

HOUSTON-GALVESTON AREA COUNCIL



Temporary Pedestrian/Bicycle Counters
Data Summary

Deployment Summary	
Sponsoring Agency	Buffalo Bayou Partnership/City of Houston: Parks & Recreation Department
Deployment Period	September 25, 2014 – October 20, 2014
Number of Counters Deployed	3
Locations Deployed	
Counter #1	Buffalo Bayou North Bank: Police Memorial (Note: This counter malfunctioned and did not collect data.)
Counter #2	Eleanor Tinsley Park
Counter #3	Buffalo Bayou North Bank: St. Thomas High School

About the Temporary Pedestrian/Bicycle Counters

The Houston-Galveston Area Council (H-GAC) has three 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.

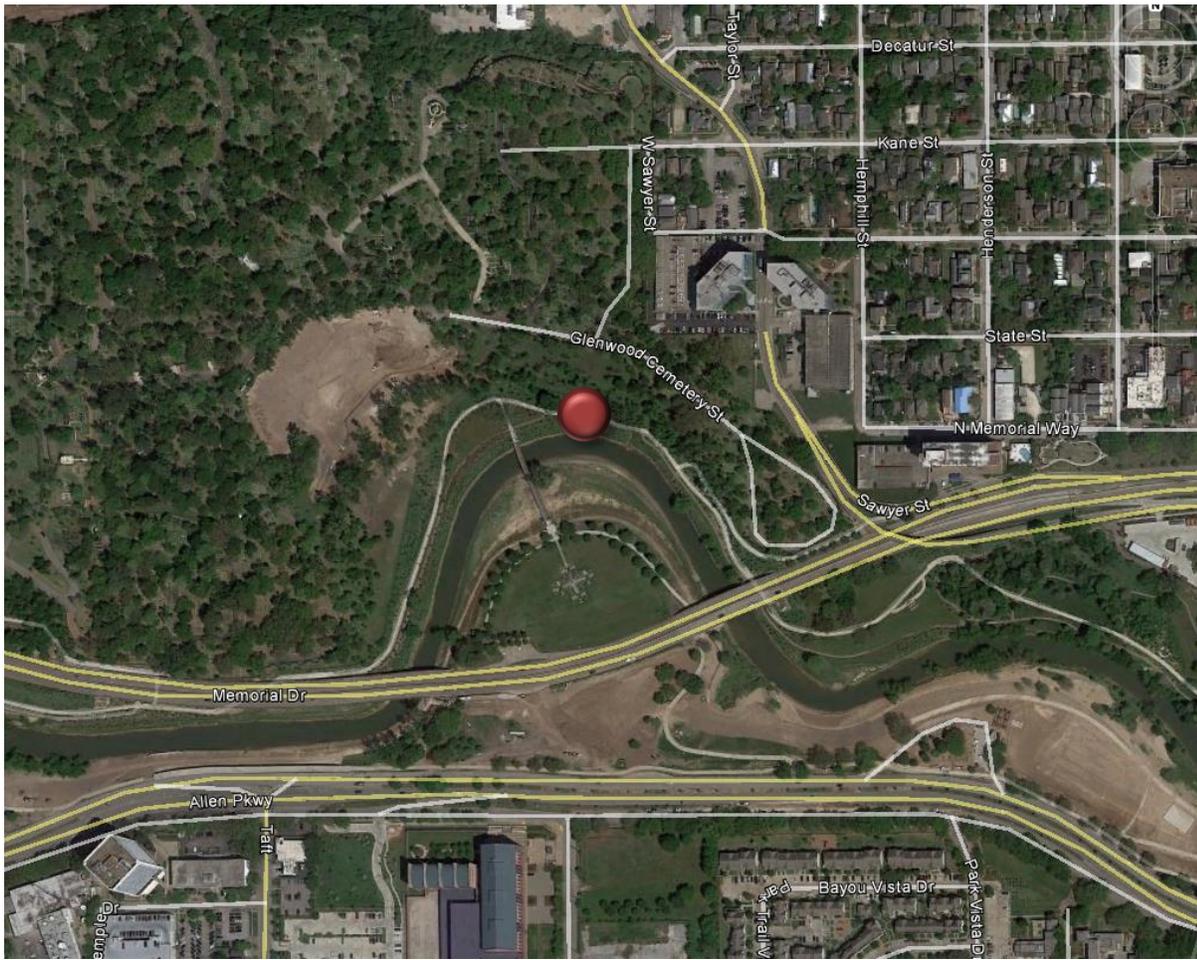
Counter #1

Buffalo Bayou North Bank: Police Memorial

(Note: This counter malfunctioned and did not collect data.)

Location Information	
Location Name	Buffalo Bayou North Bank: Police Memorial
Location Description	Buffalo Bayou North Bank on a sign post east of Carruth Bridge (pedestrian bridge over bayou near Police Memorial) and west of bridge of Glenwood Tributary (near Light Post #43).
Jurisdiction	City of Houston
Agency Deployed	Buffalo Bayou Partnership/City of Houston: Parks & Recreation Dept.
What object was device secured to?	Bike Route Post (near Light Post #43)
Date/Time Installed	Thursday, September 25, 2014 (4:00 p.m.)
Date/Time Retrieved	Monday, October 20, 2014 (12:50 p.m.)
Sidewalk Width	10'
Buffer Width	n/a (counter about 3' from path)
Street Width	n/a (off-street shared-use path)
Parallel Parking	n/a (off-street shared-use path)
Landscaping or Trees	Yes
Sidewalk Pavement Type	Concrete
ADA Ramps	Yes
Sidewalk Condition	Excellent
Speed Limit	n/a (off-street shared-use path)
Street Lighting	Yes
Street Traffic Volume	n/a (off-street shared-use path)
Transit	n/a (off-street shared-use path)
Shade	Yes
Have counts been collected by H-GAC at this location before?	No

Location Information: Map



Location Information: Photos



Image 1: Trail along Buffalo Bayou Facing West

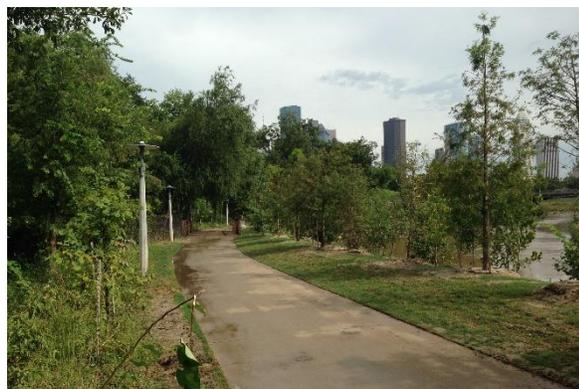


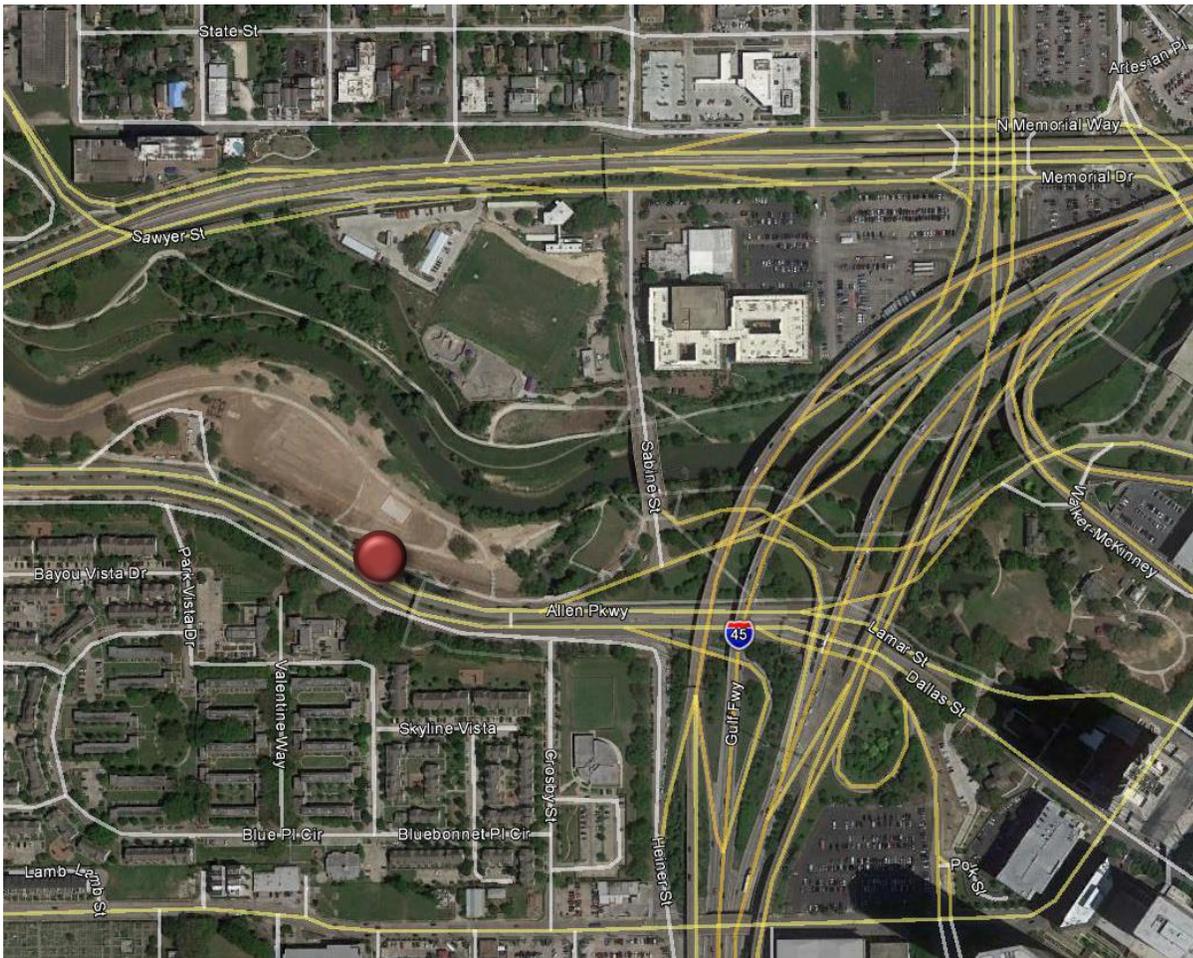
Image 2: Trail along Buffalo Bayou Facing East

Counter #2

Eleanor Tinsley Park

Location Information	
Location Name	Eleanor Tinsley Park
Location Description	Shared-use path along Allen Parkway adjacent to Eleanor Tinsley Park, just west of the pedestrian bridge that crosses Allen Parkway. It is affixed to a streetlight between the shared-use path and Allen Parkway.
Jurisdiction	City of Houston
Agency Deployed	Buffalo Bayou Partnership/City of Houston: Parks & Recreation Dept.
What object was device secured to?	Streetlight between Allen Parkway and the shared-use path
Date/Time Installed	Thursday, September 25, 2014 (4:30 p.m.)
Date/Time Retrieved	Monday, October 20, 2014 (12:50 p.m.)
Sidewalk Width	10'
Buffer Width	10'
Street Width	9 lanes (6 main lanes + 3 lanes on frontage road on opposite side)
Parallel Parking	No
Landscaping or Trees	Yes
Sidewalk Pavement Type	Concrete
ADA Ramps	Yes
Sidewalk Condition	Excellent
Speed Limit	40 mph
Street Lighting	Yes
Street Traffic Volume	40,610 (I-45 to Taft in 2011 per City of Houston)
Transit	No
Shade	Yes
Have counts been collected by H-GAC at this location before?	No

Location Information: Map



Location Information: Photos



Image 3: Trail along Allen Parkway Facing West

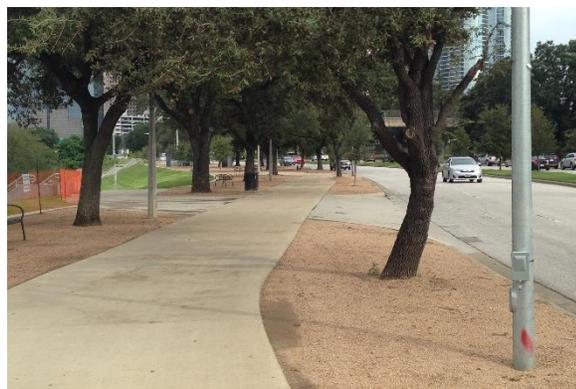
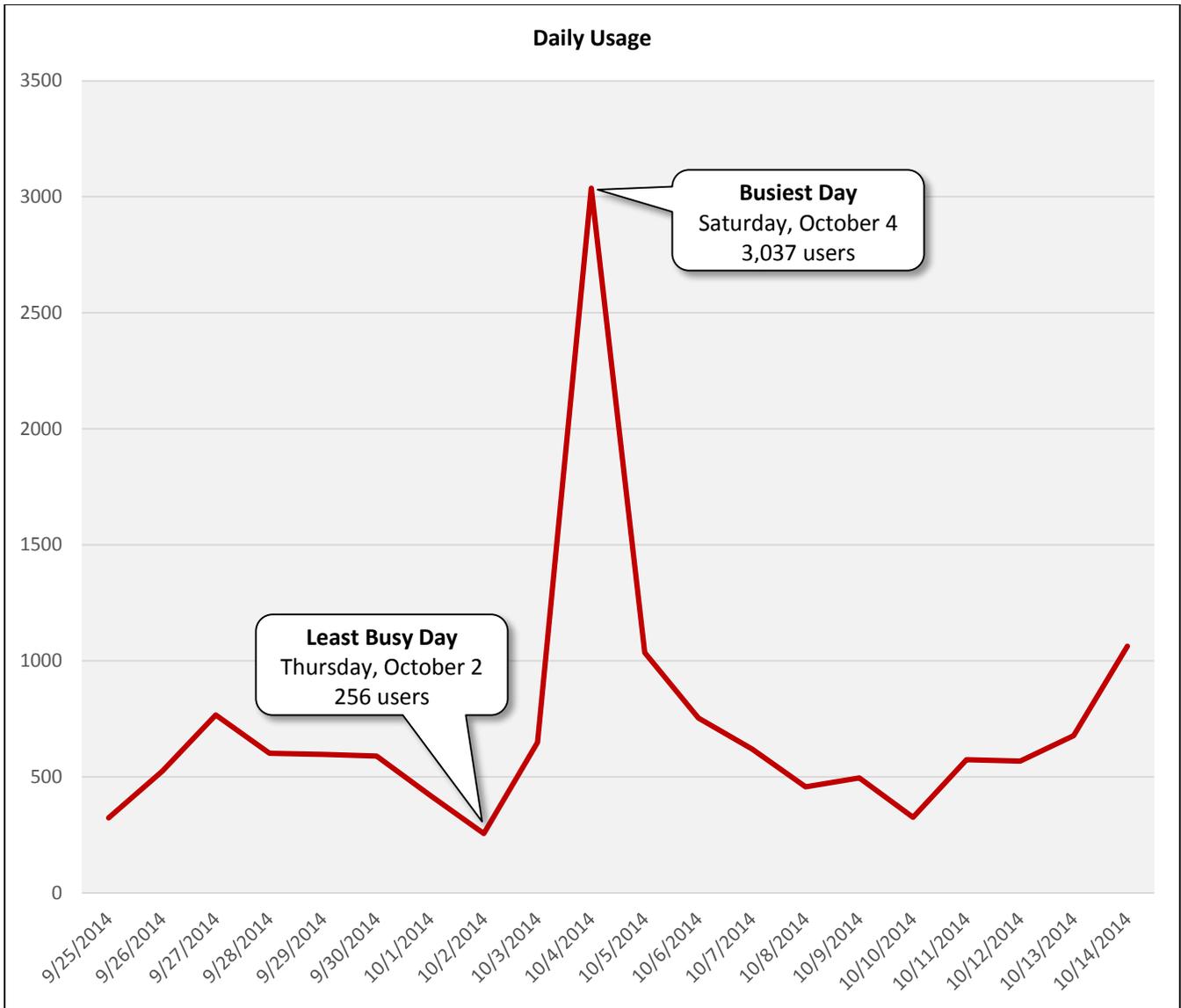
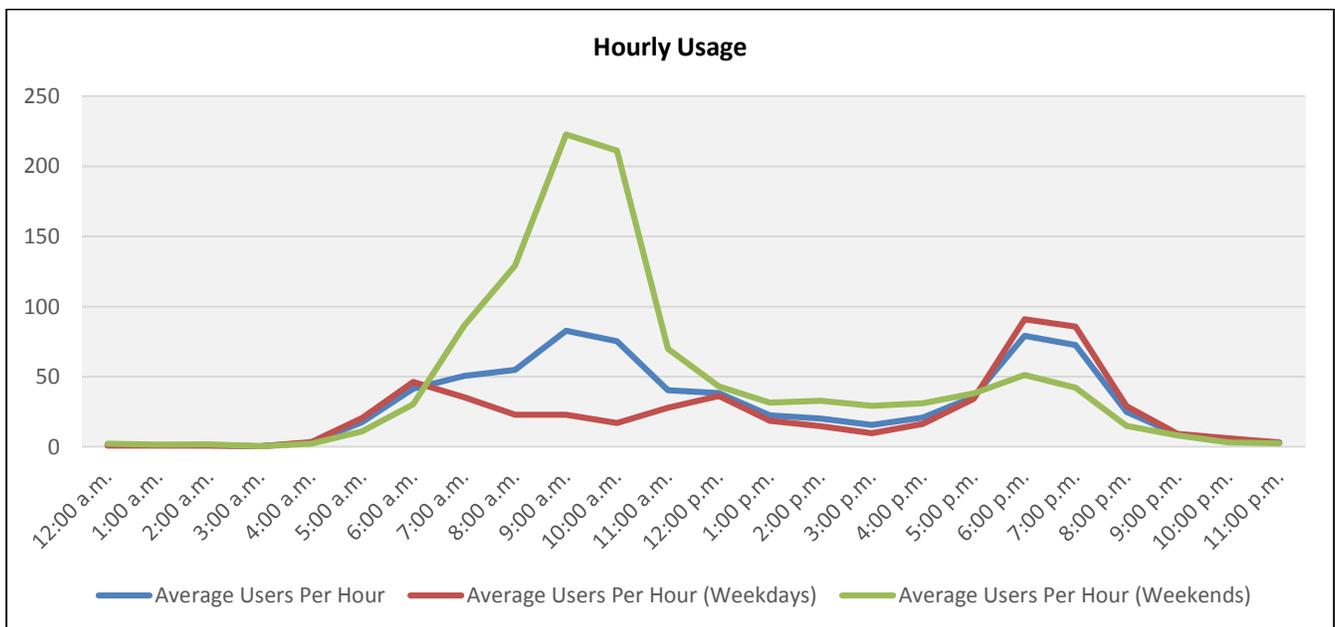


Image 4: Trail along Allen Parkway Facing East

Daily Usage				
Date	Users	Select Weather Data		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Thurs., September 25, 2014	323	80	68	Trace
Fri., September 26, 2014	524	86	68	0
Sat., September 27, 2014	767	86	71	Trace
Sun., September 28, 2014	602	89	72	0
Mon., September 29, 2014	597	89	70	0
Tues., September 30, 2014	590	89	71	Trace
Wed., October 1, 2014	419	93	72	0.09
Thurs., October 2, 2014	256	93	71	0.78
Fri., October 3, 2014	648	84	63	0.32
Sat., October 4, 2014	3,037	77	59	0
Sun., October 5, 2014	1,035	85	53	0
Mon., October 6, 2014	753	84	65	0.69
Tues., October 7, 2014	620	90	65	0
Wed., October 8, 2014	457	90	69	0.06
Thurs., October 9, 2014	495	90	68	0
Fri., October 10, 2014	326	91	75	0.03
Sat., October 11, 2014	574	85	66	0.02
Sun., October 12, 2014	568	87	65	0.35
Mon., October 13, 2014	677	85	59	0.61
Tues., October 14, 2014	1,063	79	54	0
Total	14,331			
Average Daily Usage	717			
Average Daily Usage (Weekday)	553			
Average Daily Usage (Weekend)	1,097			
		Notes		
		The 2014 Komen Houston Race for the Cure was held Saturday, October 4 in the area surrounding the counter.		



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	1.0	2.3
1:00 a.m.	1.1	0.8	1.7
2:00 a.m.	1.1	0.8	1.8
3:00 a.m.	0.5	0.5	0.3
4:00 a.m.	3.1	3.4	2.3
5:00 a.m.	17.7	20.6	11.0
6:00 a.m.	41.5	46.2	30.3
7:00 a.m.	50.7	35.3	86.5
8:00 a.m.	54.8	22.9	129.3
9:00 a.m.	82.8	22.9	222.7
10:00 a.m.	75.3	17.0	211.2
11:00 a.m.	40.5	27.9	69.8
12:00 p.m.	38.3	36.2	43.0
1:00 p.m.	22.5	18.6	31.5
2:00 p.m.	20.2	14.7	32.8
3:00 p.m.	15.6	9.8	29.2
4:00 p.m.	20.8	16.4	31.0
5:00 p.m.	35.5	34.4	38.2
6:00 p.m.	79.1	91.1	51.2
7:00 p.m.	72.6	85.6	42.2
8:00 p.m.	24.9	29.1	15.0
9:00 p.m.	8.9	9.2	8.2
10:00 p.m.	5.3	6.1	3.2
11:00 p.m.	2.9	3.1	2.5

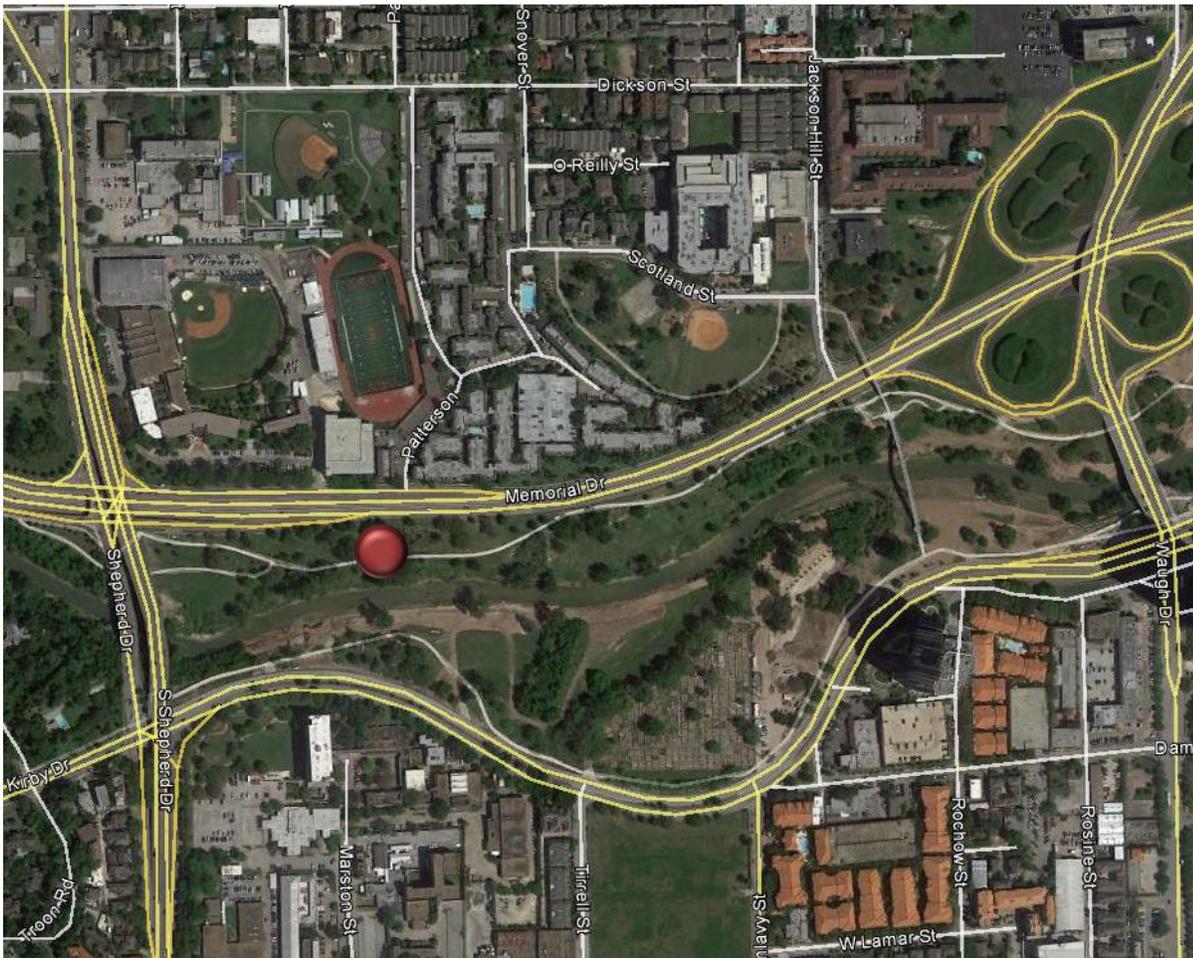


Counter #3

Buffalo Bayou North Bank: St. Thomas High School

Location Information	
Location Name	Buffalo Bayou North Bank: St. Thomas High School
Location Description	Buffalo Bayou North Bank east of Memorial Drive/Shephard Drive intersection, near St. Thomas High School (Light Post #84)
Jurisdiction	City of Houston
Agency Deployed	Buffalo Bayou Partnership/City of Houston: Parks & Recreation Dept.
What object was device secured to?	Light Post #84
Date/Time Installed	Thursday, September 25, 2014 (5:15 p.m.)
Date/Time Retrieved	Monday, October 20, 2014 (12:50 p.m.)
Sidewalk Width	10'
Buffer Width	n/a (counter about 3' from path)
Street Width	n/a (off-street shared-use path)
Parallel Parking	n/a (off-street shared-use path)
Landscaping or Trees	Yes
Sidewalk Pavement Type	Concrete
ADA Ramps	Yes
Sidewalk Condition	Excellent (Some silt on trail)
Speed Limit	n/a (off-street shared-use path)
Street Lighting	Yes
Street Traffic Volume	n/a (off-street shared-use path)
Transit	Nearby (Intersection of Memorial Drive and Shephard Drive)
Shade	Yes
Have counts been collected by H-GAC at this location before?	No

Location Information: Map



Location Information: Photos

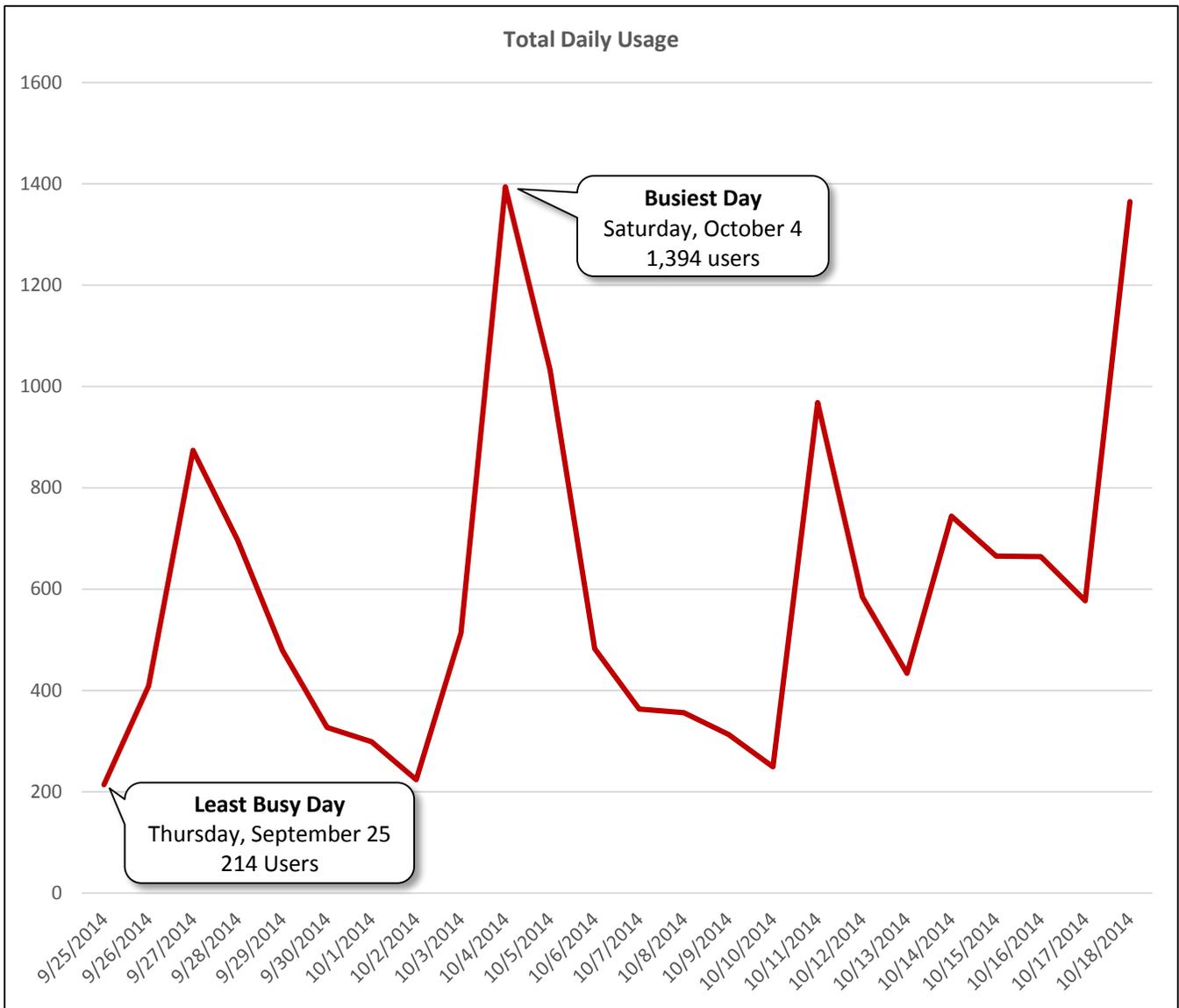


Image 5: Trail Facing West

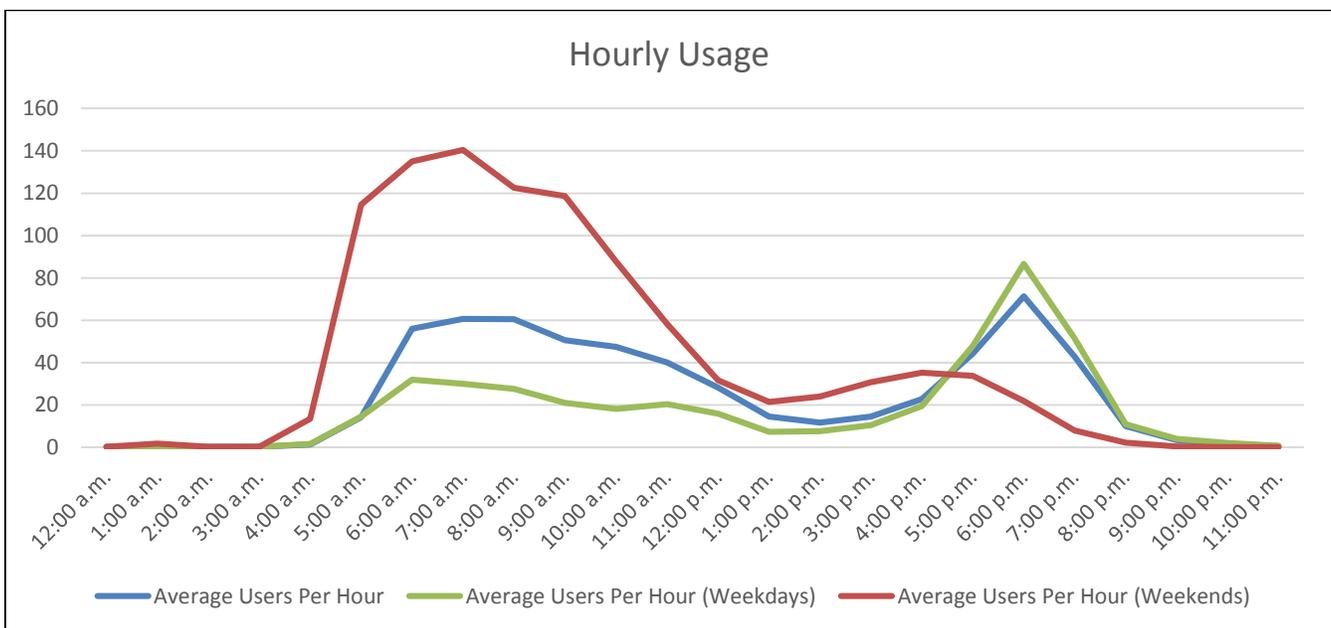


Image 6: Trail Facing East

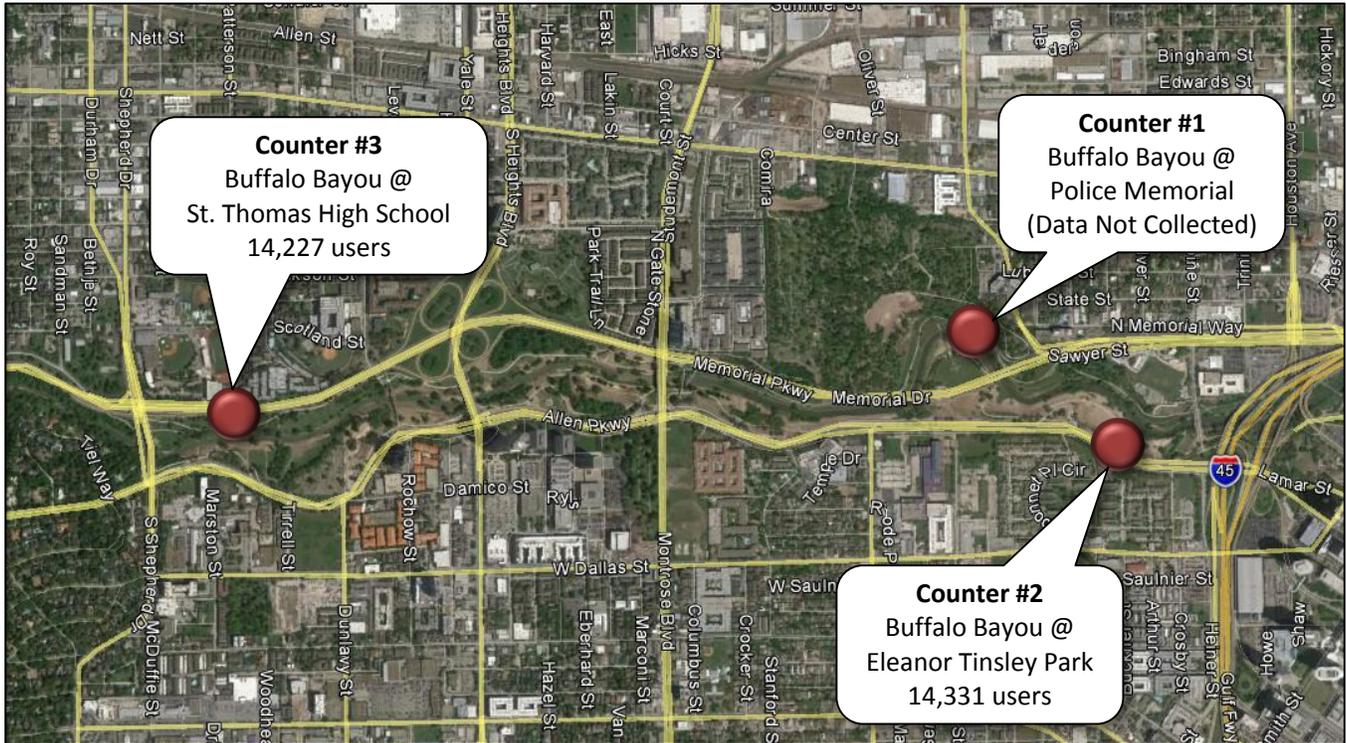
Daily Usage				
Date	Users	Select Weather Data		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Thurs., September 25, 2014	214	80	68	Trace
Fri., September 26, 2014	409	86	68	0
Sat., September 27, 2014	874	86	71	Trace
Sun., September 28, 2014	696	89	72	0
Mon., September 29, 2014	479	89	70	0
Tues., September 30, 2014	327	89	71	Trace
Wed., October 1, 2014	299	93	72	0.09
Thurs., October 2, 2014	224	93	71	0.78
Fri., October 3, 2014	513	84	63	0.32
Sat., October 4, 2014	1,394	77	59	0
Sun., October 5, 2014	1,033	85	53	0
Mon., October 6, 2014	482	84	65	0.69
Tues., October 7, 2014	363	90	65	0
Wed., October 8, 2014	356	90	69	0.06
Thurs., October 9, 2014	313	90	68	0
Fri., October 10, 2014	249	91	75	0.03
Sat., October 11, 2014	968	85	66	0.02
Sun., October 12, 2014	585	87	65	0.35
Mon., October 13, 2014	434	85	59	0.61
Tues., October 14, 2014	744	79	54	0
Wed., October 15, 2014	665	84	51	0
Thurs., October 16, 2014	664	87	57	0
Fri., October 17, 2014	577	86	60	0
Sat., October 18, 2014	1,365	86	63	0.5
Total	14,227			
Average Daily Usage	593			
Average Daily Usage (Weekday)	430			
Average Daily Usage (Weekend)	988			
		Notes		



Hourly Usage			
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.	0.6	1.7	0.1
2:00 a.m.	0.2	0.3	0.1
3:00 a.m.	0.2	0.3	0.3
4:00 a.m.	1.3	13.4	1.6
5:00 a.m.	14.2	114.6	14.5
6:00 a.m.	56.0	135.0	31.9
7:00 a.m.	60.6	140.4	29.9
8:00 a.m.	60.5	122.6	27.6
9:00 a.m.	50.6	118.7	21.0
10:00 a.m.	47.5	87.7	18.1
11:00 a.m.	40.0	58.3	20.4
12:00 p.m.	28.3	31.7	15.9
1:00 p.m.	14.5	21.4	7.4
2:00 p.m.	11.6	24.0	7.6
3:00 p.m.	14.5	30.7	10.5
4:00 p.m.	22.7	35.3	19.4
5:00 p.m.	44.2	33.7	47.9
6:00 p.m.	71.3	21.9	86.7
7:00 p.m.	42.8	7.9	51.4
8:00 p.m.	10.0	2.1	10.9
9:00 p.m.	3.4	0.4	3.9
10:00 p.m.	1.5	0.1	2.0
11:00 p.m.	0.5	0.1	0.6



Counter Locations



Participants

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

City of Houston: Parks and Recreation Department
<http://www.houstontx.gov/parks/HPARD-Home-Page>

Buffalo Bayou Partnership
<http://buffalobayou.org/>

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