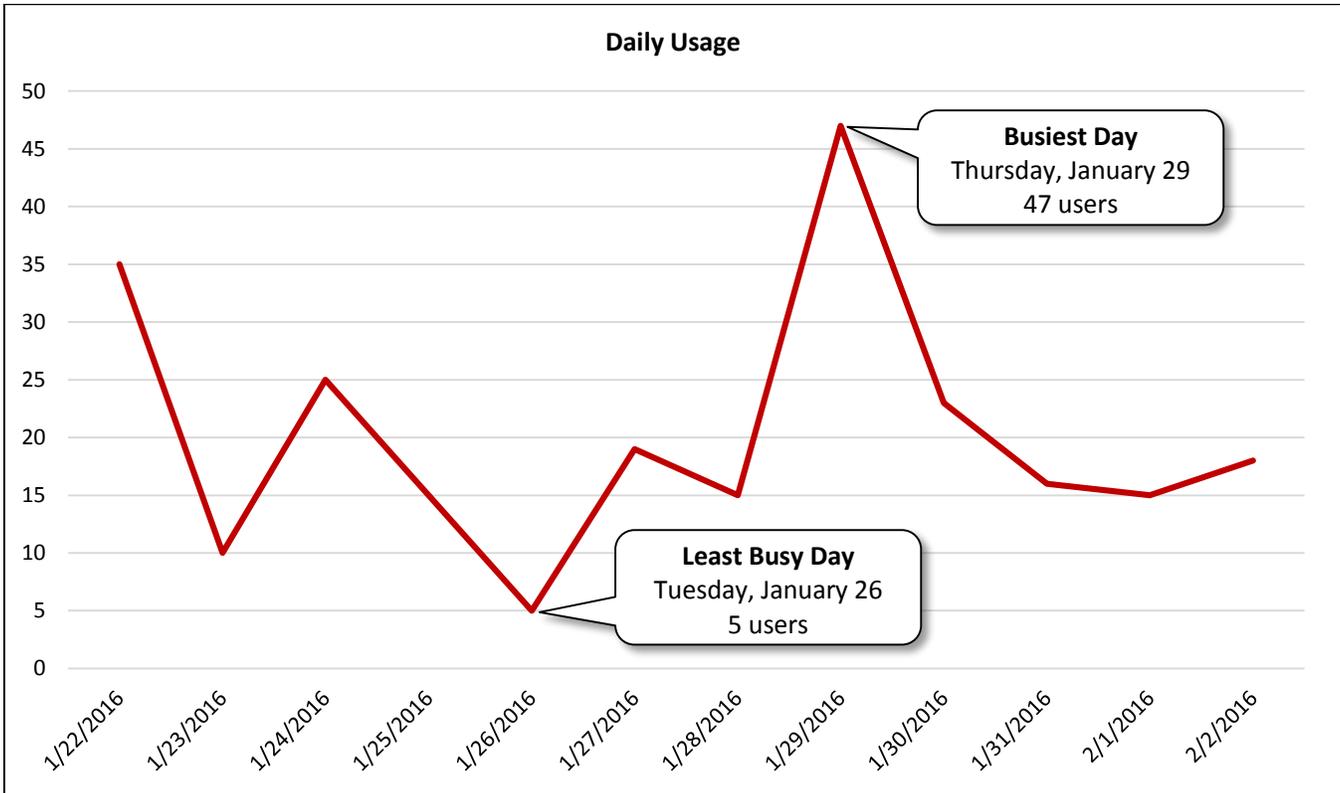
Image 5: Sidewalk along BW 8 Southbound Facing North



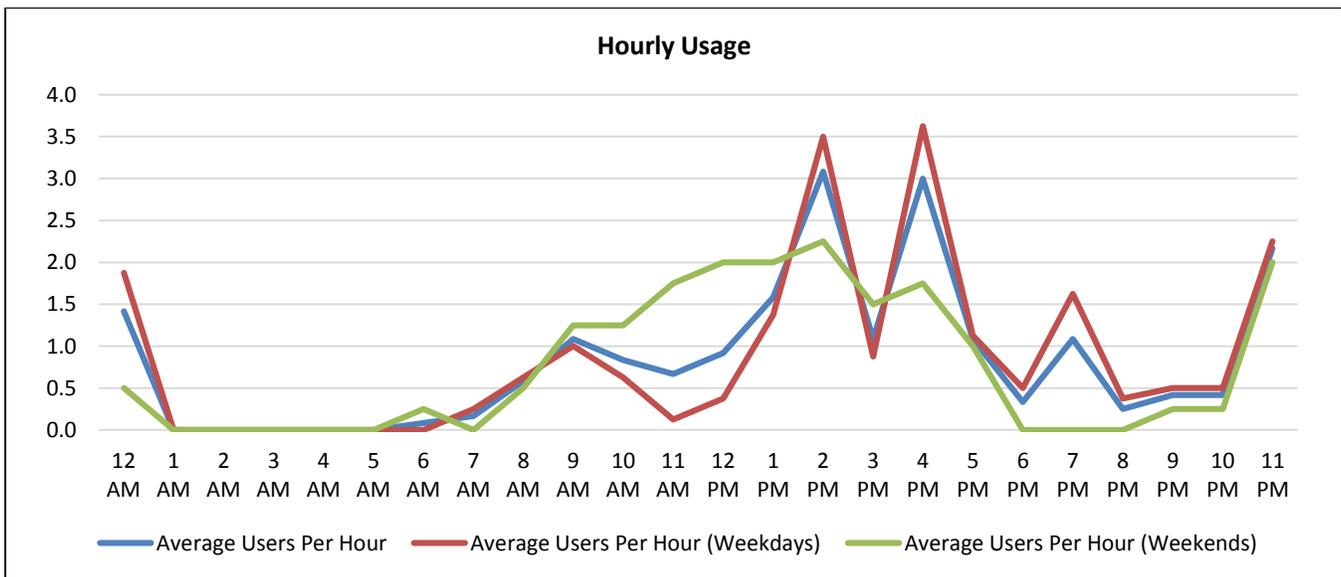
Image 6: Sidewalk along BW 8 Southbound Facing South

Daily Usage				
BW 8 Southbound South of Memorial Drive				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	35	53	37	0
Saturday, January 23, 2016	10	55	30	0
Sunday, January 24, 2016	25	68	36	0
Monday, January 25, 2016	15	75	52	0
Tuesday, January 26, 2016	5	64	48	0.45
Wednesday, January 27, 2016	19	57	41	0
Thursday, January 28, 2016	15	64	30	0
Friday, January 29, 2016	47	73	39	0
Saturday, January 30, 2016	23	75	45	0
Sunday, January 31, 2016	16	78	59	0
Monday, February 1, 2016	15	77	64	0
Tuesday, February 2, 2016	18	73	51	0
Total	243			
Average Daily Usage	20			
Average Daily Usage (Weekday)	21			
Average Daily Usage (Weekend)	19			

*Weather conditions recorded at KSGR.



Hourly Usage			
BW 8 Southbound South of Memorial Drive			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	1.4	1.9	0.5
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.	0.0	0.0	0.0
6:00 a.m.	0.1	0.0	0.3
7:00 a.m.	0.2	0.3	0.0
8:00 a.m.	0.6	0.6	0.5
9:00 a.m.	1.1	1.0	1.3
10:00 a.m.	0.8	0.6	1.3
11:00 a.m.	0.7	0.1	1.8
12:00 p.m.	0.9	0.4	2.0
1:00 p.m.	1.6	1.4	2.0
2:00 p.m.	3.1	3.5	2.3
3:00 p.m.	1.1	0.9	1.5
4:00 p.m.	3.0	3.6	1.8
5:00 p.m.	1.1	1.1	1.0
6:00 p.m.	0.3	0.5	0.0
7:00 p.m.	1.1	1.6	0.0
8:00 p.m.	0.3	0.4	0.0
9:00 p.m.	0.4	0.5	0.3
10:00 p.m.	0.4	0.5	0.3
11:00 p.m.	2.2	2.3	2.0



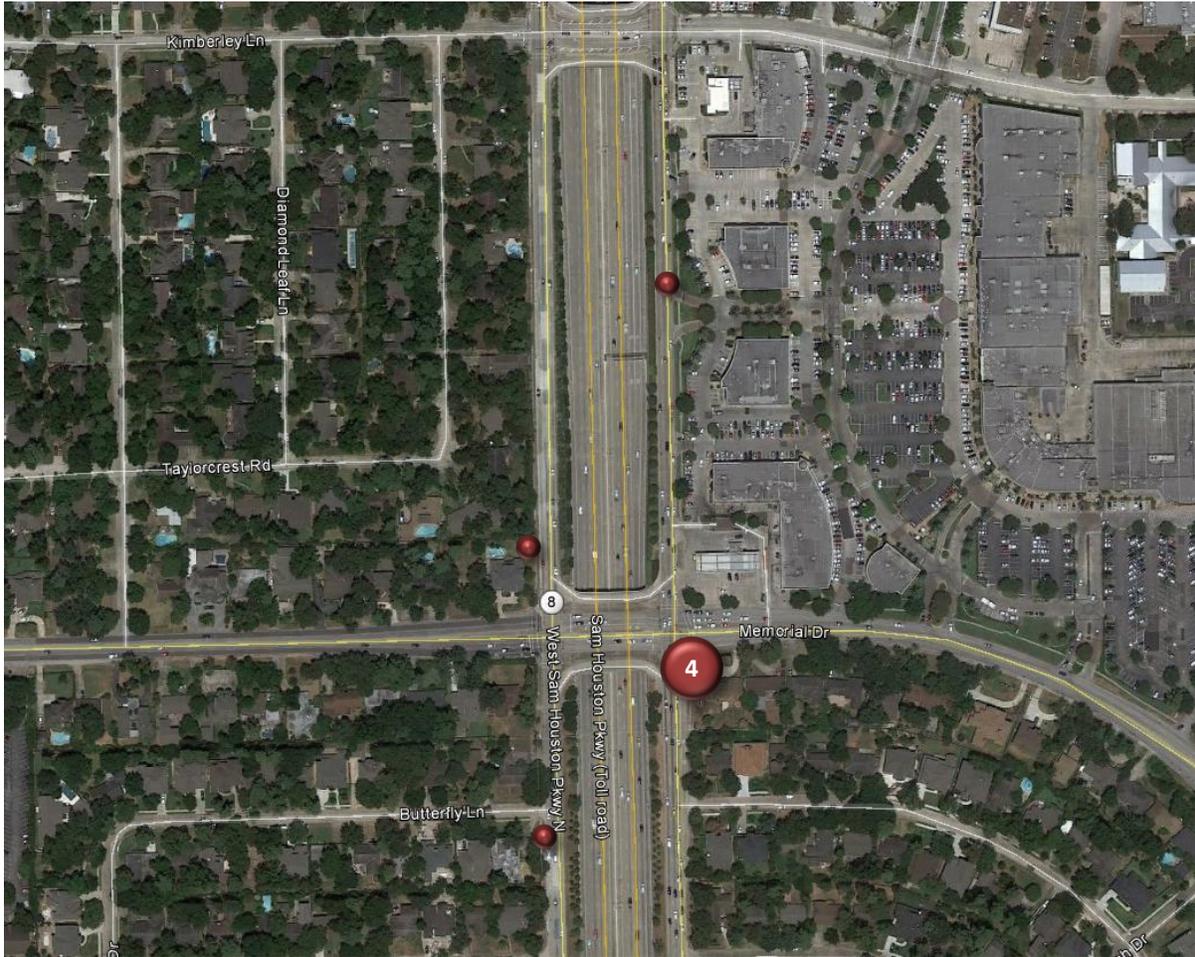
Counter #4

BW 8 Northbound South of Memorial Drive

Location Information		
Location Name	BW 8 Northbound South of Memorial Drive	
Location Description	Sidewalk along BW 8 Northbound South of Memorial Drive	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°46'20.58"N, 95°33'44.66"W	
Surrounding Land Uses	North	Commercial/Retail
	South	Single-Family Residential
	East	Commercial/Retail, Single-Family Residential
	West	Single-Family Residential
What object was device secured to?	Sign Post (Kimberly Lane Straight)	
Sidewalk Width	4'	
Buffer Width	7' (Varies)	
Street Width	Three-Lane Frontage Road (One-Way Traffic)	
Parallel Parking	No	
Landscaping or Trees	No	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	40 miles per hour	
Street Lighting	No	
Street Traffic Volume	33,040 (BW 8 at Buffalo Bayou: TxDOT 2013)	
Transit	Nearby (METRO bus stop approx. 100' North at Memorial Drive/BW 8 Northbound)	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Usage tends to be higher during weekends than on weekdays. • On weekdays, usage peaks mid-day (12:00 p.m. – 1:00 p.m.). • During weekends, usage varies throughout the day. Usage increases in the morning (9:00 a.m. – 12:00 p.m.) and late afternoon (3:00 p.m. – 4:00 p.m.).

Location Information: Map



Location Information: Photos



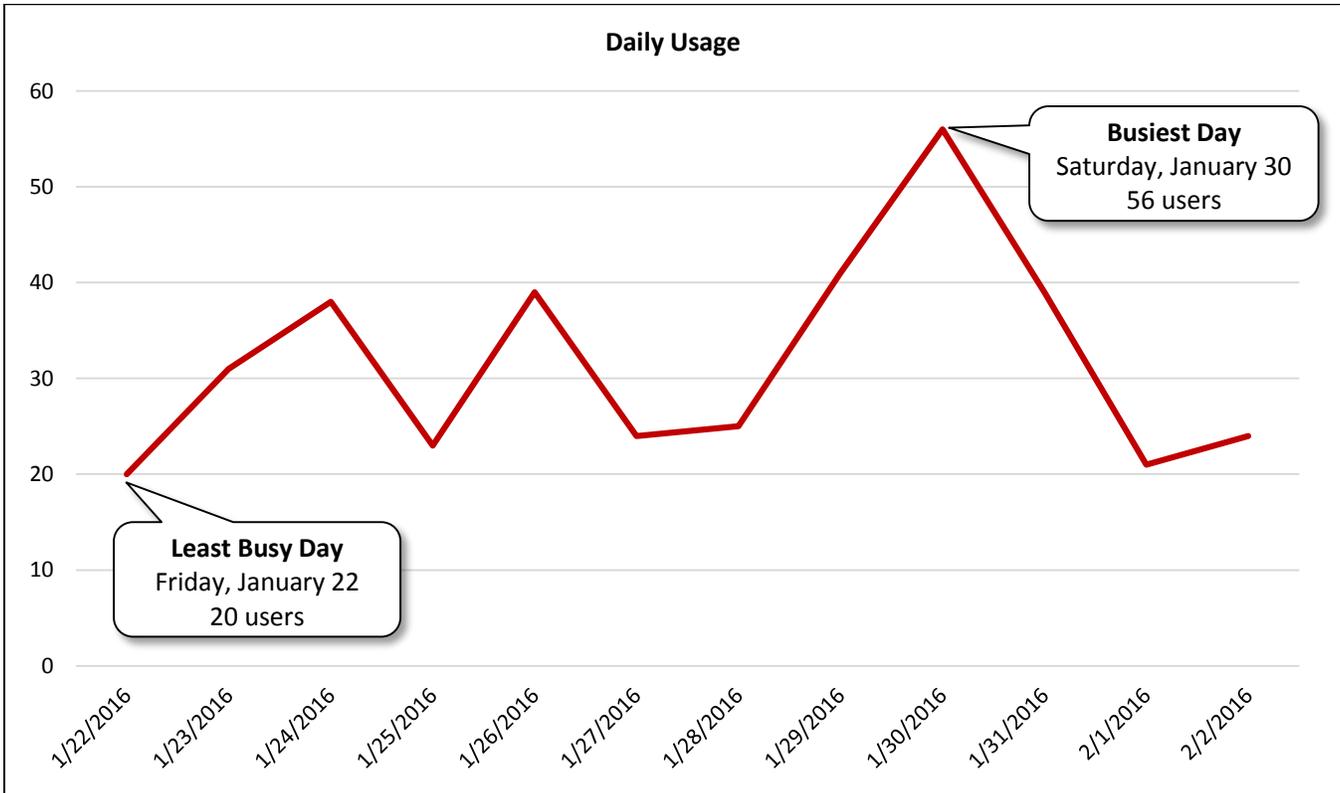
Image 7: Sidewalk along BW 8 Northbound Facing North



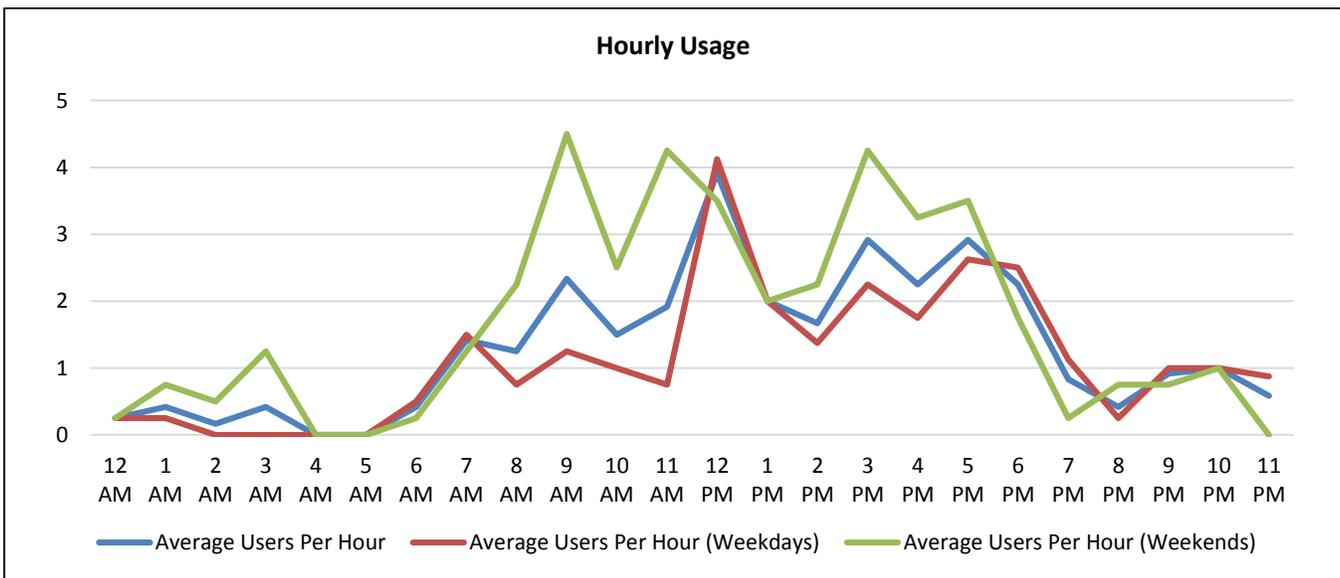
Image 8: Sidewalk along BW 8 Northbound Facing South

Daily Usage				
BW 8 Northbound South of Memorial Drive				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	20	53	37	0
Saturday, January 23, 2016	31	55	30	0
Sunday, January 24, 2016	38	68	36	0
Monday, January 25, 2016	23	75	52	0
Tuesday, January 26, 2016	39	64	48	0.45
Wednesday, January 27, 2016	24	57	41	0
Thursday, January 28, 2016	25	64	30	0
Friday, January 29, 2016	41	73	39	0
Saturday, January 30, 2016	56	75	45	0
Sunday, January 31, 2016	39	78	59	0
Monday, February 1, 2016	21	77	64	0
Tuesday, February 2, 2016	24	73	51	0
Total	381			
Average Daily Usage	32			
Average Daily Usage (Weekday)	27			
Average Daily Usage (Weekend)	41			

*Weather conditions recorded at KSGR.



Hourly Usage			
BW 8 Northbound South of Memorial Drive			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.3	0.3	0.3
1:00 a.m.	0.4	0.3	0.8
2:00 a.m.	0.2	0.0	0.5
3:00 a.m.	0.4	0.0	1.3
4:00 a.m.	0.0	0.0	0.0
5:00 a.m.	0.0	0.0	0.0
6:00 a.m.	0.4	0.5	0.3
7:00 a.m.	1.4	1.5	1.3
8:00 a.m.	1.3	0.8	2.3
9:00 a.m.	2.3	1.3	4.5
10:00 a.m.	1.5	1.0	2.5
11:00 a.m.	1.9	0.8	4.3
12:00 p.m.	3.9	4.1	3.5
1:00 p.m.	2.0	2.0	2.0
2:00 p.m.	1.7	1.4	2.3
3:00 p.m.	2.9	2.3	4.3
4:00 p.m.	2.3	1.8	3.3
5:00 p.m.	2.9	2.6	3.5
6:00 p.m.	2.3	2.5	1.8
7:00 p.m.	0.8	1.1	0.3
8:00 p.m.	0.4	0.3	0.8
9:00 p.m.	0.9	1.0	0.8
10:00 p.m.	1.0	1.0	1.0
11:00 p.m.	0.6	0.9	0.0



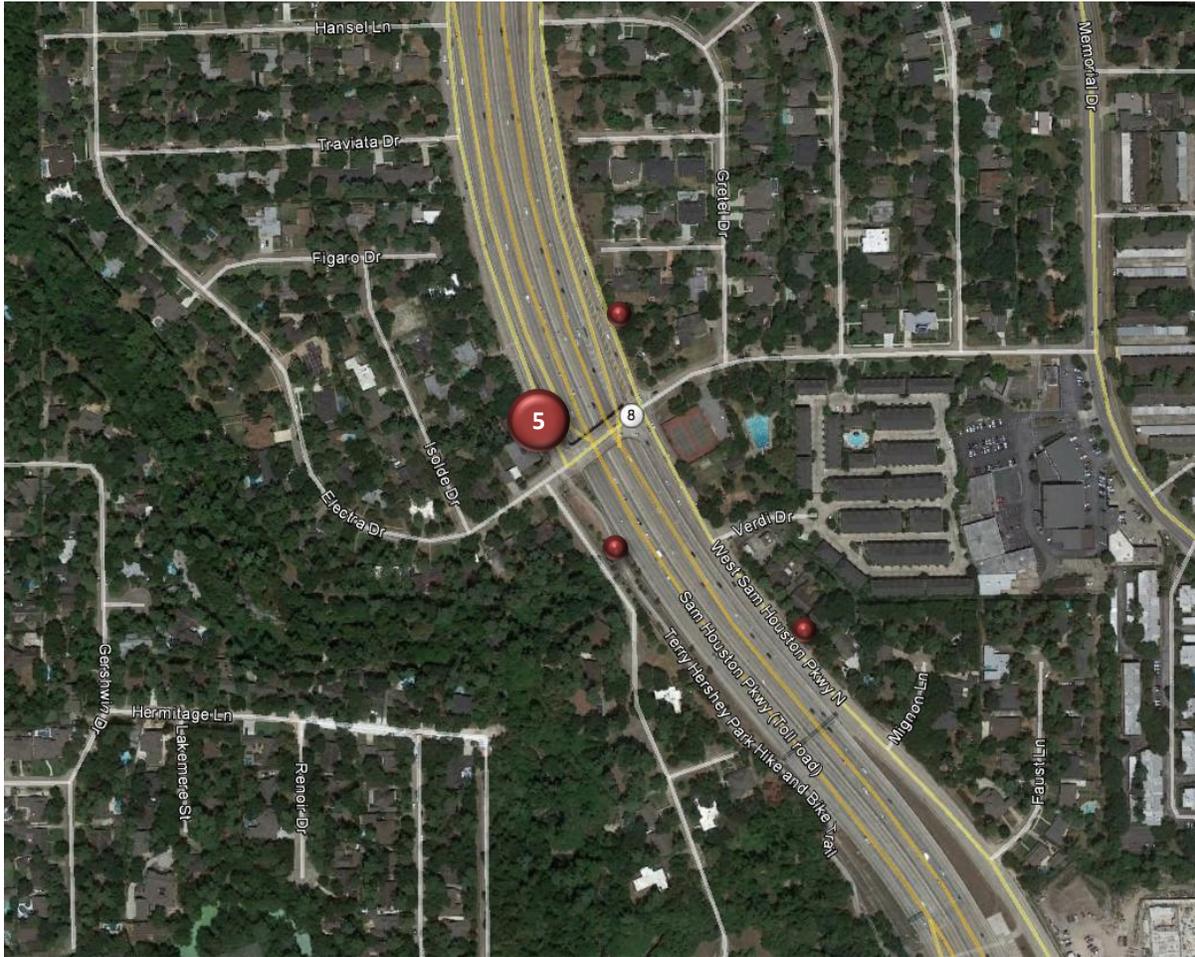
Counter #5

BW 8 Southbound North of Boheme Drive

Location Information		
Location Name	BW 8 Southbound North of Boheme Drive	
Location Description	Sidewalk along BW 8 Southbound North of Boheme Drive	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°46'2.49"N, 95°33'44.56"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Single-Family Residential
	East	Single-Family Residential, Recreational/Institutional (Memorial Bend Club), Multi-Family Residential
	West	Single-Family Residential
What object was device secured to?	Sign Post (Right Turn Only/Do Not Enter)	
Sidewalk Width	4'	
Buffer Width	5'	
Street Width	Three-Lane Frontage Road (One-Way Traffic)	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes (ADA Ramps at Boheme Drive/BW 8 Southbound Intersection Under Construction at Time of Deployment)	
Sidewalk Condition	Fair (Some Unevenness)	
Speed Limit	40 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	33,040 (BW 8 at Buffalo Bayou: TxDOT 2013)	
Transit	No	
Shade	Intermittent	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> Usage tends to be higher during weekends than on weekdays. On weekdays, usage peaks in the mid-afternoon (2:00 p.m. – 3:00 p.m.). During weekends, usage peaks midday (11:00 a.m. – 12:00 p.m.).

Location Information: Map



Location Information: Photos



Image 9: Sidewalk along BW 8 Southbound Facing North



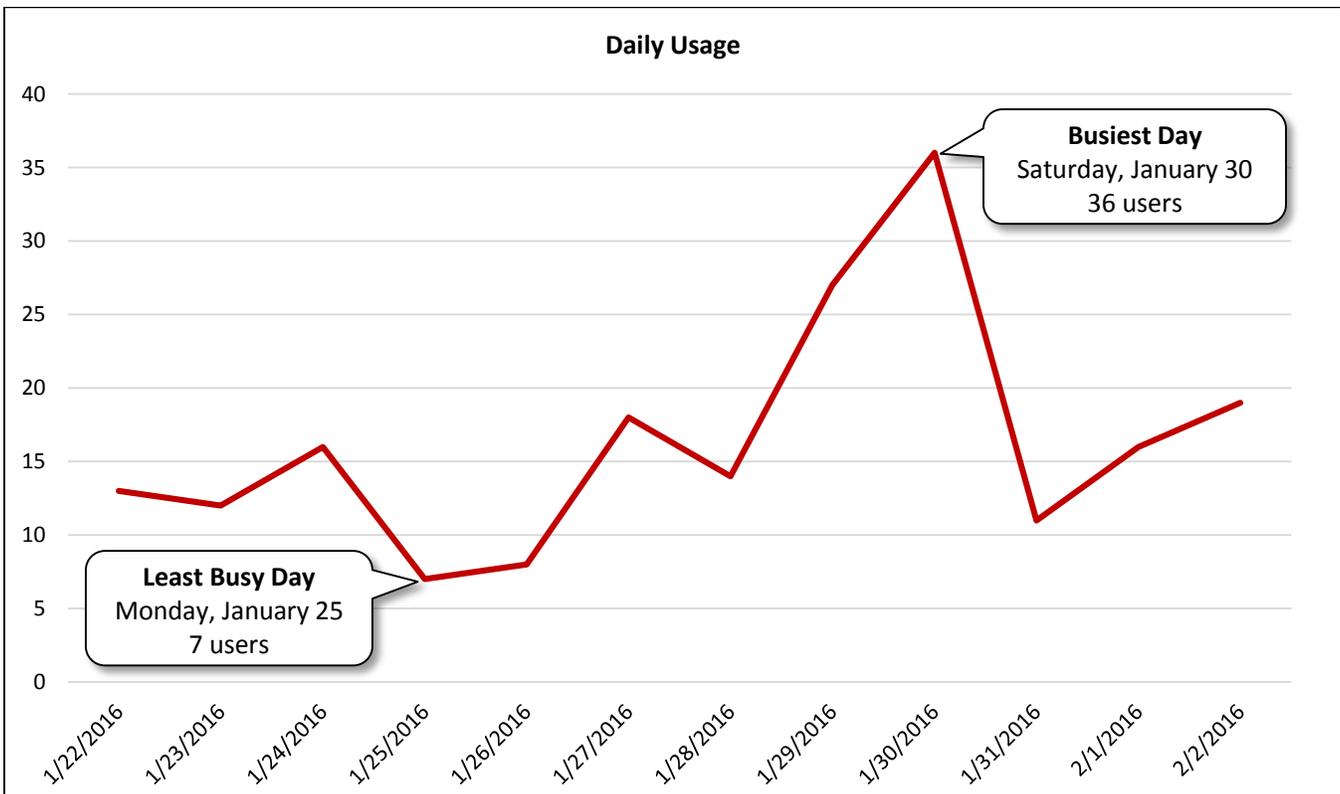
Image 10: Sidewalk along BW 8 Southbound Facing South

Daily Usage BW 8 Southbound North of Boheme Drive				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	13	53	37	0
Saturday, January 23, 2016	12	55	30	0
Sunday, January 24, 2016	16	68	36	0
Monday, January 25, 2016	7	75	52	0
Tuesday, January 26, 2016	8	64	48	0.45
Wednesday, January 27, 2016	18	57	41	0
Thursday, January 28, 2016	14	64	30	0
Friday, January 29, 2016	27	73	39	0
Saturday, January 30, 2016	36	75	45	0
Sunday, January 31, 2016	11	78	59	0
Monday, February 1, 2016	16	77	64	0
Tuesday, February 2, 2016	19	73	51	0

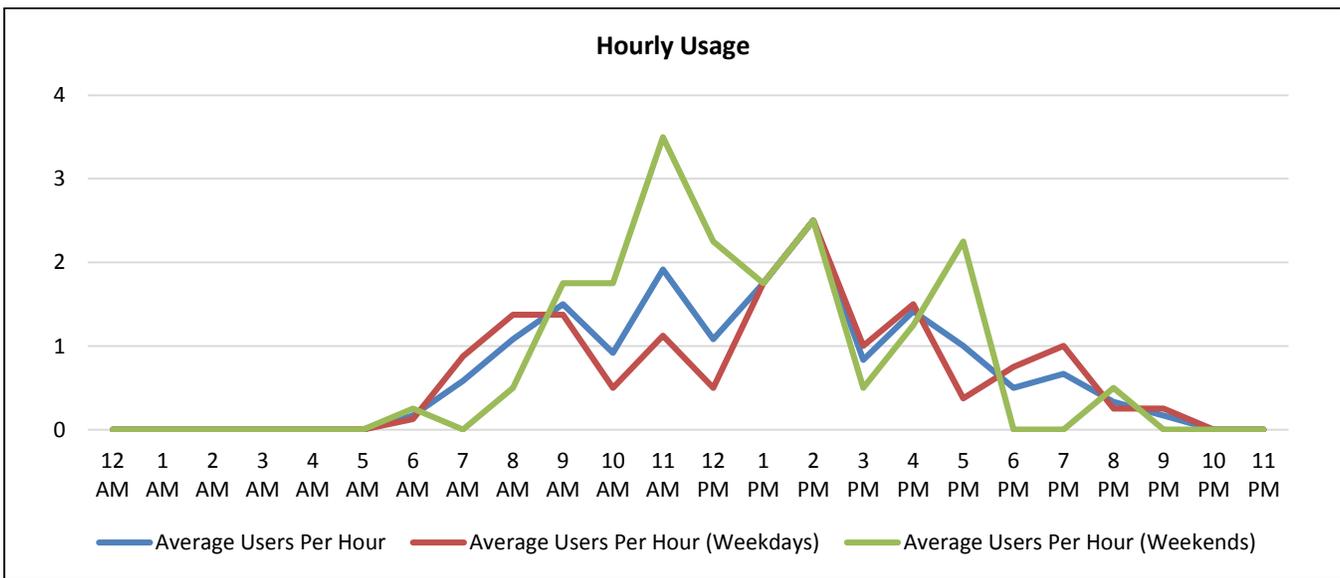
Total	122
Average Daily Usage	16
Average Daily Usage (Weekday)	15
Average Daily Usage (Weekend)	19

Notes
South of Counter #5, sidewalk ramps at the intersection of BW 8 Southbound and Boheme Drive were being reconstructed during the deployment period.

*Weather conditions recorded at KSGR.



Hourly Usage BW 8 Southbound North of Boheme Drive			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.0	0.0	0.0
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.	0.0	0.0	0.0
6:00 a.m.	0.2	0.1	0.3
7:00 a.m.	0.6	0.9	0.0
8:00 a.m.	1.1	1.4	0.5
9:00 a.m.	1.5	1.4	1.8
10:00 a.m.	0.9	0.5	1.8
11:00 a.m.	1.9	1.1	3.5
12:00 p.m.	1.1	0.5	2.3
1:00 p.m.	1.8	1.8	1.8
2:00 p.m.	2.5	2.5	2.5
3:00 p.m.	0.8	1.0	0.5
4:00 p.m.	1.4	1.5	1.3
5:00 p.m.	1.0	0.4	2.3
6:00 p.m.	0.5	0.8	0.0
7:00 p.m.	0.7	1.0	0.0
8:00 p.m.	0.3	0.3	0.5
9:00 p.m.	0.2	0.3	0.0
10:00 p.m.	0.0	0.0	0.0
11:00 p.m.	0.0	0.0	0.0



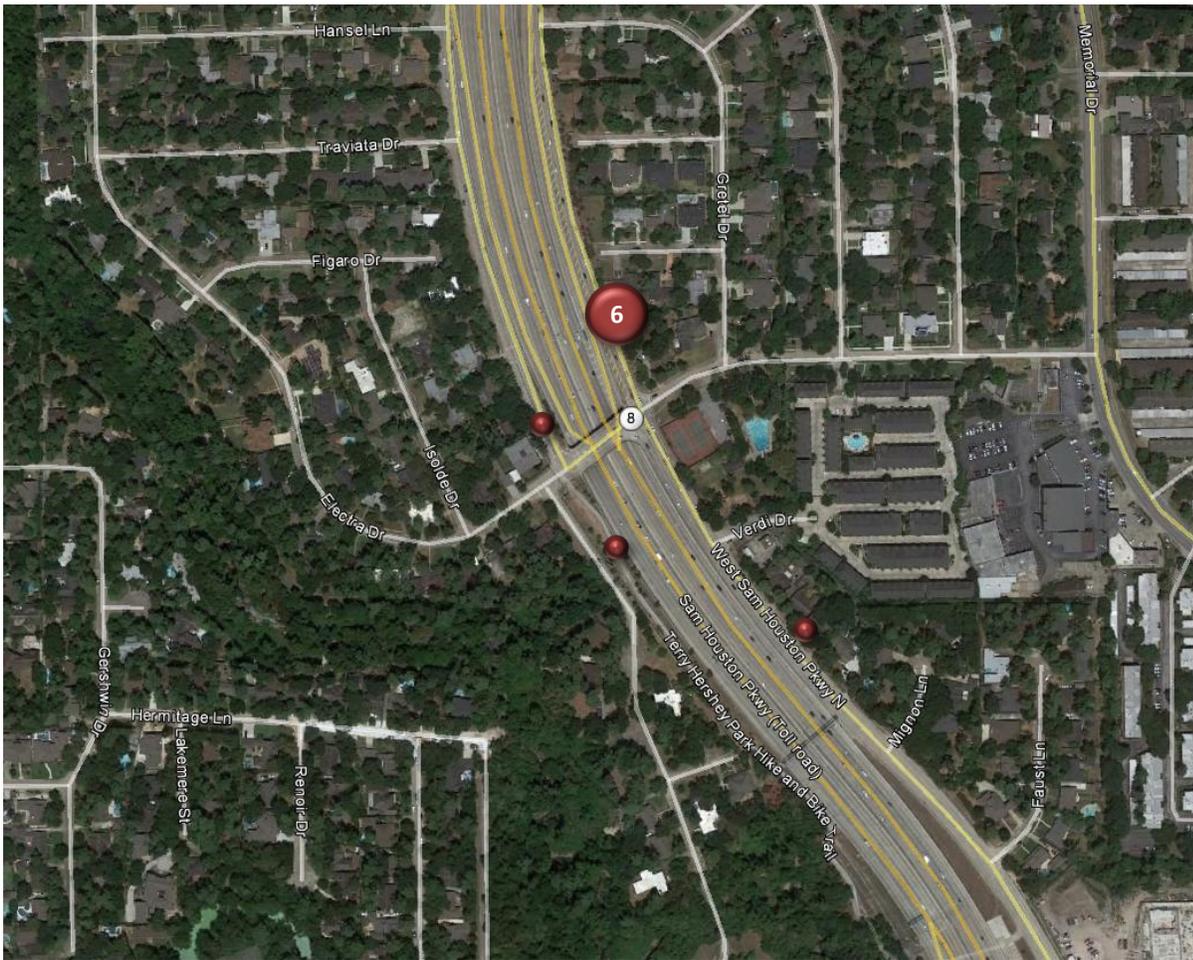
Counter #6

BW 8 Northbound North of Boheme Drive

Location Information	
Location Name	BW 8 Northbound North of Boheme Drive
Location Description	Sidewalk along BW 8 Northbound North of Boheme Drive
Jurisdiction	City of Houston
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation
GPS Coordinates	29°46'5.63"N, 95°33'42.52"W
Surrounding Land Uses	North Single-Family Residential
	South Single-Family Residential, Recreational/Institutional (Memorial Bend Club), Multi-Family Residential
	East Single-Family Residential, Multi-Family Residential, Commercial/Retail
	West Single-Family Residential
What object was device secured to?	Sign Post (Speed Limit)
Sidewalk Width	4'
Buffer Width	5'
Street Width	Two-Lane Frontage Road (One-Way Traffic)
Parallel Parking	No
Landscaping or Trees	Yes
Sidewalk Pavement Type	Concrete
ADA Ramps	Yes
Sidewalk Condition	Good
Speed Limit	40 miles per hour
Street Lighting	Yes
Street Traffic Volume	33,040 (BW 8 at Buffalo Bayou: TxDOT 2013)
Transit	No
Shade	No
Have counts been collected by H-GAC at this location before?	No

Trends
<ul style="list-style-type: none"> • Counter #6 malfunctioned and did not collect data during the deployment period. It was redeployed Friday, February 12, 2016 (12:00 p.m.) through Wednesday, February 17, 2016 (8:00 p.m.). • On average, the number of users is similar on weekdays as it is during weekends. • On weekdays, usage is highest in the late afternoon (3:00 p.m. – 4:00 p.m.) and evening (5:00 p.m. – 7:00 p.m.). • During weekends, usage varies throughout the day. Usage increases in the morning (7:00 a.m. – 10:00 a.m.) and during the afternoon hours (2:00 p.m. – 6:00 p.m.).

Location Information: Map



Location Information: Photos



Image 11: Sidewalk along BW 8 Northbound Facing North



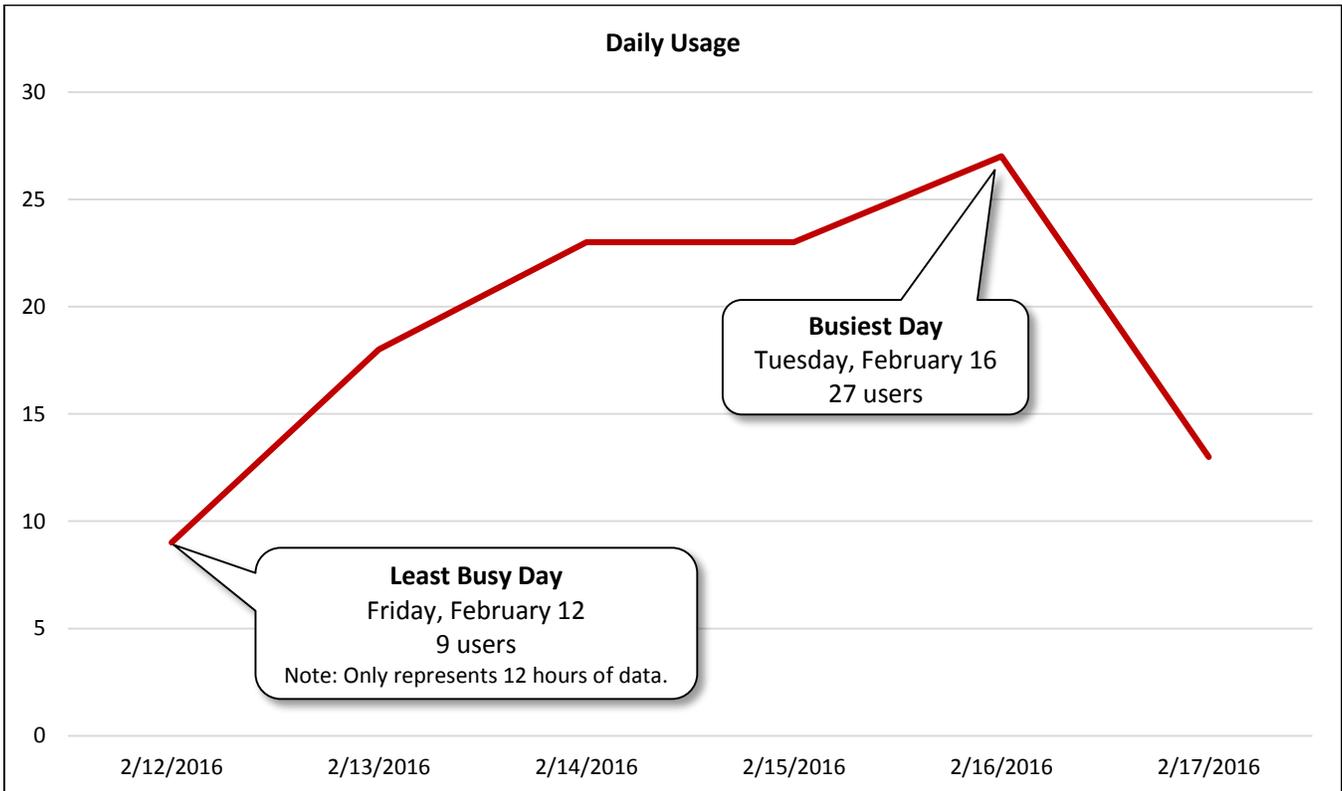
Image 12: Sidewalk along BW 8 Northbound Facing South

Daily Usage				
BW 8 Northbound North of Boheme Drive				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, February 12, 2016	9	79	51	0
Saturday, February 13, 2016	18	71	53	0
Sunday, February 14, 2016	23	73	57	0
Monday, February 15, 2016	23	75	51	0
Tuesday, February 16, 2016	27	80	42	0
Wednesday, February 17, 2016	13	72	50	0

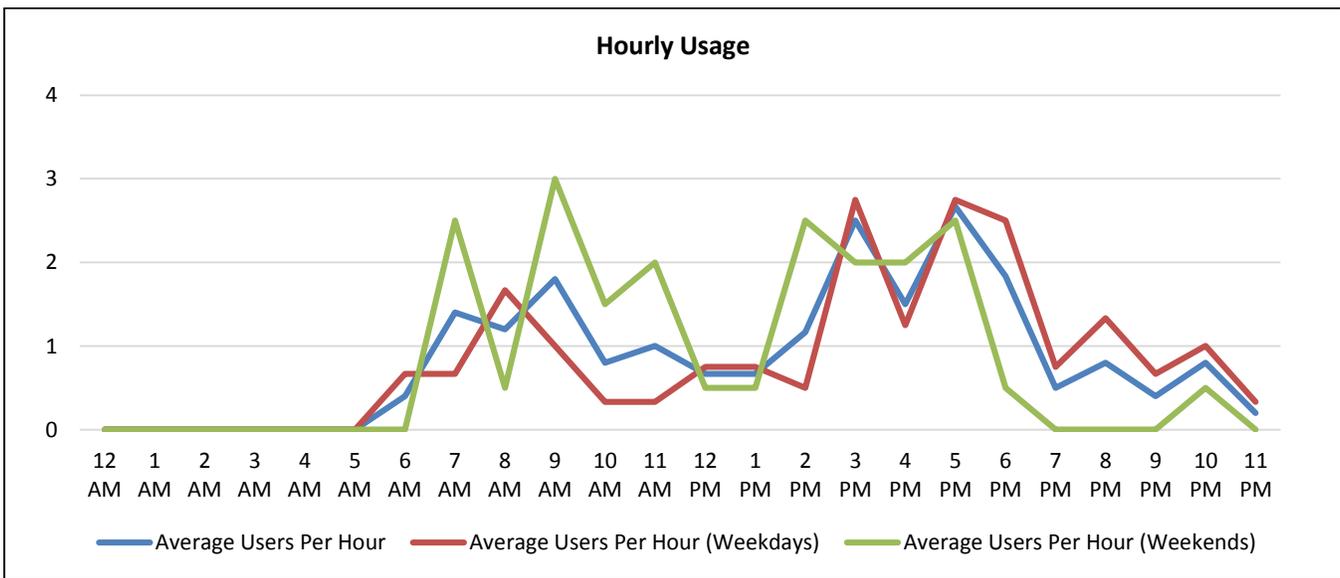
Total	113
Average Daily Usage	21
Average Daily Usage (Weekday)	21
Average Daily Usage (Weekend)	21

Notes
<ul style="list-style-type: none"> The counter was not deployed until 12:00 p.m. on Friday, February 12, 2016. Total usage on that date only represents 12 hours of data (½ day). The counter was retrieved on Wednesday, February 17, 2016 at 8:00 p.m. President's Day was Monday, February 15, 2016.

*Weather conditions recorded at KSGR.



Hourly Usage BW 8 Northbound North of Boheme Drive			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.0	0.0	0.0
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.	0.0	0.0	0.0
6:00 a.m.	0.4	0.7	0.0
7:00 a.m.	1.4	0.7	2.5
8:00 a.m.	1.2	1.7	0.5
9:00 a.m.	1.8	1.0	3.0
10:00 a.m.	0.8	0.3	1.5
11:00 a.m.	1.0	0.3	2.0
12:00 p.m.	0.7	0.8	0.5
1:00 p.m.	0.7	0.8	0.5
2:00 p.m.	1.2	0.5	2.5
3:00 p.m.	2.5	2.8	2.0
4:00 p.m.	1.5	1.3	2.0
5:00 p.m.	2.7	2.8	2.5
6:00 p.m.	1.8	2.5	0.5
7:00 p.m.	0.5	0.8	0.0
8:00 p.m.	0.8	1.3	0.0
9:00 p.m.	0.4	0.7	0.0
10:00 p.m.	0.8	1.0	0.5
11:00 p.m.	0.2	0.3	0.0



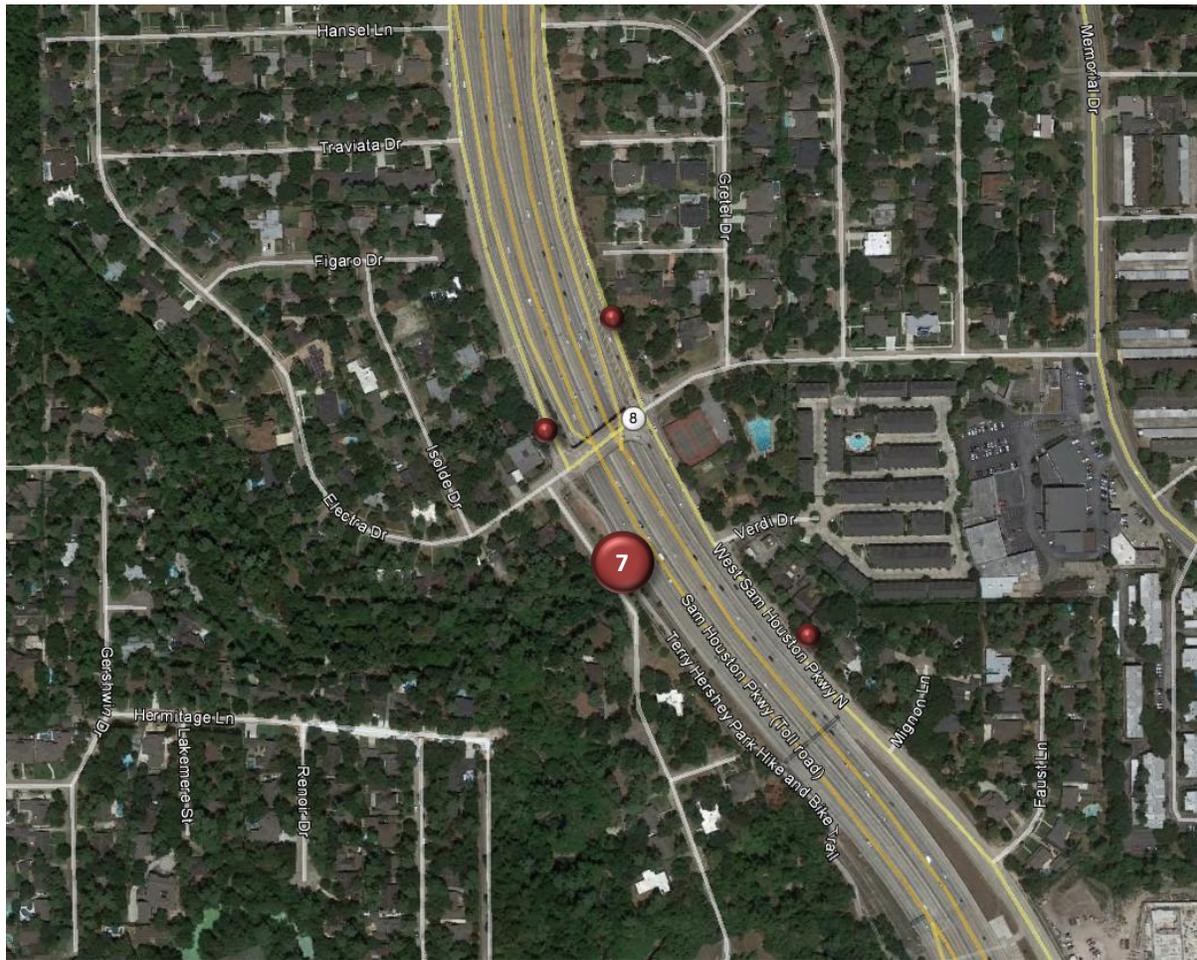
Counter #7

Terry Hershey Trail at Boheme Drive

Location Information		
Location Name	Terry Hershey Trail at Boheme Drive	
Location Description	Shared-use path (Terry Hershey Trail) at Boheme Drive	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°45'59.66"N, 95°33'42.24"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Single-Family Residential
	East	Single-Family Residential, Recreational/Institutional (Memorial Bend Club), Multi-Family Residential
	West	Single-Family Residential
What object was device secured to?	Oak Tree South of Boheme Drive	
Sidewalk Width	10'	
Buffer Width	12' (Varies: Sam Houston Tollway is depressed below grade)	
Street Width	Eight-Lane Divided Roadway	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Asphalt	
ADA Ramps	Yes (ADA Ramps at Boheme Drive/BW 8 Southbound Intersection Under Construction at Time of Deployment)	
Sidewalk Condition	Good	
Speed Limit	65 miles per hour	
Street Lighting	No (Lighting on Adjacent Sam Houston Tollway)	
Street Traffic Volume	98,179 (Sam Houston Tollway North of Westheimer Road: TxDOT 2013)	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Counter #7 malfunctioned and did not collect data during the deployment period. It was redeployed Saturday, February 6, 2016 through Thursday, February 11, 2016. • Usage tends to be higher during weekends than on weekdays. • On weekdays, usage generally increases as the day progresses, peaking in the evening (4:00 p.m. – 7:00 p.m.). • During weekends, usage is high throughout the afternoon, peaking between 4:00 p.m. and 5:00 p.m.

Location Information: Map



Location Information: Photos



Image 13: Terry Hershey Trail Facing North



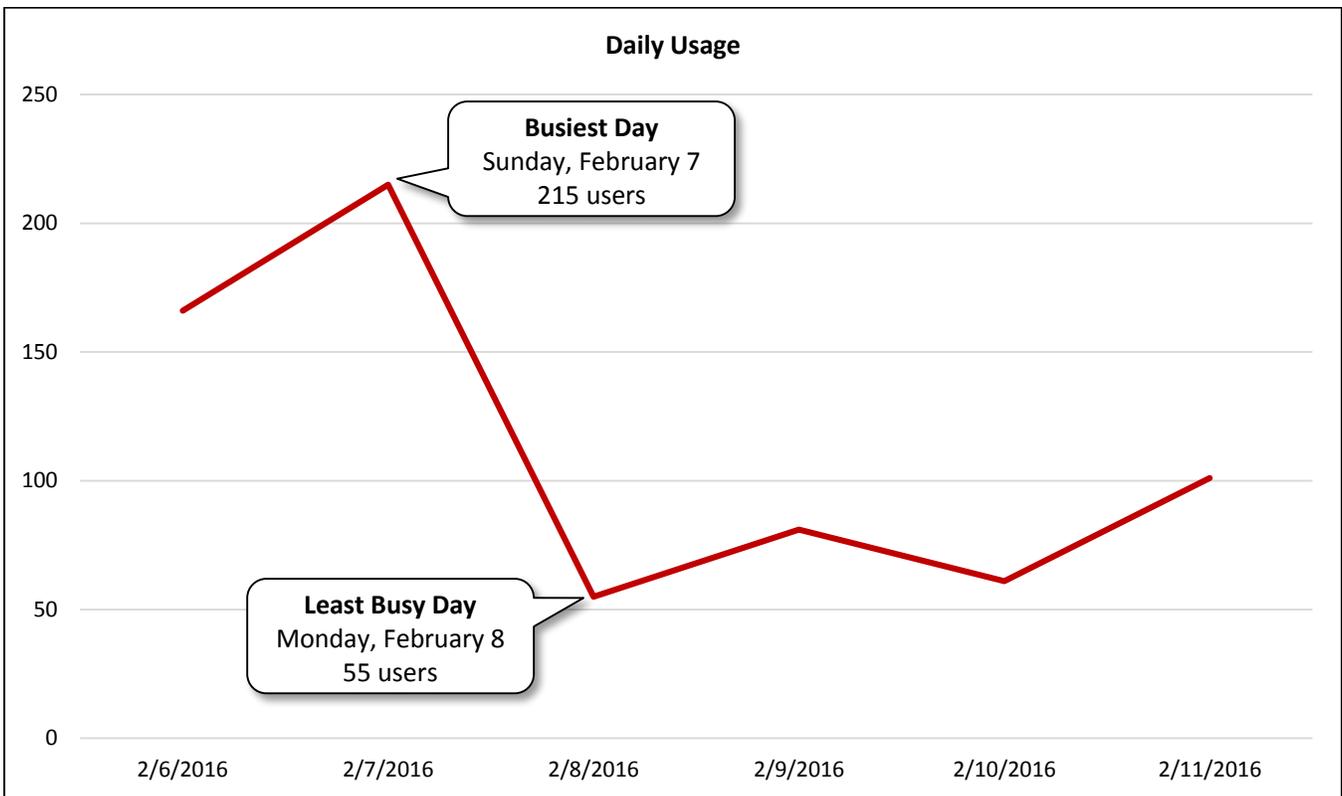
Image 14: Terry Hershey Trail Facing South

Daily Usage Terry Hershey Trail at Boheme Drive				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Saturday, February 6, 2016	166	60	39	0.07
Sunday, February 7, 2016	215	66	33	0
Monday, February 8, 2016	55	61	43	0
Tuesday, February 9, 2016	81	66	37	0
Wednesday, February 10, 2016	61	72	39	0
Thursday, February 11, 2016	101	78	50	0

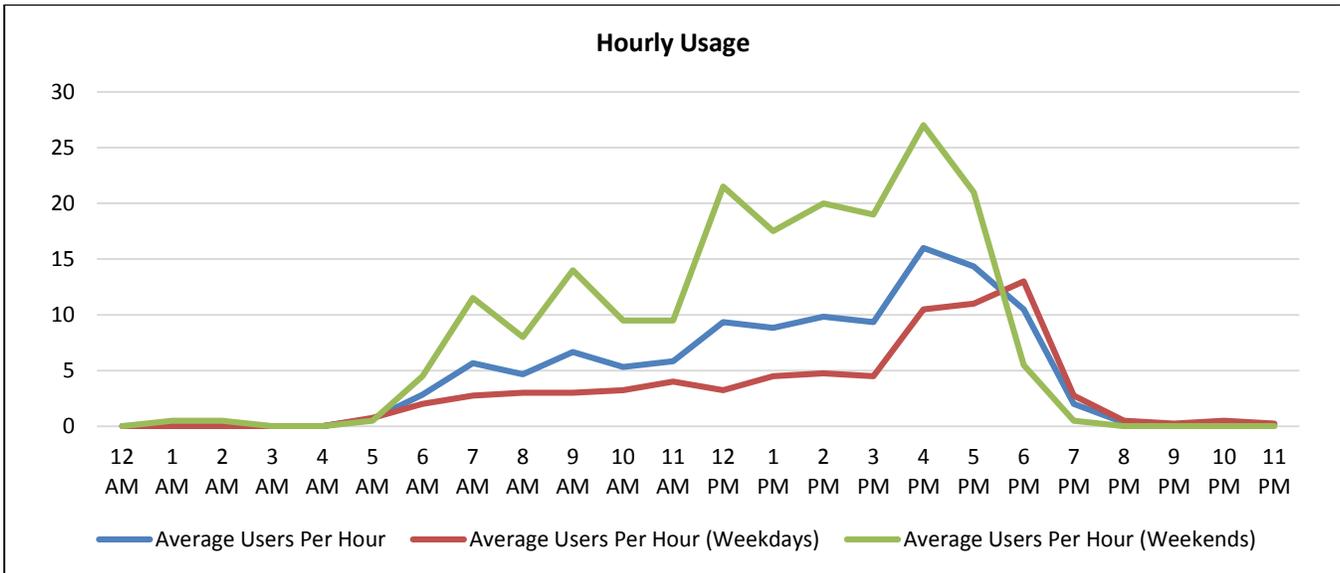
Total	679
Average Daily Usage	113
Average Daily Usage (Weekday)	75
Average Daily Usage (Weekend)	191

Notes
North of Counter #7, sidewalk ramps at the intersection of BW 8 Southbound and Boheme Drive were being reconstructed during the deployment period.

*Weather conditions recorded at KSGR.



Hourly Usage Terry Hershey Trail at Boheme Drive			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.0	0.0	0.0
1:00 a.m.	0.2	0.0	0.5
2:00 a.m.	0.2	0.0	0.5
3:00 a.m.	0.0	0.0	0.0
4:00 a.m.	0.0	0.0	0.0
5:00 a.m.	0.7	0.8	0.5
6:00 a.m.	2.8	2.0	4.5
7:00 a.m.	5.7	2.8	11.5
8:00 a.m.	4.7	3.0	8.0
9:00 a.m.	6.7	3.0	14.0
10:00 a.m.	5.3	3.3	9.5
11:00 a.m.	5.8	4.0	9.5
12:00 p.m.	9.3	3.3	21.5
1:00 p.m.	8.8	4.5	17.5
2:00 p.m.	9.8	4.8	20.0
3:00 p.m.	9.3	4.5	19.0
4:00 p.m.	16.0	10.5	27.0
5:00 p.m.	14.3	11.0	21.0
6:00 p.m.	10.5	13.0	5.5
7:00 p.m.	2.0	2.8	0.5
8:00 p.m.	0.3	0.5	0.0
9:00 p.m.	0.2	0.3	0.0
10:00 p.m.	0.3	0.5	0.0
11:00 p.m.	0.2	0.3	0.0



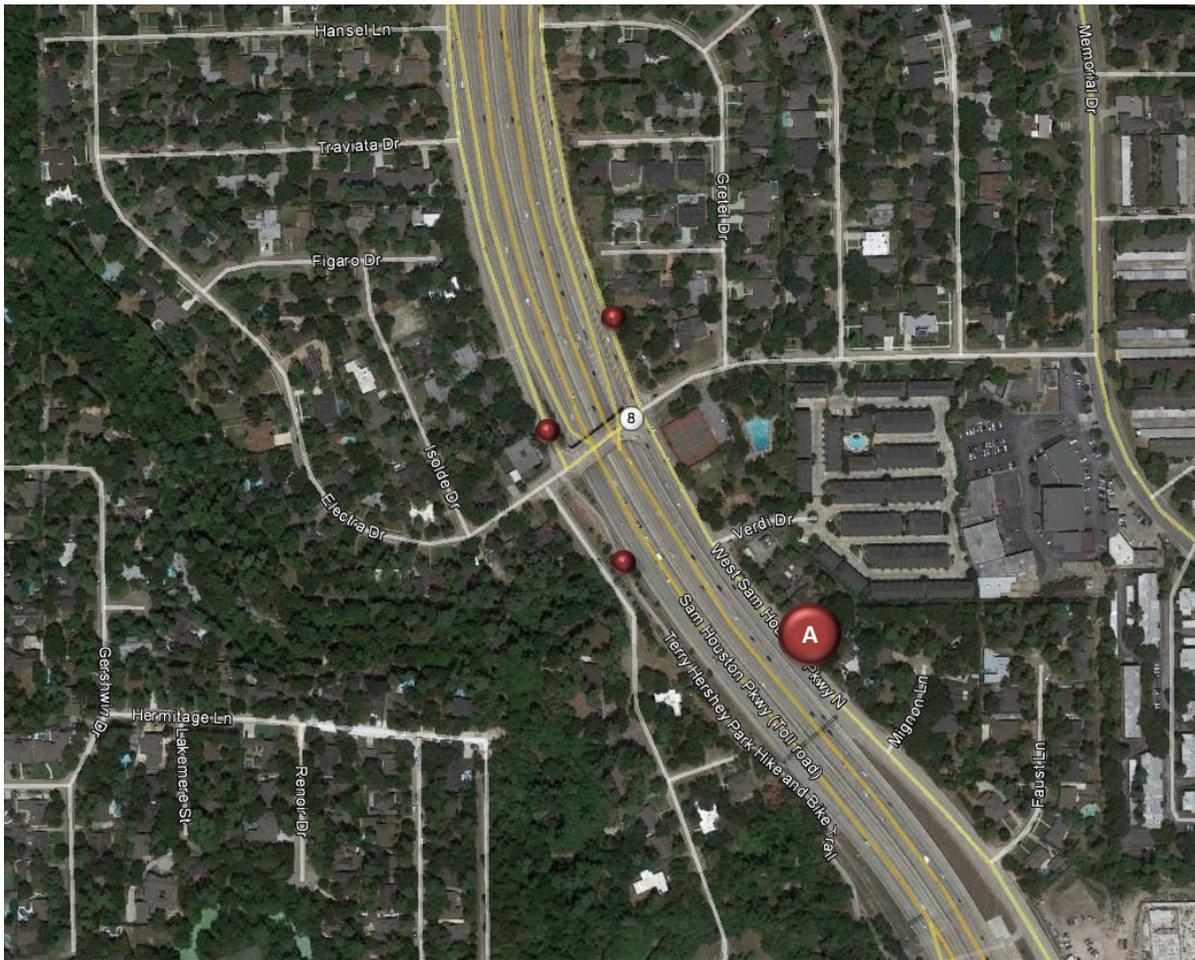
Counter A

BW 8 Northbound South of Boheme Drive

Location Information		
Location Name	BW 8 Northbound South of Boheme Drive	
Location Description	Sidewalk along BW 8 Northbound South of Boheme Drive (between Verdi Drive and Mignon Lane)	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°45'57.25"N, 95°33'37.01"W	
Surrounding Land Uses	North	Single-Family Residential, Recreational/Institutional (Memorial Bend Club), Multi-Family Residential
	South	Single-Family Residential
	East	Single-Family Residential, Multi-Family Residential
	West	Single-Family Residential
What object was device secured to?	Light Post at 314 W. Sam Houston Parkway North, Houston, TX 77024	
Sidewalk Width	4'	
Buffer Width	3'	
Street Width	Four-Lane Undivided Roadway	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Fair (Some Unevenness)	
Speed Limit	40 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	33,040 (BW 8 at Buffalo Bayou: TxDOT 2013)	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Usage tends to be higher during weekends than on weekdays. • On weekdays, usage generally increases as the day progresses, peaking in the evening (4:00 p.m. – 7:00 p.m.). • During weekends, usage is highest in the morning (7:00 a.m. – 8:00 a.m.). There is another increase in usage in the late afternoon (2:00 p.m. – 5:00 p.m.). Morning usage during weekends may be skewed, since there was abnormally high traffic on Saturday, January 23, 2016; the counter recorded 113 users between 7:48 a.m. and 7:55 a.m., while average usage between 7:00 a.m. and 8:00 a.m. was 12.3 users during the deployment period.

Location Information: Map



Location Information: Photos



Image 15: Sidewalk along BW 8 Northbound Facing North

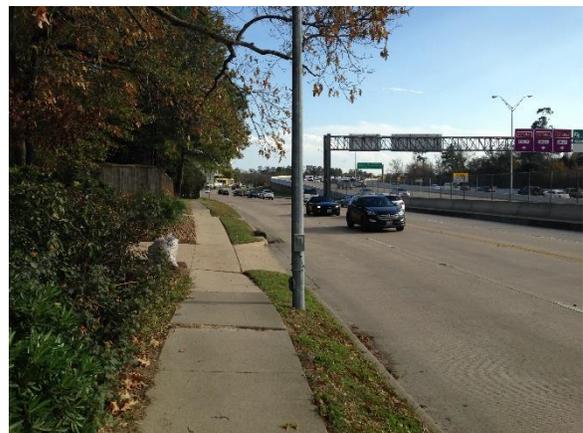


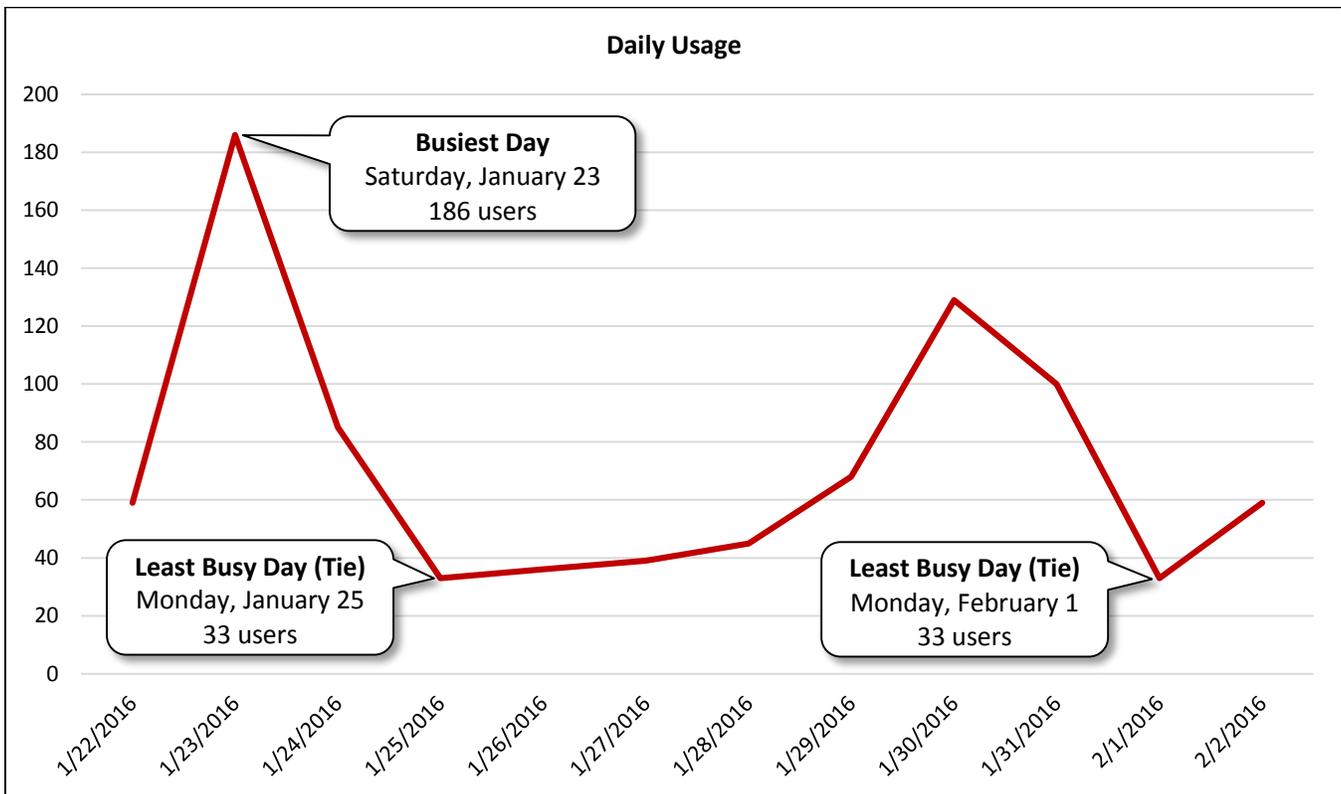
Image 16: Sidewalk along BW 8 Northbound Facing South

Daily Usage BW 8 Northbound South of Boheme Drive				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	59	53	37	0
Saturday, January 23, 2016	186	55	30	0
Sunday, January 24, 2016	85	68	36	0
Monday, January 25, 2016	33	75	52	0
Tuesday, January 26, 2016	36	64	48	0.45
Wednesday, January 27, 2016	39	57	41	0
Thursday, January 28, 2016	45	64	30	0
Friday, January 29, 2016	68	73	39	0
Saturday, January 30, 2016	129	75	45	0
Sunday, January 31, 2016	100	78	59	0
Monday, February 1, 2016	33	77	64	0
Tuesday, February 2, 2016	59	73	51	0

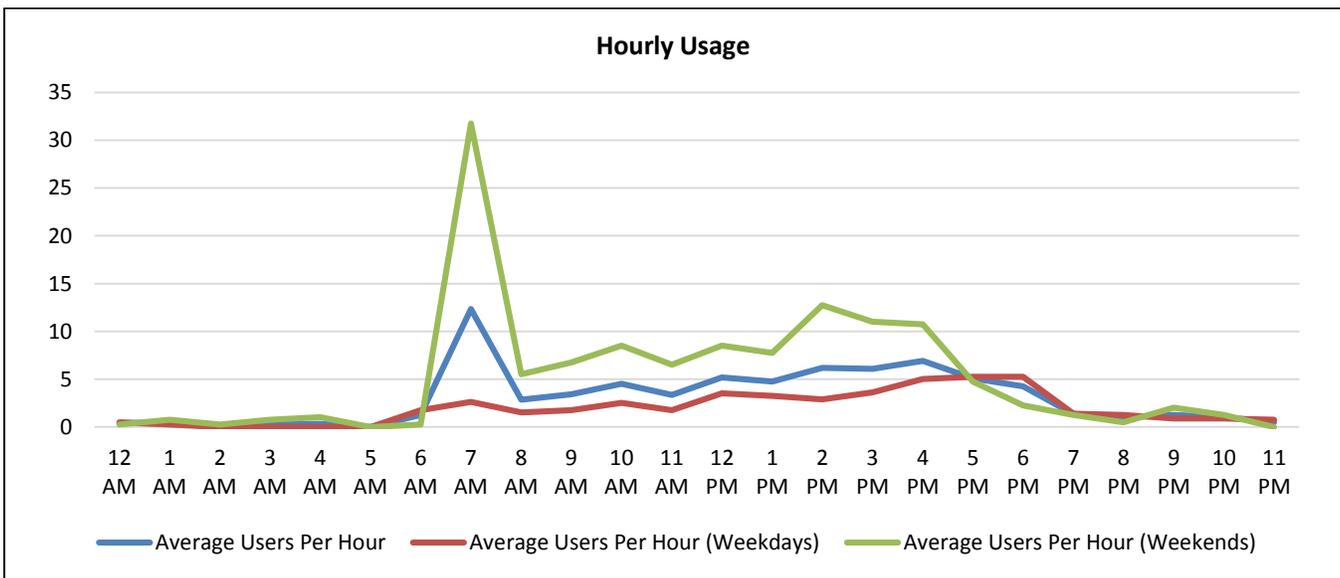
Total	872
Average Daily Usage	73
Average Daily Usage (Weekday)	47
Average Daily Usage (Weekend)	125

Notes
There was abnormally high usage on Saturday, January 23, 2016 between 7:48 a.m. and 7:55 a.m., when 113 users were recorded.

*Weather conditions recorded at KSGR.



Hourly Usage			
BW 8 Northbound South of Boheme Drive			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.4	0.5	0.3
1:00 a.m.	0.4	0.3	0.8
2:00 a.m.	0.1	0.0	0.3
3:00 a.m.	0.3	0.0	0.8
4:00 a.m.	0.3	0.0	1.0
5:00 a.m.	0.0	0.0	0.0
6:00 a.m.	1.3	1.8	0.3
7:00 a.m.	12.3	2.6	31.8
8:00 a.m.	2.8	1.5	5.5
9:00 a.m.	3.4	1.8	6.8
10:00 a.m.	4.5	2.5	8.5
11:00 a.m.	3.3	1.8	6.5
12:00 p.m.	5.2	3.5	8.5
1:00 p.m.	4.8	3.3	7.8
2:00 p.m.	6.2	2.9	12.8
3:00 p.m.	6.1	3.6	11.0
4:00 p.m.	6.9	5.0	10.8
5:00 p.m.	5.1	5.3	4.8
6:00 p.m.	4.3	5.3	2.3
7:00 p.m.	1.3	1.4	1.3
8:00 p.m.	1.0	1.3	0.5
9:00 p.m.	1.3	0.9	2.0
10:00 p.m.	1.0	0.9	1.3
11:00 p.m.	0.5	0.8	0.0



Counter B

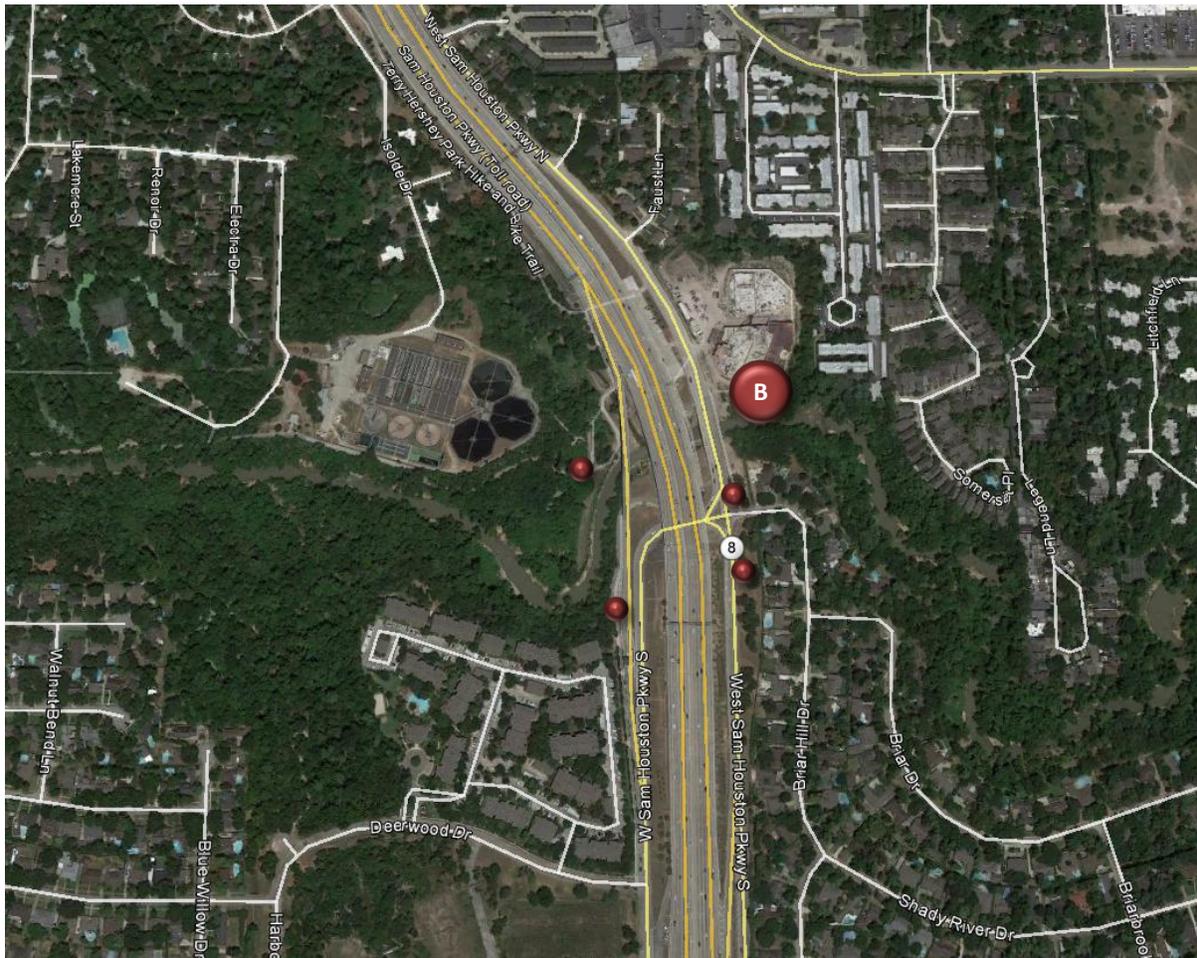
Terry Hershey Trail at BW 8 Northbound

Location Information		
Location Name	Terry Hershey Trail at BW 8 Northbound	
Location Description	Shared-use path (Terry Hershey Trail) at BW 8 Northbound/Buffalo Bayou	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°45'45.75"N, 95°33'26.40"W	
Surrounding Land Uses	North	Multi-Family Residential (Under Construction), Single-Family Residential
	South	Single-Family Residential
	East	Multi-Family Residential
	West	Terry Hershey Park, Water Treatment Facility, Single-Family Residential
What object was device secured to?	Railing Adjacent to Shared-Use Path	
Sidewalk Width	10'	
Buffer Width	N/A (Off-Road Shared-Use Path)	
Street Width	N/A (Off-Road Shared-Use Path)	
Parallel Parking	N/A (Off-Road Shared-Use Path)	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Asphalt	
ADA Ramps	Yes	
Sidewalk Condition	Good (Minor Cracking and Edge Deterioration)	
Speed Limit	N/A (Off-Road Shared-Use Path)	
Street Lighting	No	
Street Traffic Volume	N/A (Off-Road Shared-Use Path)	
Transit	No	
Shade	Yes	
Have counts been collected by H-GAC at this location before?	No	

Trends

- Usage tends to be much higher during weekends than on weekdays.
- On weekdays, usage peaks in the evening (5:00 p.m. – 6:00 p.m.).
- During weekends, usage peaks in the late morning (10:00 a.m. – 12:00 p.m.).
- Rain seems to have an impact on usage. The least busy day (Tuesday, January 26, 2016: 32 users) was also the wettest (0.45" of rain).

Location Information: Map



Location Information: Photos



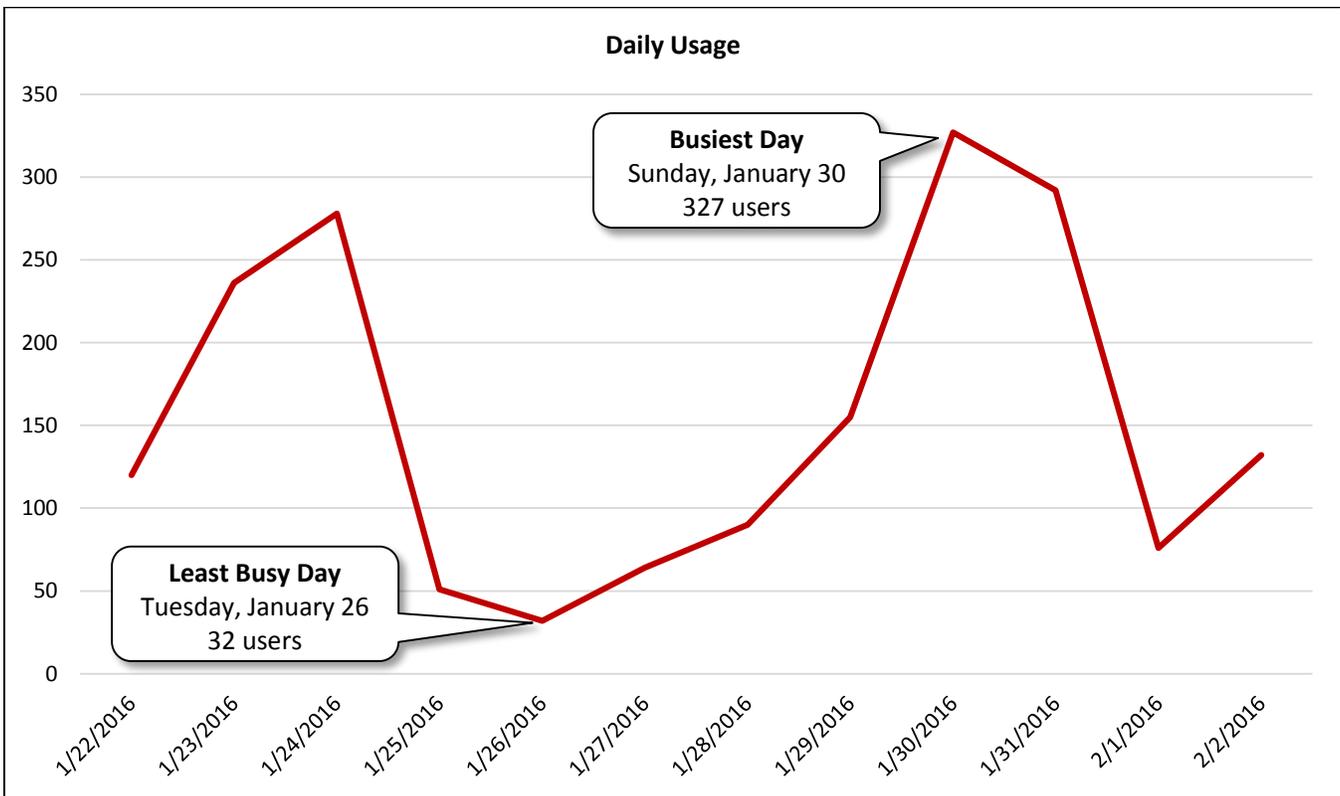
Image 17: Terry Hershey Trail Facing East



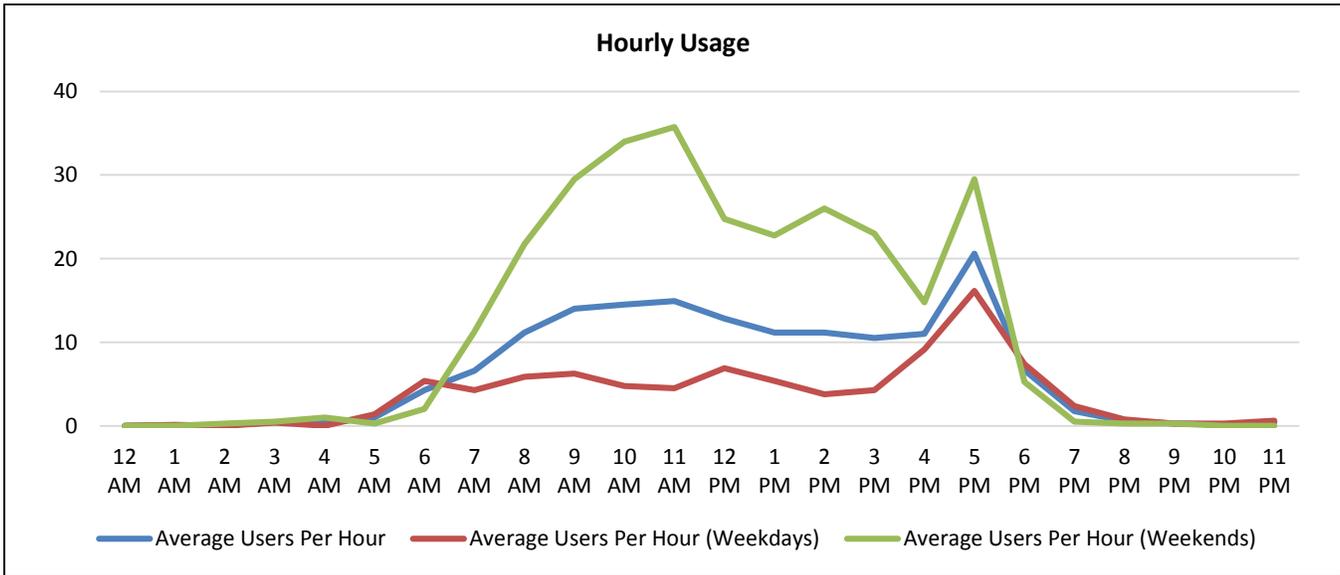
Image 18: Terry Hershey Trail Facing West

Daily Usage Terry Hershey Trail at BW 8 Northbound				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	120	53	37	0
Saturday, January 23, 2016	236	55	30	0
Sunday, January 24, 2016	278	68	36	0
Monday, January 25, 2016	51	75	52	0
Tuesday, January 26, 2016	32	64	48	0.45
Wednesday, January 27, 2016	64	57	41	0
Thursday, January 28, 2016	90	64	30	0
Friday, January 29, 2016	155	73	39	0
Saturday, January 30, 2016	327	75	45	0
Sunday, January 31, 2016	292	78	59	0
Monday, February 1, 2016	76	77	64	0
Tuesday, February 2, 2016	132	73	51	0
Total	1,853			
Average Daily Usage	154			
Average Daily Usage (Weekday)	60			
Average Daily Usage (Weekend)	283			

*Weather conditions recorded at KSGR.



Hourly Usage Terry Hershey Trail at BW 8 Northbound			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.0	0.0	0.0
1:00 a.m.	0.1	0.1	0.0
2:00 a.m.	0.1	0.0	0.3
3:00 a.m.	0.4	0.4	0.5
4:00 a.m.	0.3	0.0	1.0
5:00 a.m.	1.0	1.4	0.3
6:00 a.m.	4.3	5.4	2.0
7:00 a.m.	6.6	4.3	11.3
8:00 a.m.	11.2	5.9	21.8
9:00 a.m.	14.0	6.3	29.5
10:00 a.m.	14.5	4.8	34.0
11:00 a.m.	14.9	4.5	35.8
12:00 p.m.	12.8	6.9	24.8
1:00 p.m.	11.2	5.4	22.8
2:00 p.m.	11.2	3.8	26.0
3:00 p.m.	10.5	4.3	23.0
4:00 p.m.	11.0	9.1	14.8
5:00 p.m.	20.6	16.1	29.5
6:00 p.m.	6.7	7.4	5.3
7:00 p.m.	1.8	2.4	0.5
8:00 p.m.	0.6	0.8	0.3
9:00 p.m.	0.3	0.3	0.3
10:00 p.m.	0.2	0.3	0.0
11:00 p.m.	0.4	0.6	0.0



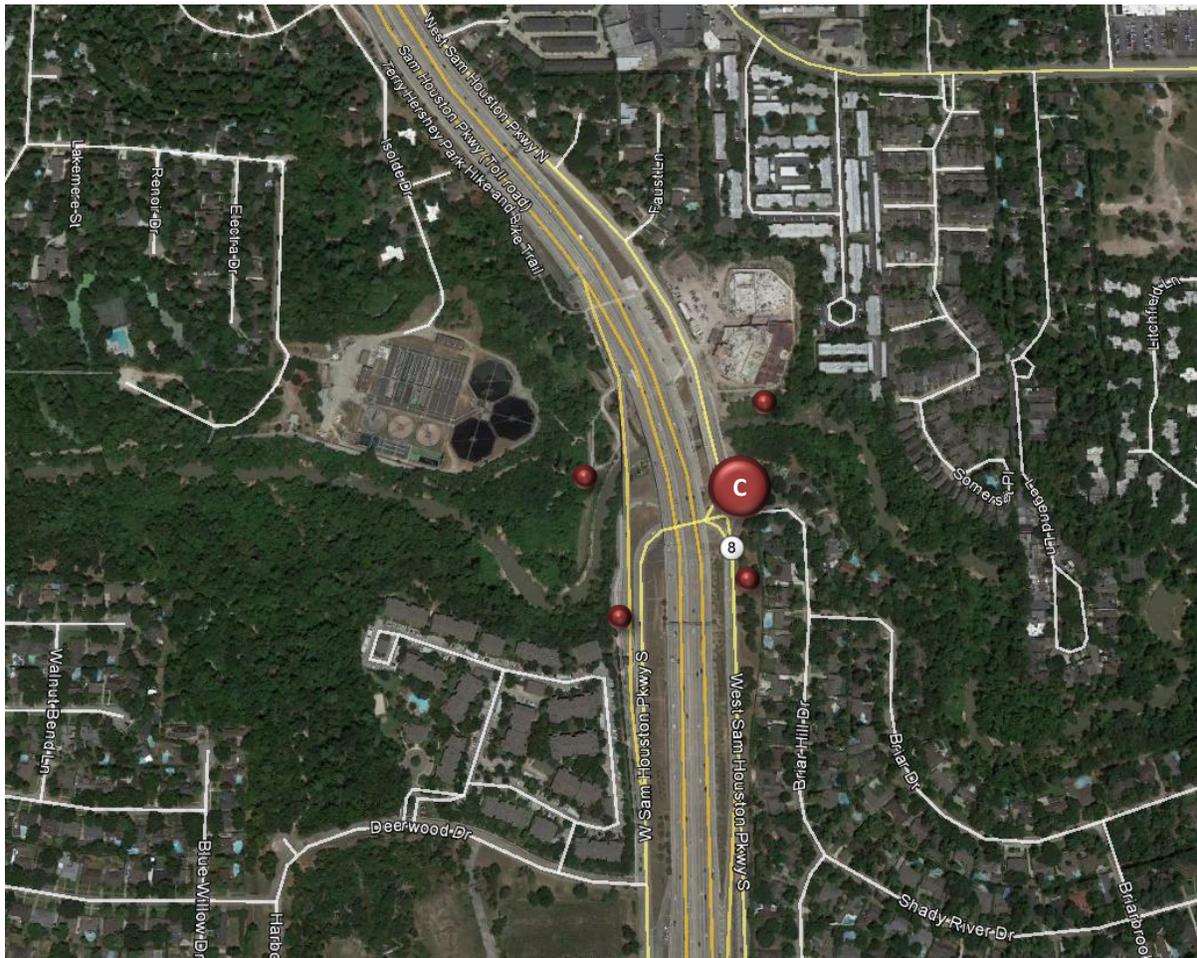
Counter C

BW 8 Northbound at Buffalo Bayou

Location Information		
Location Name	BW 8 Northbound at Buffalo Bayou	
Location Description	Sidewalk along BW 8 Northbound at the Buffalo Bayou Bridge	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°45'42.38"N, 95°33'27.02"W	
Surrounding Land Uses	North	Multi-Family Residential (Under Construction), Single-Family Residential
	South	Single-Family Residential
	East	Single-Family Residential
	West	Terry Hershey Park, Water Treatment Facility, Single-Family Residential
What object was device secured to?	Sign Post (Two-Way Traffic)	
Sidewalk Width	4'	
Buffer Width	10' (Varies)	
Street Width	Four-Lane Undivided Roadway	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Fair (Some Vegetation and Debris Cover Sidewalk)	
Speed Limit	40 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	33,040 (BW 8 at Buffalo Bayou: TxDOT 2013)	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Usage tends to be much higher during weekends than on weekdays. • On weekdays, usage generally increases as the day progresses, peaking in the evening (4:00 p.m. – 6:00 p.m.). • During weekends, usage is highest in the late afternoon (3:00 p.m. – 4:00 p.m.). • Rain seems to have an impact on usage. The least busy day (Tuesday, January 26, 2016: 10 users) was also the wettest (0.45" of rain).

Location Information: Map



Location Information: Photos



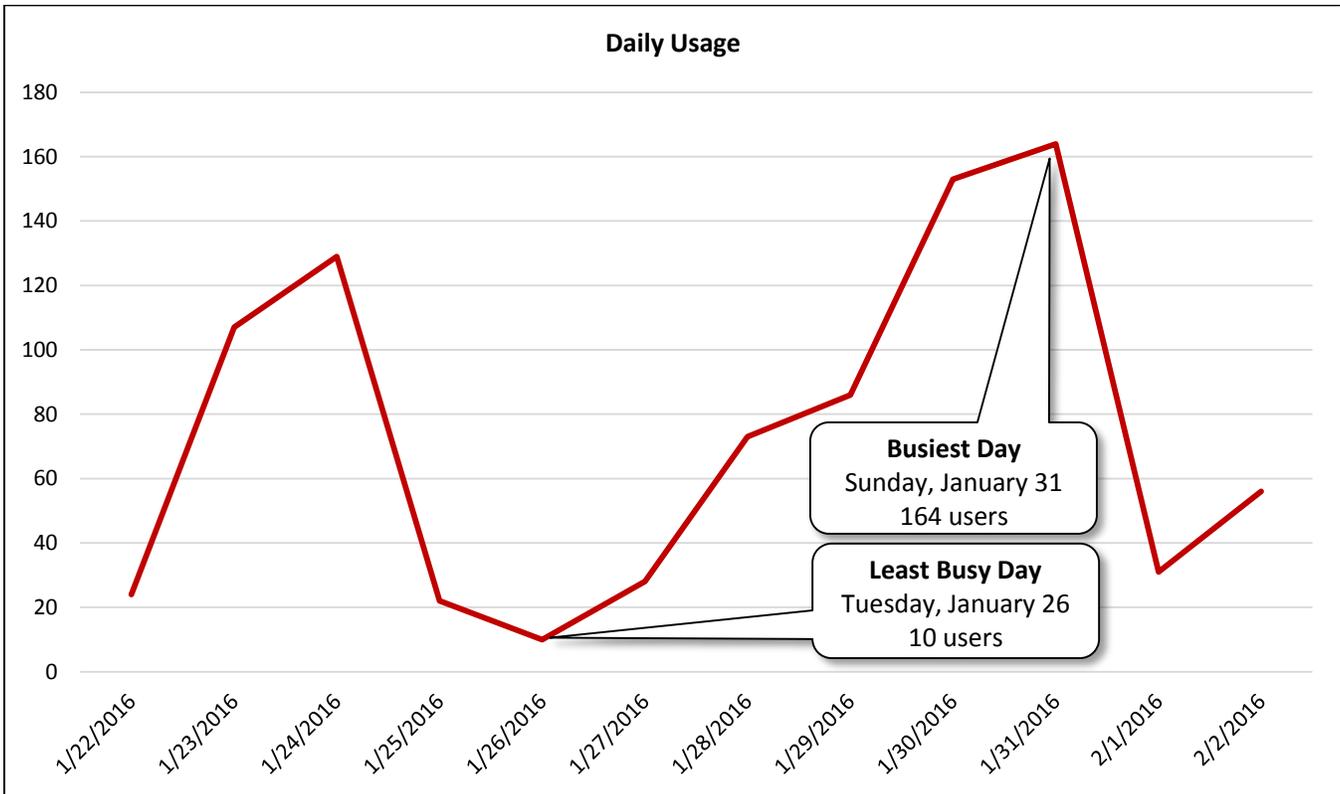
Image 19: Sidewalk along BW 8 Northbound Facing North



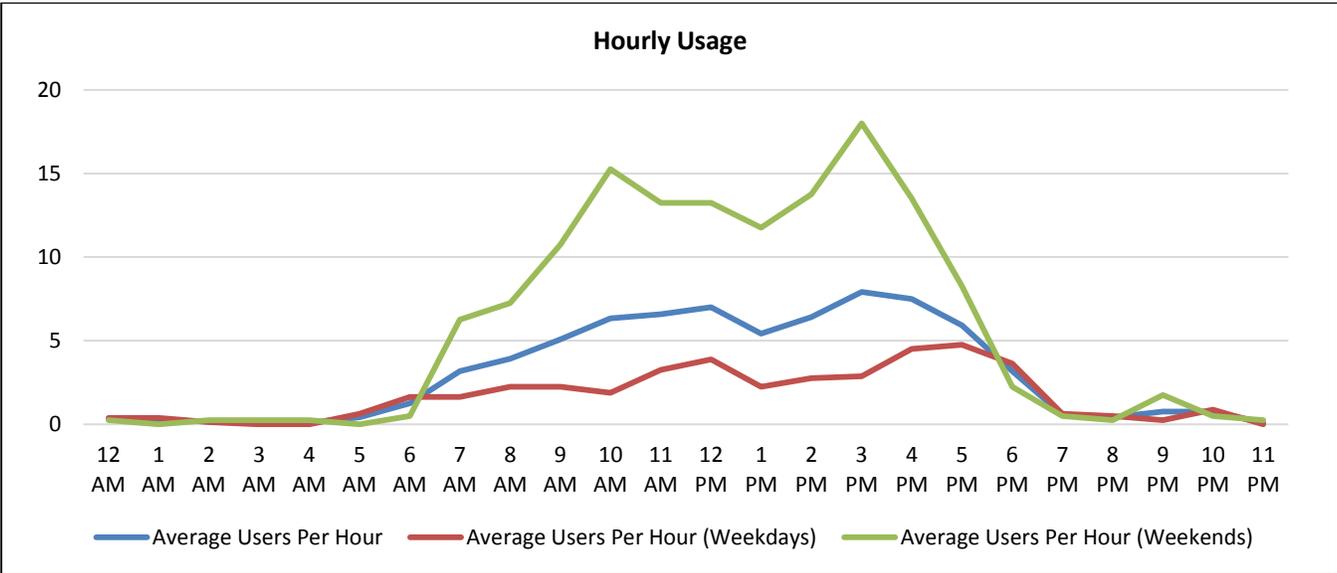
Image 20: Sidewalk along BW 8 Northbound Facing South

Daily Usage BW 8 Northbound at Buffalo Bayou				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	24	53	37	0
Saturday, January 23, 2016	107	55	30	0
Sunday, January 24, 2016	129	68	36	0
Monday, January 25, 2016	22	75	52	0
Tuesday, January 26, 2016	10	64	48	0.45
Wednesday, January 27, 2016	28	57	41	0
Thursday, January 28, 2016	73	64	30	0
Friday, January 29, 2016	86	73	39	0
Saturday, January 30, 2016	153	75	45	0
Sunday, January 31, 2016	164	78	59	0
Monday, February 1, 2016	31	77	64	0
Tuesday, February 2, 2016	56	73	51	0
Total	883			
Average Daily Usage	74			
Average Daily Usage (Weekday)	41			
Average Daily Usage (Weekend)	138			

*Weather conditions recorded at KHOU.



Hourly Usage			
BW 8 Northbound at Buffalo Bayou			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.3	0.4	0.3
1:00 a.m.	0.3	0.4	0.0
2:00 a.m.	0.2	0.1	0.3
3:00 a.m.	0.1	0.0	0.3
4:00 a.m.	0.1	0.0	0.3
5:00 a.m.	0.4	0.6	0.0
6:00 a.m.	1.3	1.6	0.5
7:00 a.m.	3.2	1.6	6.3
8:00 a.m.	3.9	2.3	7.3
9:00 a.m.	5.1	2.3	10.8
10:00 a.m.	6.3	1.9	15.3
11:00 a.m.	6.6	3.3	13.3
12:00 p.m.	7.0	3.9	13.3
1:00 p.m.	5.4	2.3	11.8
2:00 p.m.	6.4	2.8	13.8
3:00 p.m.	7.9	2.9	18.0
4:00 p.m.	7.5	4.5	13.5
5:00 p.m.	5.9	4.8	8.3
6:00 p.m.	3.2	3.6	2.3
7:00 p.m.	0.6	0.6	0.5
8:00 p.m.	0.4	0.5	0.3
9:00 p.m.	0.8	0.3	1.8
10:00 p.m.	0.8	0.9	0.5
11:00 p.m.	0.1	0.0	0.3



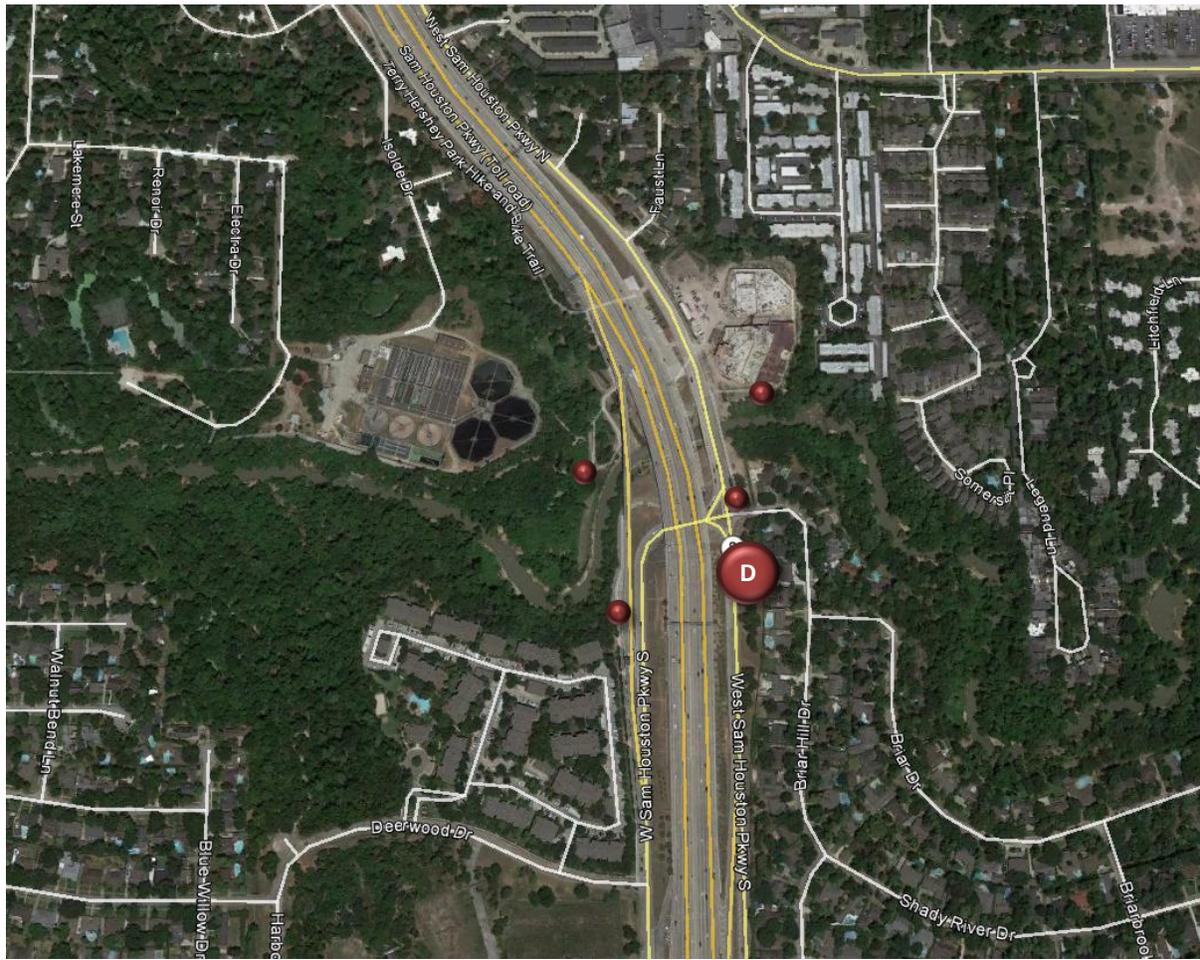
Counter D

BW 8 Northbound at Briar Hill Drive

Location Information		
Location Name	BW 8 Northbound at Briar Hill Drive	
Location Description	Sidewalk along BW 8 Northbound South of Briar Hill Drive	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°45'39.88"N, 95°33'26.66"W	
Surrounding Land Uses	North	Multi-Family Residential (Under Construction), Single-Family Residential
	South	Single-Family Residential
	East	Single-Family Residential
	West	Terry Hershey Park, Water Treatment Facility, Single-Family Residential
What object was device secured to?	Sign Post (Boheme Drive Straight)	
Sidewalk Width	4'	
Buffer Width	8' (Varies)	
Street Width	Three-Lane Frontage Road (One-Way Traffic)	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Fair (Some Unevenness and Silt Covering Sidewalk)	
Speed Limit	40 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	33,040 (BW 8 at Buffalo Bayou: TxDOT 2013)	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Overall, pedestrian/bicycle usage is low at this location. • Usage tends to be higher during weekends than on weekdays. • On weekdays, usage remains relatively steady throughout the day. • During weekends, usage is highest in the late afternoon (2:00 p.m. – 4:00 p.m.). • Rain seems to have an impact on usage. The least busy day (Tuesday, January 26, 2016: 0 users) was also the wettest (0.45" of rain).

Location Information: Map



Location Information: Photos



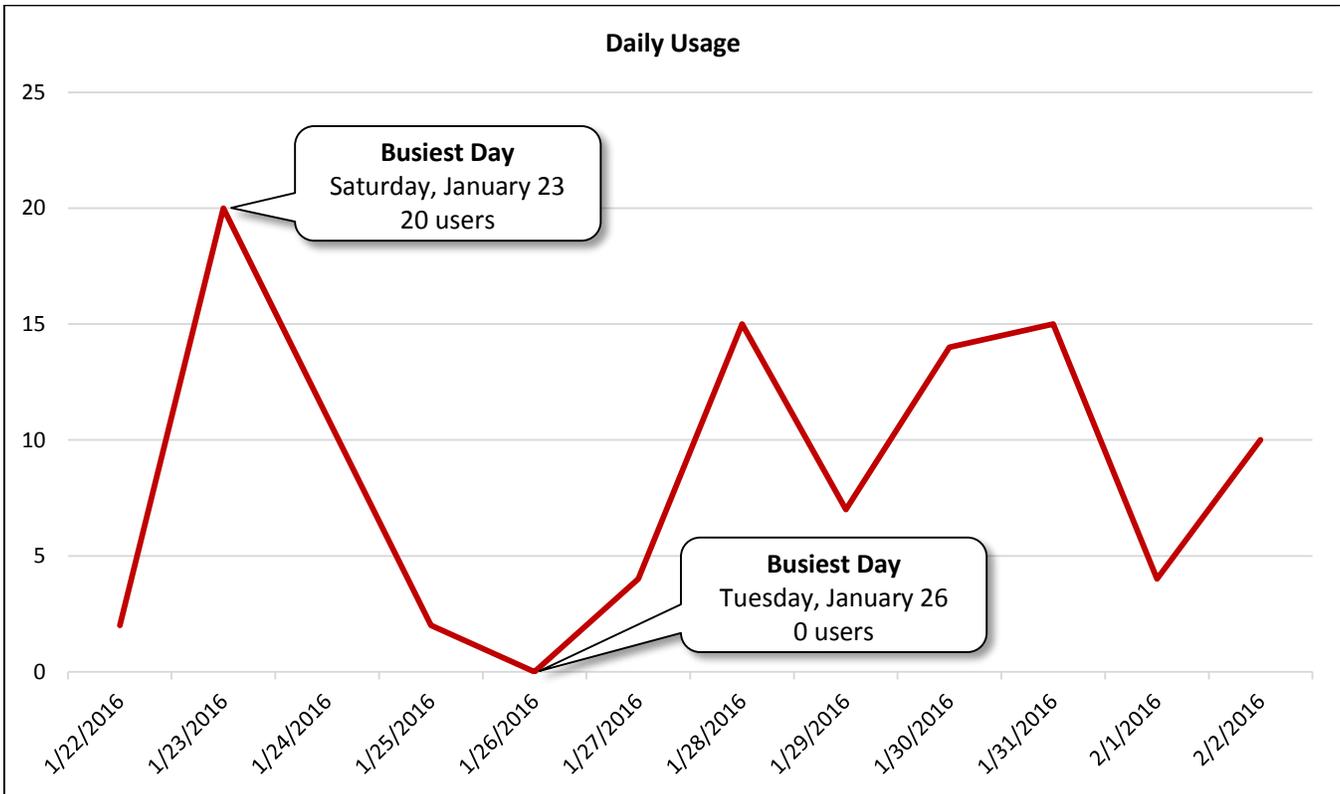
Image 21: Sidewalk along BW 8 Northbound Facing North



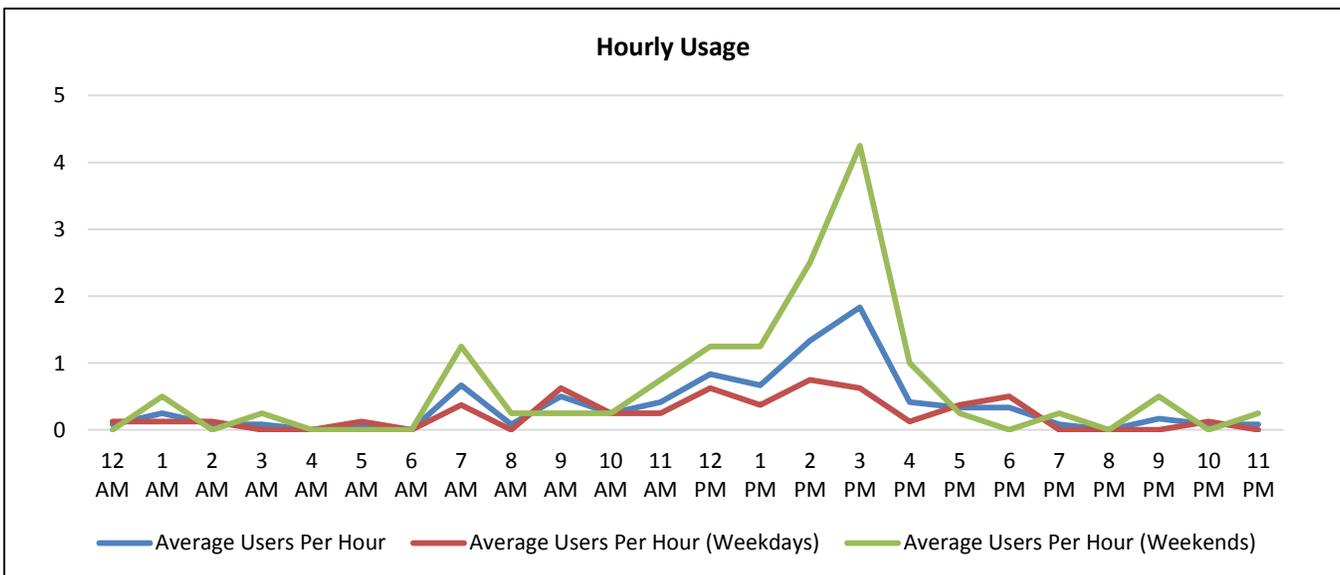
Image 22: Sidewalk along BW 8 Northbound Facing South

Daily Usage BW 8 Northbound at Briar Hill Drive				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	2	53	37	0
Saturday, January 23, 2016	20	55	30	0
Sunday, January 24, 2016	11	68	36	0
Monday, January 25, 2016	2	75	52	0
Tuesday, January 26, 2016	0	64	48	0.45
Wednesday, January 27, 2016	4	57	41	0
Thursday, January 28, 2016	15	64	30	0
Friday, January 29, 2016	7	73	39	0
Saturday, January 30, 2016	14	75	45	0
Sunday, January 31, 2016	15	78	59	0
Monday, February 1, 2016	4	77	64	0
Tuesday, February 2, 2016	10	73	51	0
Total	104			
Average Daily Usage	9			
Average Daily Usage (Weekday)	6			
Average Daily Usage (Weekend)	15			

*Weather conditions recorded at KSGR.



Hourly Usage BW 8 Northbound at Briar Hill Drive			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.1	0.1	0.0
1:00 a.m.	0.3	0.1	0.5
2:00 a.m.	0.1	0.1	0.0
3:00 a.m.	0.1	0.0	0.3
4:00 a.m.	0.0	0.0	0.0
5:00 a.m.	0.1	0.1	0.0
6:00 a.m.	0.0	0.0	0.0
7:00 a.m.	0.7	0.4	1.3
8:00 a.m.	0.1	0.0	0.3
9:00 a.m.	0.5	0.6	0.3
10:00 a.m.	0.3	0.3	0.3
11:00 a.m.	0.4	0.3	0.8
12:00 p.m.	0.8	0.6	1.3
1:00 p.m.	0.7	0.4	1.3
2:00 p.m.	1.3	0.8	2.5
3:00 p.m.	1.8	0.6	4.3
4:00 p.m.	0.4	0.1	1.0
5:00 p.m.	0.3	0.4	0.3
6:00 p.m.	0.3	0.5	0.0
7:00 p.m.	0.1	0.0	0.3
8:00 p.m.	0.0	0.0	0.0
9:00 p.m.	0.2	0.0	0.5
10:00 p.m.	0.1	0.1	0.0
11:00 p.m.	0.1	0.0	0.3



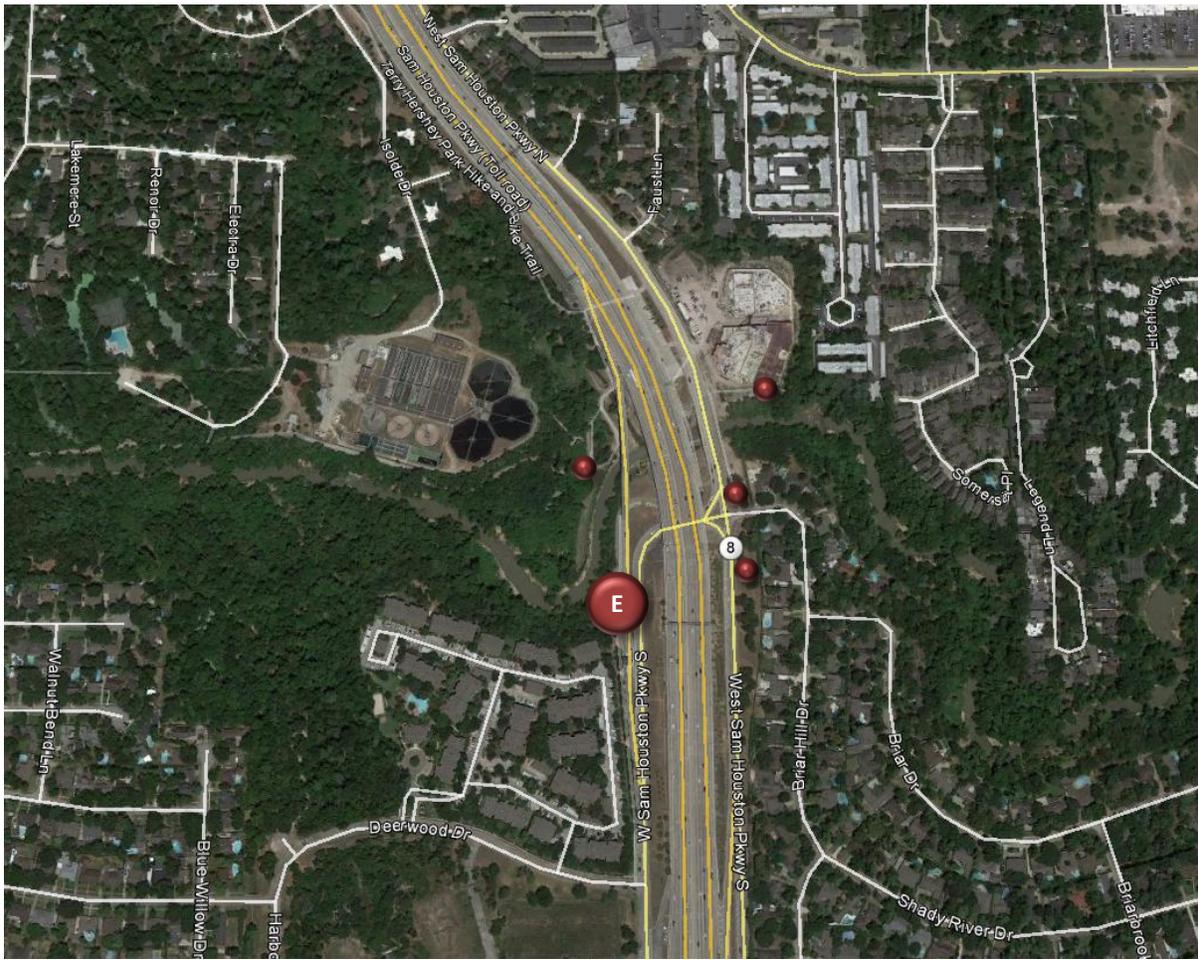
Counter E

BW 8 Southbound at Buffalo Bayou

Location Information		
Location Name	BW 8 Southbound at Buffalo Bayou	
Location Description	Shared-use path along BW 8 Southbound South of Buffalo Bayou	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°45'39.35"N, 95°33'31.84"W	
Surrounding Land Uses	North	Terry Hershey Park, Water Treatment Facility
	South	Multi-Family Residential
	East	Single-Family Residential
	West	Multi-Family Residential
What object was device secured to?	Railing Adjacent to Shared-Use Path	
Sidewalk Width	14'	
Buffer Width	10' (Varies)	
Street Width	Three-Lane Frontage Road (One-Way Traffic) and Exit Ramp	
Parallel Parking	No	
Landscaping or Trees	No	
Sidewalk Pavement Type	Asphalt	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	40 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	33,040 (BW 8 at Buffalo Bayou: TxDOT 2013)	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Usage tends to be higher on weekdays than during weekends. • On weekdays, usage generally increases as the day progresses, peaking in the late afternoon and evening (2:00 p.m. – 6:00 p.m.). • During weekends, usage remains high from late morning into the afternoon (11:00 a.m. – 4:00 p.m.). • Rain seems to have an impact on usage. The least busy day (Tuesday, January 26, 2016: 43 users) was also the wettest (0.45" of rain).

Location Information: Map



Location Information: Photos



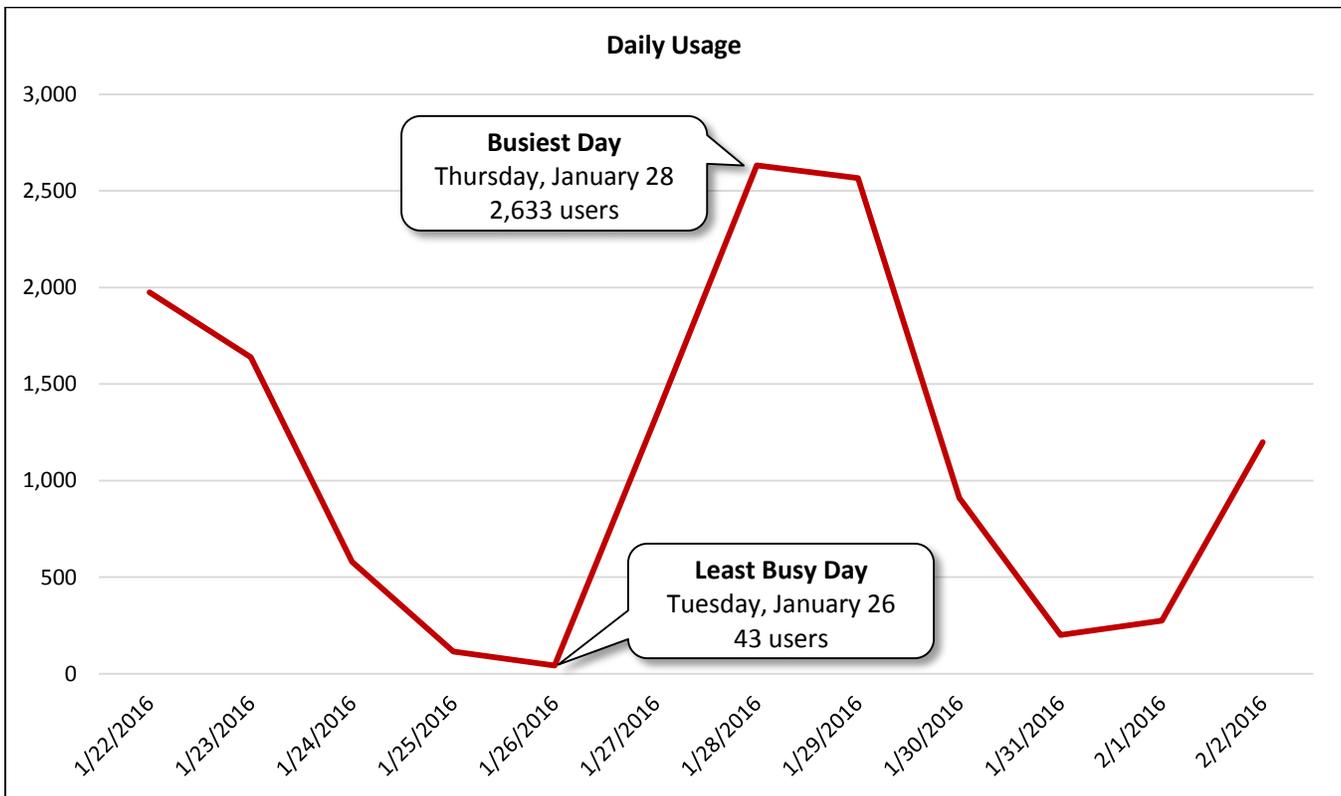
Image 23: Shared-Use Path along BW 8 Southbound Facing North



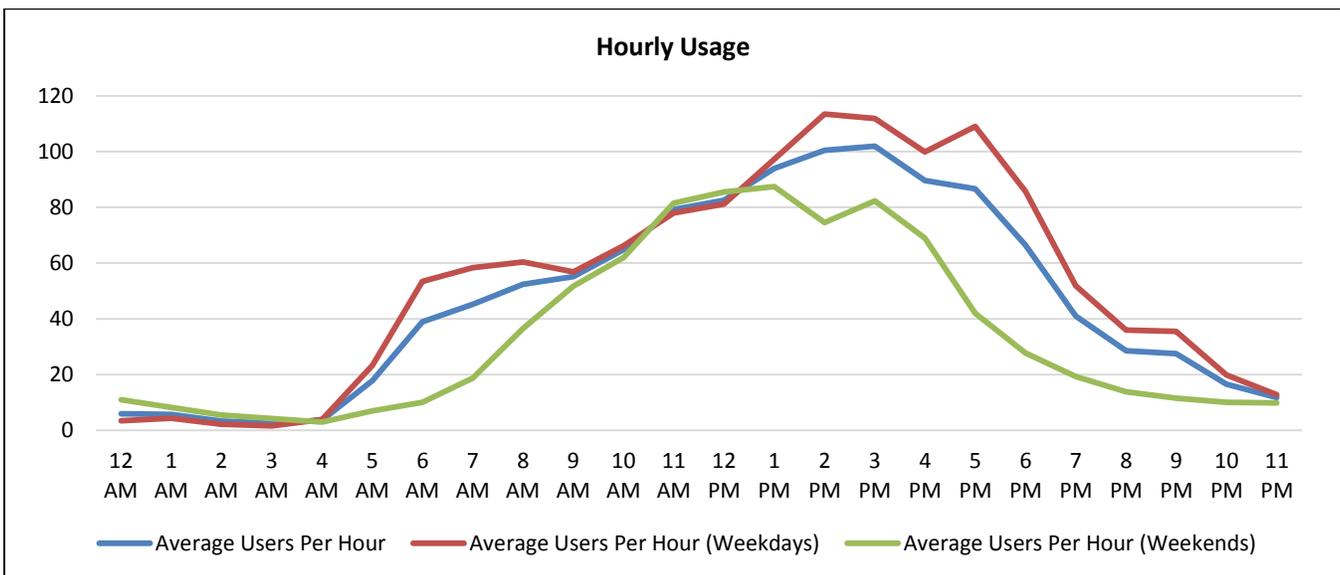
Image 24: Shared-Use Path along BW 8 Southbound Facing South

Daily Usage BW 8 Southbound at Buffalo Bayou				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	1,975	53	37	0
Saturday, January 23, 2016	1,638	55	30	0
Sunday, January 24, 2016	580	68	36	0
Monday, January 25, 2016	115	75	52	0
Tuesday, January 26, 2016	43	64	48	0.45
Wednesday, January 27, 2016	1,324	57	41	0
Thursday, January 28, 2016	2,633	64	30	0
Friday, January 29, 2016	2,566	73	39	0
Saturday, January 30, 2016	911	75	45	0
Sunday, January 31, 2016	200	78	59	0
Monday, February 1, 2016	275	77	64	0
Tuesday, February 2, 2016	1,199	73	51	0
Total	13,459			
Average Daily Usage	1,122			
Average Daily Usage (Weekday)	1,266			
Average Daily Usage (Weekend)	832			

*Weather conditions recorded at KSGR.



Hourly Usage BW 8 Southbound at Buffalo Bayou			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	5.9	3.4	11.0
1:00 a.m.	5.7	4.4	8.3
2:00 a.m.	3.3	2.1	5.5
3:00 a.m.	2.5	1.6	4.3
4:00 a.m.	3.6	3.9	3.0
5:00 a.m.	17.8	23.3	7.0
6:00 a.m.	38.9	53.4	10.0
7:00 a.m.	45.2	58.4	18.8
8:00 a.m.	52.4	60.4	36.5
9:00 a.m.	55.2	56.9	51.8
10:00 a.m.	64.8	66.3	62.0
11:00 a.m.	79.2	78.0	81.5
12:00 p.m.	82.6	81.1	85.5
1:00 p.m.	94.0	97.3	87.5
2:00 p.m.	100.5	113.5	74.5
3:00 p.m.	102.0	111.9	82.3
4:00 p.m.	89.6	99.9	69.0
5:00 p.m.	86.7	109.0	42.0
6:00 p.m.	66.4	85.8	27.8
7:00 p.m.	41.0	51.9	19.3
8:00 p.m.	28.6	36.0	13.8
9:00 p.m.	27.5	35.5	11.5
10:00 p.m.	16.6	19.9	10.0
11:00 p.m.	11.8	12.8	9.8



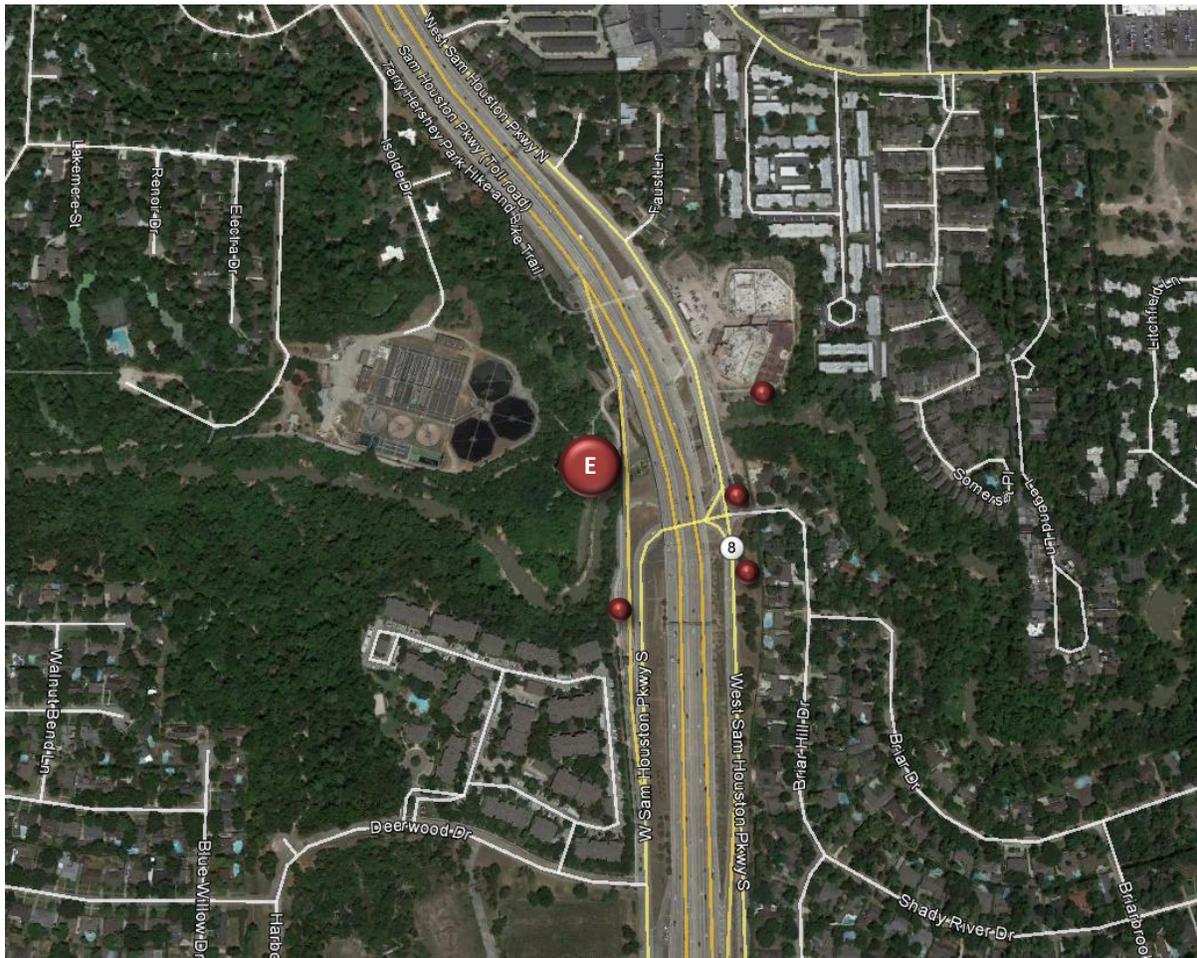
Counter F

Terry Hershey Trail West of BW 8

Location Information		
Location Name	Terry Hershey Trail West of BW 8	
Location Description	Shared-use path (Terry Hershey Trail) west of BW 8	
Jurisdiction	City of Houston	
Agency Deployed	Houston-Galveston Area Council, Texas Transportation Institute, and Texas Department of Transportation	
GPS Coordinates	29°45'43.30"N, 95°33'33.50"W	
Surrounding Land Uses	North	Water Treatment Facility, Single-Family Residential
	South	Multi-Family Residential
	East	Multi-Family Residential (Under Construction), Single-Family Residential
	West	Water Treatment Facility, Single-Family Residential
What object was device secured to?	Sign Post (Cyclists Must Yield to Pedestrians)	
Sidewalk Width	10'	
Buffer Width	N/A (Off-Road Shared-Use Path)	
Street Width*	N/A (Off-Road Shared-Use Path)	
Parallel Parking	N/A (Off-Road Shared-Use Path)	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Asphalt	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	N/A (Off-Road Shared-Use Path)	
Street Lighting	No	
Street Traffic Volume	N/A (Off-Road Shared-Use Path)	
Transit	No	
Shade	Yes	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Usage tends to be much higher during weekends than on weekdays. • On weekdays, usage generally increases as the day progresses, peaking in the evening (5:00 p.m. – 6:00 p.m.). • During weekends, usage generally increases as the day progresses, peaking in the late afternoon (2:00 p.m. – 5:00 p.m.). • Rain seems to have an impact on usage. The least busy day (Tuesday, January 26, 2016: 172 users) was also the wettest (0.45" of rain).

Location Information: Map



Location Information: Photos



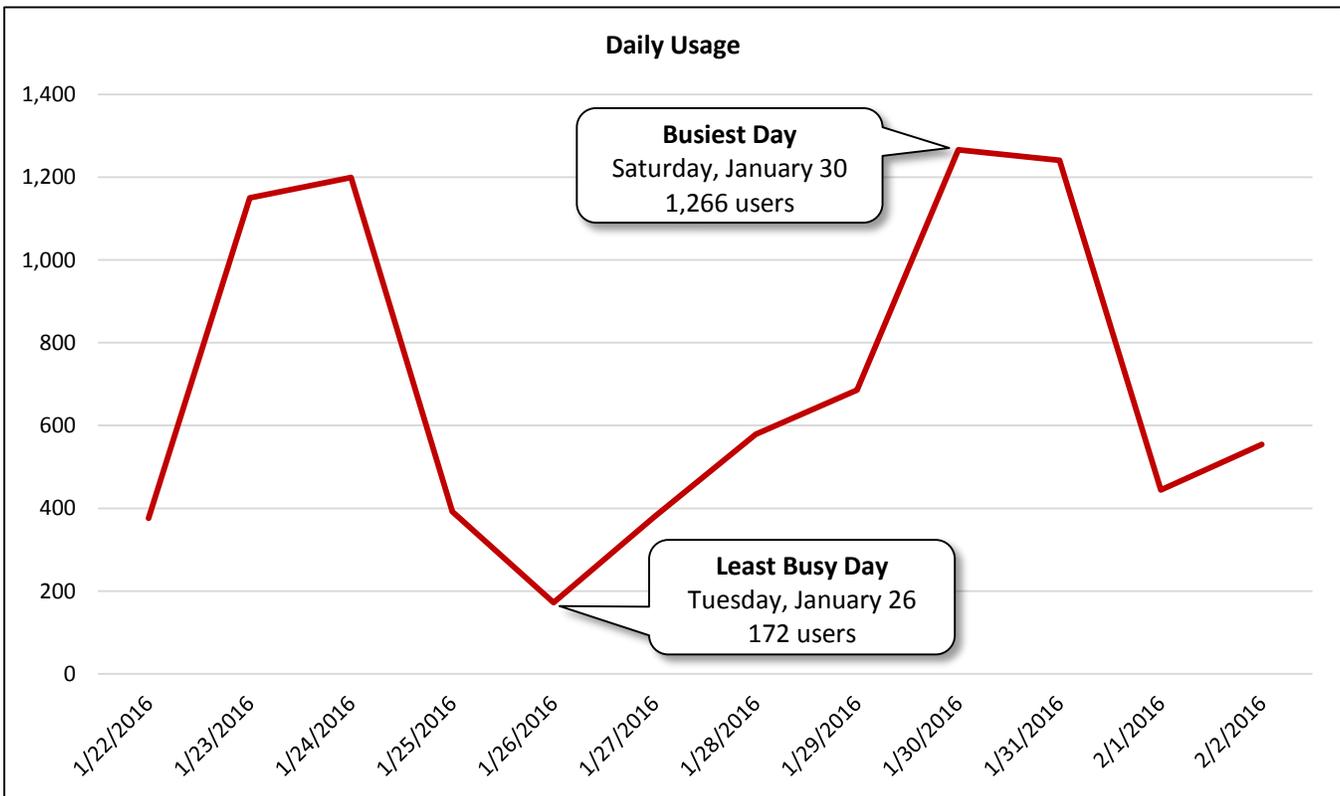
Image 25: Terry Hershey Trail Facing East



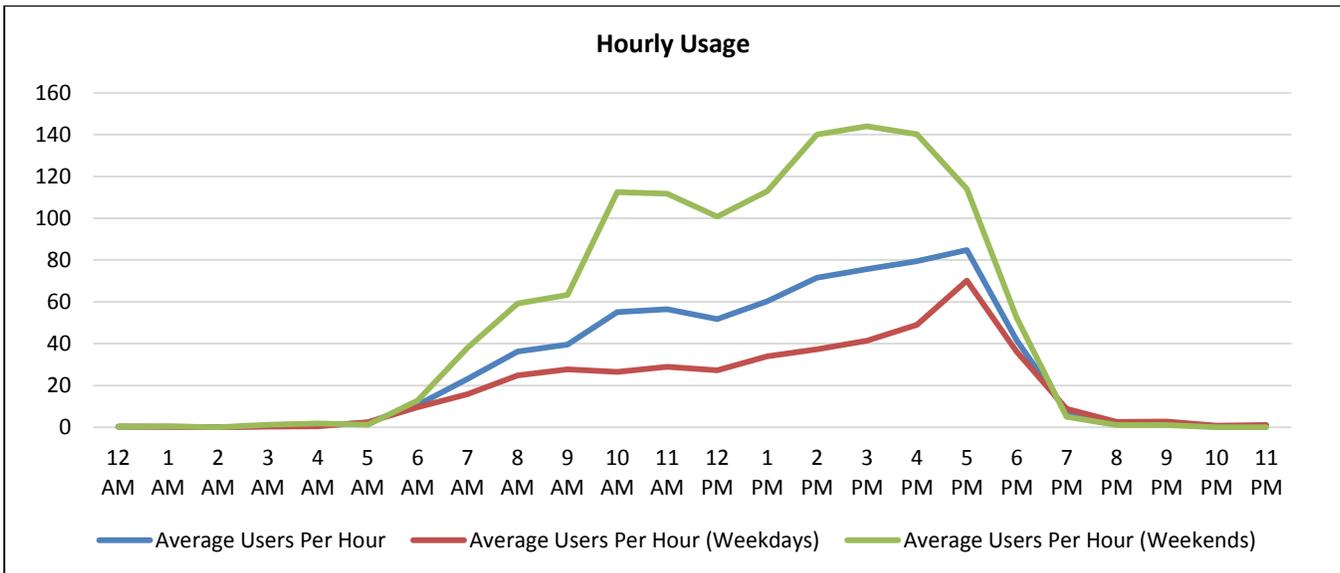
Image 26: Terry Hershey Trail Facing West

Daily Usage Terry Hershey Trail West of BW 8				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, January 22, 2016	376	53	37	0
Saturday, January 23, 2016	1,150	55	30	0
Sunday, January 24, 2016	1,199	68	36	0
Monday, January 25, 2016	392	75	52	0
Tuesday, January 26, 2016	172	64	48	0.45
Wednesday, January 27, 2016	380	57	41	0
Thursday, January 28, 2016	579	64	30	0
Friday, January 29, 2016	686	73	39	0
Saturday, January 30, 2016	1,266	75	45	0
Sunday, January 31, 2016	1,241	78	59	0
Monday, February 1, 2016	444	77	64	0
Tuesday, February 2, 2016	554	73	51	0
Total	8,439			
Average Daily Usage	703			
Average Daily Usage (Weekday)	448			
Average Daily Usage (Weekend)	1,214			

*Weather conditions recorded at KSGR.



Hourly Usage			
Terry Hershey Trail West of BW 8			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.3	0.3	0.3
1:00 a.m.	0.3	0.1	0.5
2:00 a.m.	0.0	0.0	0.0
3:00 a.m.	0.6	0.3	1.3
4:00 a.m.	0.8	0.4	1.8
5:00 a.m.	2.1	2.5	1.3
6:00 a.m.	10.7	9.6	12.8
7:00 a.m.	23.2	15.8	38.0
8:00 a.m.	36.3	24.8	59.3
9:00 a.m.	39.6	27.8	63.3
10:00 a.m.	55.2	26.5	112.5
11:00 a.m.	56.5	28.9	111.8
12:00 p.m.	51.8	27.3	100.8
1:00 p.m.	60.3	33.9	113.0
2:00 p.m.	71.5	37.3	140.0
3:00 p.m.	75.6	41.4	144.0
4:00 p.m.	79.4	49.0	140.3
5:00 p.m.	84.8	70.1	114.0
6:00 p.m.	41.7	36.3	52.5
7:00 p.m.	7.5	8.8	5.0
8:00 p.m.	2.1	2.6	1.0
9:00 p.m.	2.2	2.8	1.0
10:00 p.m.	0.5	0.8	0.0
11:00 p.m.	0.8	1.1	0.0



Participants

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

Texas Department of Transportation
www.txdot.gov

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