

HOUSTON-GALVESTON AREA COUNCIL



Temporary Pedestrian/Bicycle Counters Data Summary

Deployment Summary	
Sponsoring Agency	City of Sugar Land
Deployment Period	Friday, June 24, 2016 – Tuesday, July 5, 2016
Number of Counters Deployed	11
Facility Description	Sidewalks and Shared-Use Paths in Sugar Land
Locations Deployed (Houston-Galveston Area Council and Texas Transportation Institute)	
Counter H1	Ditch A Trail near City Park
Counter H3	Oyster Creek Dam Bridge at Creekbend Drive
Counter H4	Steep Bank Creek Bridge at Sweetwater Boulevard
Counter H5	Sweetwater Boulevard Westbound at Steep Bank Creek
Counter H6	Sweetwater Boulevard Eastbound at Steep Bank Creek
Counter H2	Austin Parkway Eastbound at First Colony Middle School Bridge
Counter T2	Austin Parkway Westbound at First Colony Middle School Bridge
Counter H7	Commonwealth Boulevard Westbound at Ditch H Bridge
Counter T3	Commonwealth Boulevard Eastbound at Ditch H Bridge
Counter T4	University Boulevard Westbound at Ditch H Bridge
Counter T5	University Boulevard Eastbound at Ditch H Bridge

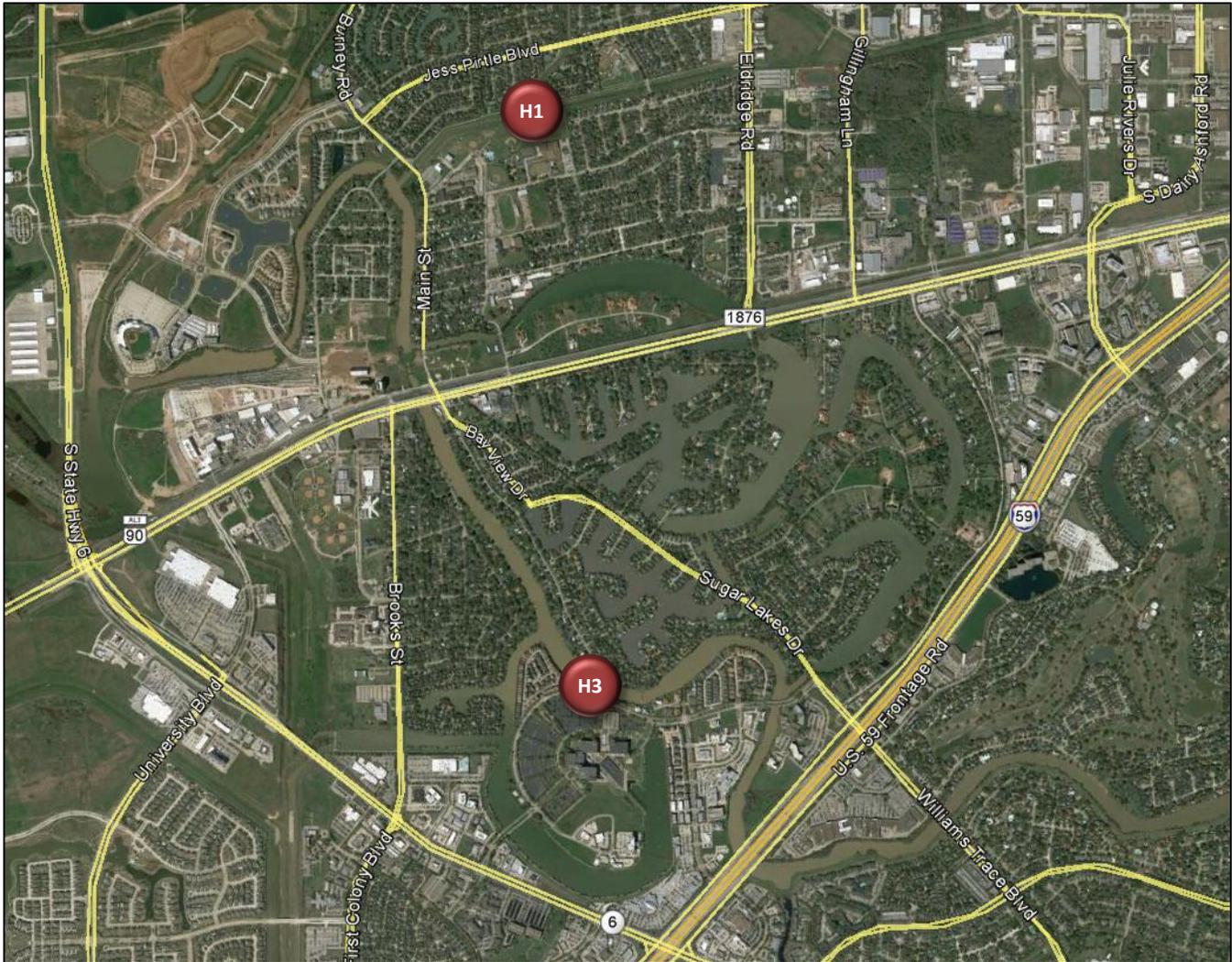
About the Temporary Pedestrian/Bicycle Counters

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

Sidewalks and Shared-Use Paths in Sugar Land (Northwest of U.S. 59/Interstate 69)

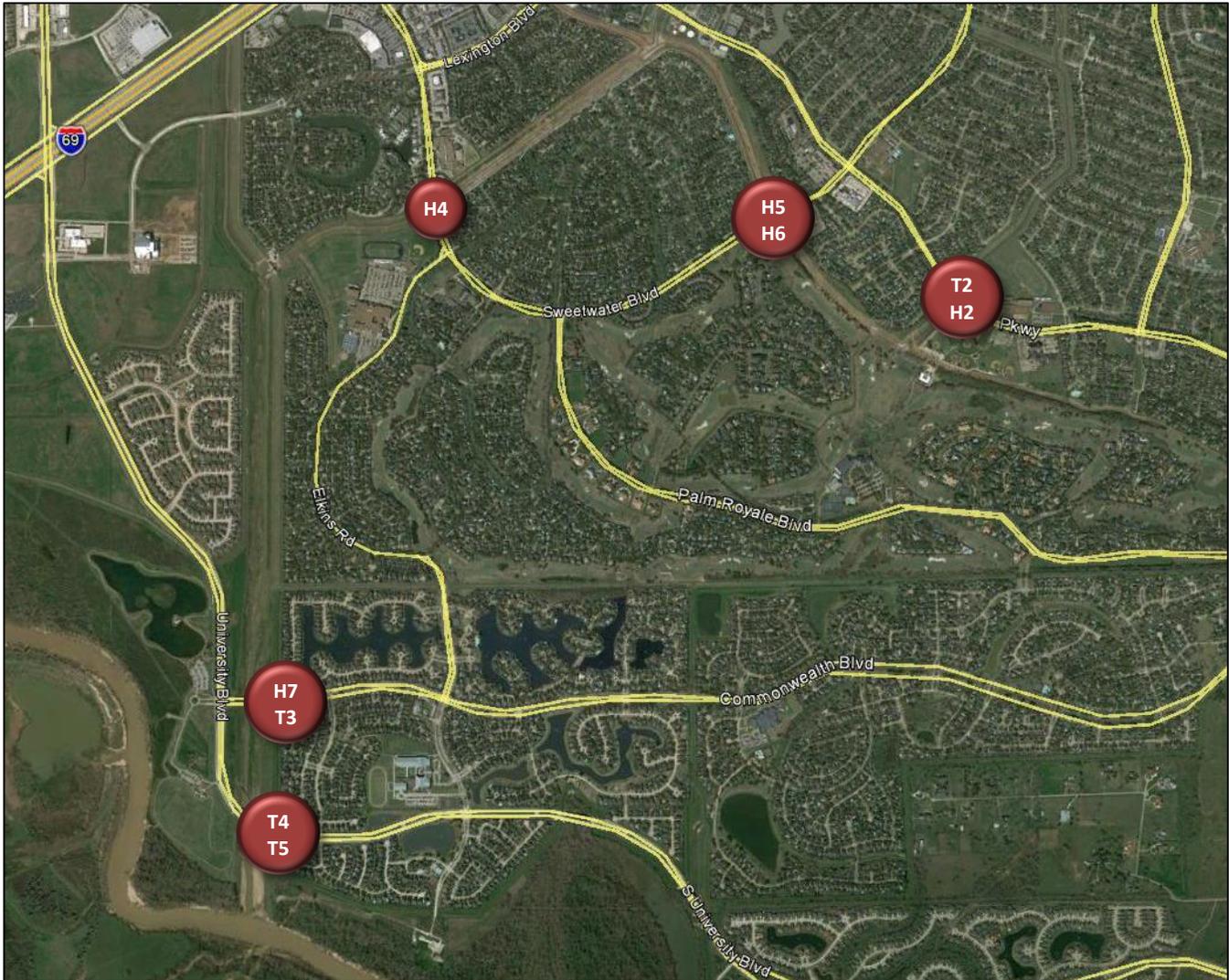


Counter	Location	Total Users	Average Daily Usage	Report Page Num.
H1	Ditch A Trail near City Park	93*	74*	5
H3	Oyster Creek Dam Bridge at Creekbend Drive	529	44	8

*Note: Counter H1 stopped collecting data prior to the end of the deployment period, at approximately 6:35 a.m. on Saturday, June 25, 2016.

Counter Locations

Sidewalks and Shared-Use Paths in Sugar Land (Southeast of U.S. 59/Interstate 69)



Counter	Location	Total Users	Average Daily Usage	Report Page Num.
H4	Steep Bank Creek Bridge at Sweetwater Boulevard	733	61	12
H5	Sweetwater Boulevard Westbound at Steep Bank Creek	643	54	16
H6	Sweetwater Boulevard Eastbound at Steep Bank Creek	245	20	20
H2	Austin Parkway Eastbound at First Colony Middle School Bridge	219*	36*	24
T2	Austin Parkway Westbound at First Colony Middle School Bridge	366**	32**	28
H7	Commonwealth Boulevard Westbound at Ditch H Bridge	484	40	32
T3	Commonwealth Boulevard Eastbound at Ditch H Bridge	387	32	36
T4	University Boulevard Westbound at Ditch H Bridge	175	15	40
T5	University Boulevard Eastbound at Ditch H Bridge	520	43	44

*Note: Counter H2 was deployed later than the other counters and began collecting data on Friday, June 24, 2016 at 3:00 p.m. It stopped collecting data prior to the end of the deployment period, at approximately 5:30 p.m. on Thursday, June 30, 2016.

**Note: Counter T2 was deployed later than the other counters and began collecting data on Friday, June 24, 2016 at 3:00 p.m.

Pedestrian/Bicycle Activity at Select Locations

Accommodations for pedestrians (and, in some locations, cyclists) are provided on both sides of many major thoroughfares in Sugar Land. Counters were placed adjacent to sidewalks and shared-use paths on both sides of the roadway at select locations along Austin Parkway, Commonwealth Boulevard, Sweetwater Boulevard, and University Boulevard. Placing counters on both sides of these roadways created a *screen line*, which helps determine how many pedestrians and cyclists are moving through an area (using off-street facilities).

Location	Counter	Facility Type	Total Users	Avg. Daily Usage	Avg. Daily Usage (Weekdays)	Avg. Daily Usage (Weekends)
Austin Parkway at First Colony Middle School Bridge	T2*	Sidewalk (Adj. to Westbound Lanes)	366	32	33	30
	H2*	Sidewalk (Adj. to Eastbound Lanes)	219	36	40	27
	Total Pedestrians/Cyclists in Area (Counter H2 + Counter T2)		Not Available (Counter H2 stopped collecting data prior to the end of the deployment period.)			
Commonwealth Boulevard at Ditch H Bridge	H7	Sidewalk (Adj. to Westbound Lanes)	484	40	35	51
	T3	Shared-Use Path (Adj. to Eastbound Lanes)	387	32	33	30
	Total Pedestrians/Cyclists in Area (Counter H7 + Counter T3)		871	73	69	81
Sweetwater Boulevard at Steep Bank Creek (near Austin Pkwy.)	H5	Sidewalk (Adj. to Westbound Lanes)	643	54	54	52
	H6	Sidewalk (Adj. to Eastbound Lanes)	245	20	19	23
	Total Pedestrians/Cyclists in Area (Counter H5 + Counter H6)		888	74	73	75
University Boulevard at Ditch H Bridge	T4	Shared-Use Path (Adj. to Westbound Lanes)	175	15	14	16
	T5	Shared-Use Path (Adj. to Eastbound Lanes)	520	43	40	51
	Total Pedestrians/Cyclists in Area (Counter T4 + Counter T5)		695	58	54	66

*Note: Counter H2 and T2 were deployed later than the other counters and began collecting data on Friday, June 24, 2016 at 3:00 p.m. Counter H2 stopped collecting data prior to the end of the deployment period, at approximately 5:30 p.m. on Thursday, June 30, 2016.

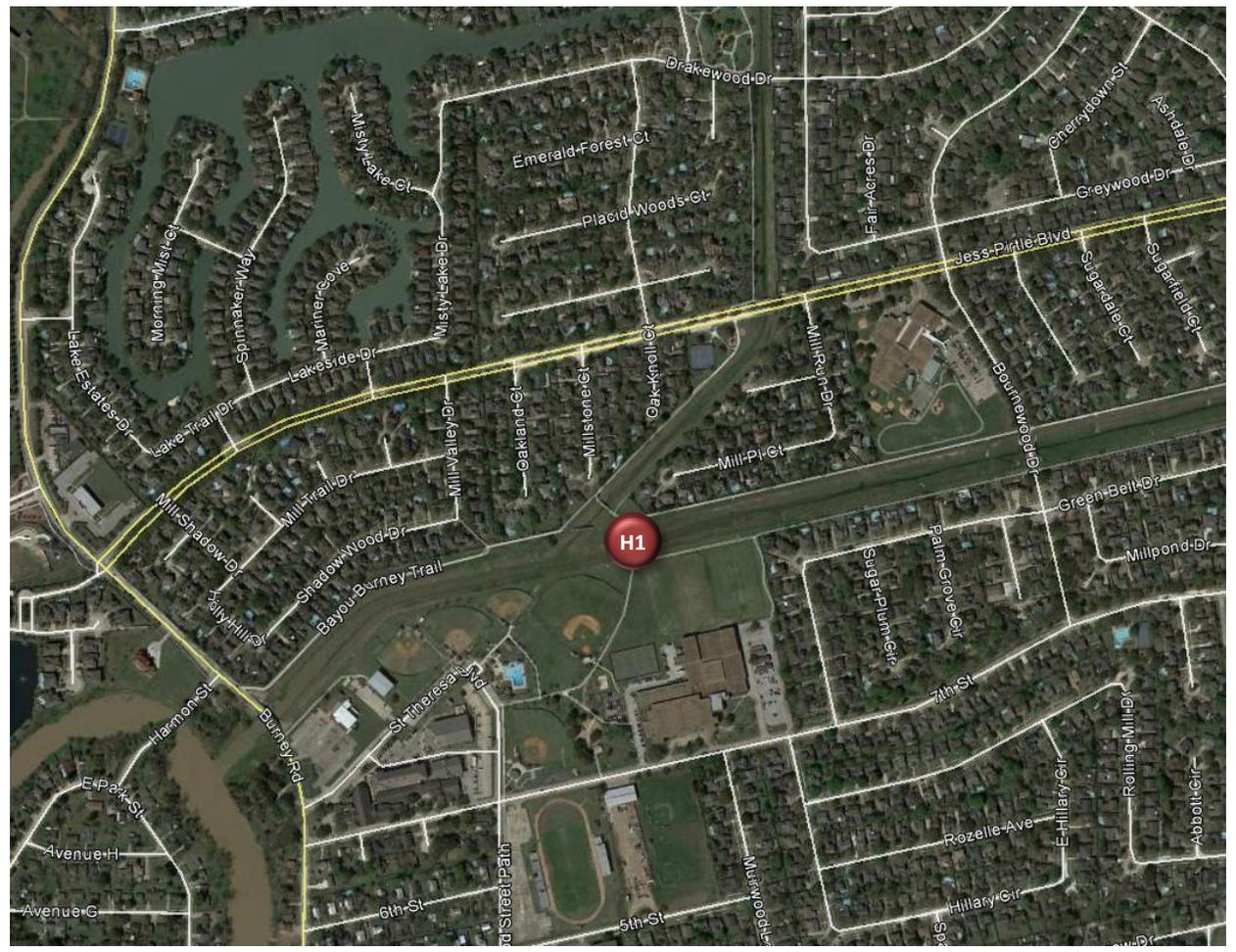
Counter H1

Ditch A Bridge near City Park

Location Information	
Location Name	Ditch A Bridge near City Park
Location Description	Pedestrian/Bicycle Bridge across Ditch A north of Sugar Land Middle School near City Park
Jurisdiction	City of Sugar Land
Agency Deployed	City of Sugar Land
GPS Coordinates	29°37'53.90"N, 95°37'44.59"W
Surrounding Land Uses	North Single-Family Residential
	South Park, Sugar Land Middle School
	East Single-Family Residential, Sugar Mill Elementary School
	West Park, Single-Family Residential
What object was device secured to?	Bridge Railing
Sidewalk Width	6'
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	No
Sidewalk Pavement Type	Wood
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	No
Have counts been collected by H-GAC at this location before?	No
Notes	The concrete shared-use path approaching the bridge is 6' wide.
	Counter H1 stopped collecting data prior to the end of the deployment period, at approximately 6:35 a.m. on Saturday, June 25, 2016.

Trends
Counter H1 collected data for less than two days, too short of a period to identify trends.

Location Information: Map



Location Information: Photos



Image 1: Pedestrian/Bicycle Bridge across Ditch A
Facing North



Image 2: Pedestrian/Bicycle Bridge across Ditch A
Facing South

Daily Usage Ditch A Bridge near City Park				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	87	91	72	0.04
Saturday, June 25, 2016 (until 6:35 a.m.)	6	91	77	0.01
Total	93			
Average Daily Usage	74			
		Notes		
		Counter H1 stopped collecting data prior to the end of the deployment period, at approximately 6:35 a.m. on Saturday, June 25, 2016.		

*Weather conditions recorded at KSGR.

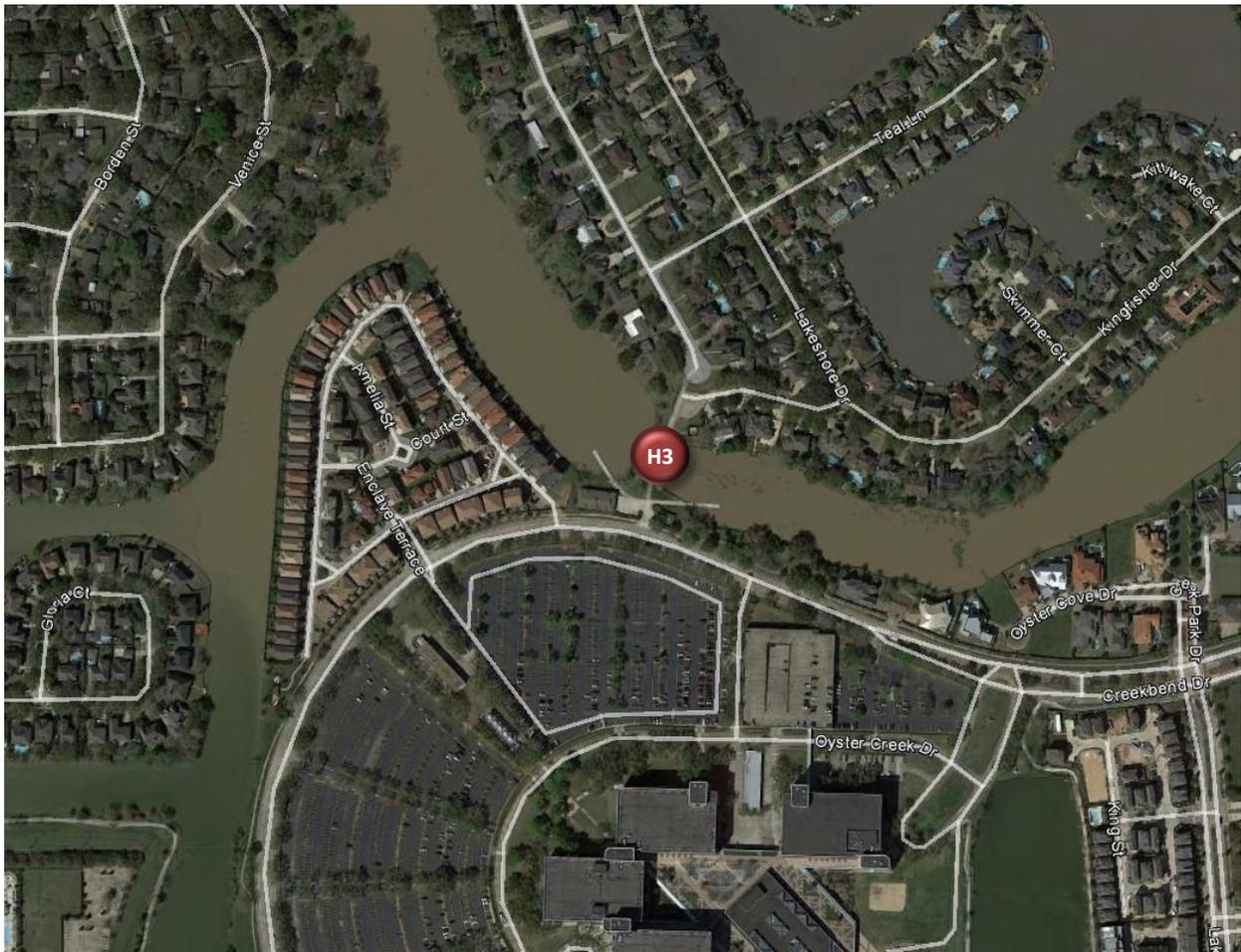
Counter H3

Oyster Creek Dam Bridge at Creekbend Drive

Location Information		
Location Name	Oyster Creek Dam Bridge at Creekbend Drive	
Location Description	Pedestrian/Bicycle Bridge across Oyster Creek Dam near Greater Houston Rowing Club (15910 Creekbend Drive)	
Jurisdiction	City of Sugar Land	
Agency Deployed	City of Sugar Land	
GPS Coordinates	29°36'32.15"N, 95°37'34.53"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Parking Lots, Offices
	East	Open Space, Parking Lots, Single-Family Residential
	West	Parking Lots, Single-Family Residential
What object was device secured to?	Gate Post on Southern End of Bridge	
Sidewalk Width	12'	
Buffer Width	N/A (Off-Road Pedestrian/Bicycle Bridge)	
Street Width	N/A (Off-Road Pedestrian/Bicycle Bridge)	
Parallel Parking	N/A (Off-Road Pedestrian/Bicycle Bridge)	
Landscaping or Trees	No	
Sidewalk Pavement Type	Wood	
ADA Ramps	No	
Sidewalk Condition	Good	
Speed Limit	N/A (Off-Road Pedestrian/Bicycle Bridge)	
Street Lighting	No	
Street Traffic Volume	N/A (Off-Road Pedestrian/Bicycle Bridge)	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	
Notes	Counter H3 was placed along a pedestrian/bicycle bridge across Oyster Creek, allowing travel between Oyster Creek Drive/Whimbrel Drive and Creekbend Drive. Gravel roads provide access on either side of the pedestrian/bicycle bridge. There are gates on each end of the facility that can be locked to limit access.	

Trends
<ul style="list-style-type: none"> • Usage tends to be higher during weekends (56 users/day) than on weekdays (38 users/day). • On weekdays, usage is highest in the morning (7:00 a.m. – 9:00 a.m.). • During weekends, usage is highest in the morning (7:00 a.m. – 10:00 a.m.).

Location Information: Map



Location Information: Photos



Image 3: Oyster Creek Dam Bridge at Creekbend Drive Facing North



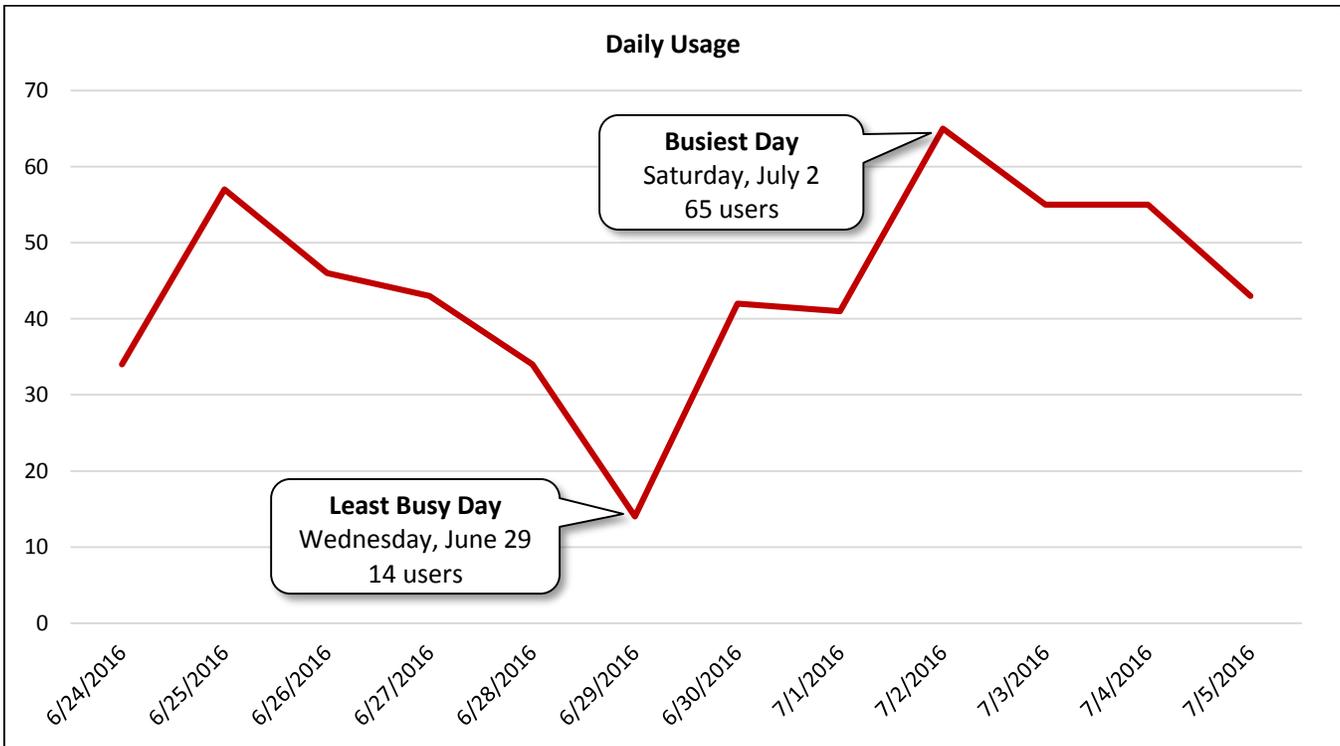
Image 4: Oyster Creek Dam Bridge at Creekbend Drive Facing South

Daily Usage Oyster Creek Dam Bridge at Creekbend Drive				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	34	91	72	0.04
Saturday, June 25, 2016	57	91	77	0.01
Sunday, June 26, 2016	46	91	73	0
Monday, June 27, 2016	43	95	75	0
Tuesday, June 28, 2016	34	93	73	0.16
Wednesday, June 29, 2016	14	93	72	0.01
Thursday, June 30, 2016	42	93	75	0
Friday, July 1, 2016	41	91	73	0
Saturday, July 2, 2016	65	95	75	0
Sunday, July 3, 2016	55	93	77	0
Monday, July 4, 2016	55	93	80	0
Tuesday, July 5, 2016	43	93	80	0

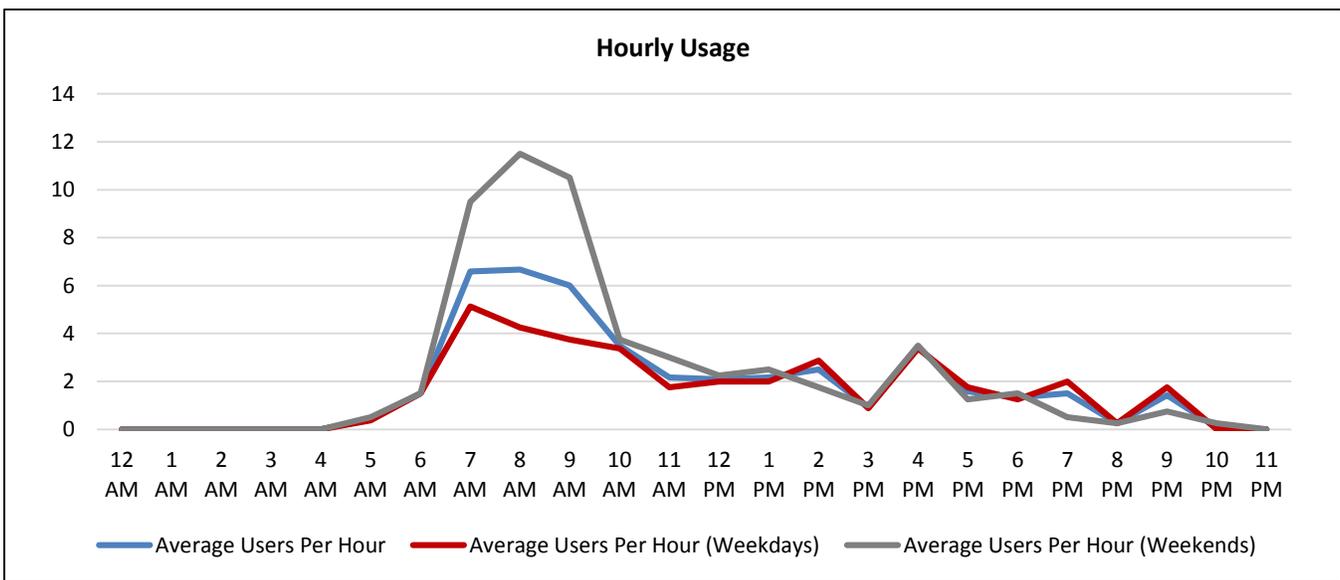
Total	529
Average Daily Usage	44
Average Daily Usage (Weekday)	38
Average Daily Usage (Weekend)	56

Notes
Holiday: Independence Day (July 4, 2016)

*Weather conditions recorded at KSGR.



Hourly Usage			
Oyster Creek Dam Bridge at Creekbend 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.	0.4	0.4	0.5
6:00 a.m.	1.5	1.5	1.5
7:00 a.m.	6.6	5.1	9.5
8:00 a.m.	6.7	4.3	11.5
9:00 a.m.	6.0	3.8	10.5
10:00 a.m.	3.5	3.4	3.8
11:00 a.m.	2.2	1.8	3.0
12:00 p.m.	2.1	2.0	2.3
1:00 p.m.	2.2	2.0	2.5
2:00 p.m.	2.5	2.9	1.8
3:00 p.m.	0.9	0.9	1.0
4:00 p.m.	3.4	3.4	3.5
5:00 p.m.	1.6	1.8	1.3
6:00 p.m.	1.3	1.3	1.5
7:00 p.m.	1.5	2.0	0.5
8:00 p.m.	0.3	0.3	0.3
9:00 p.m.	1.4	1.8	0.8
10:00 p.m.	0.1	0.0	0.3
11:00 p.m.	0.0	0.0	0.0



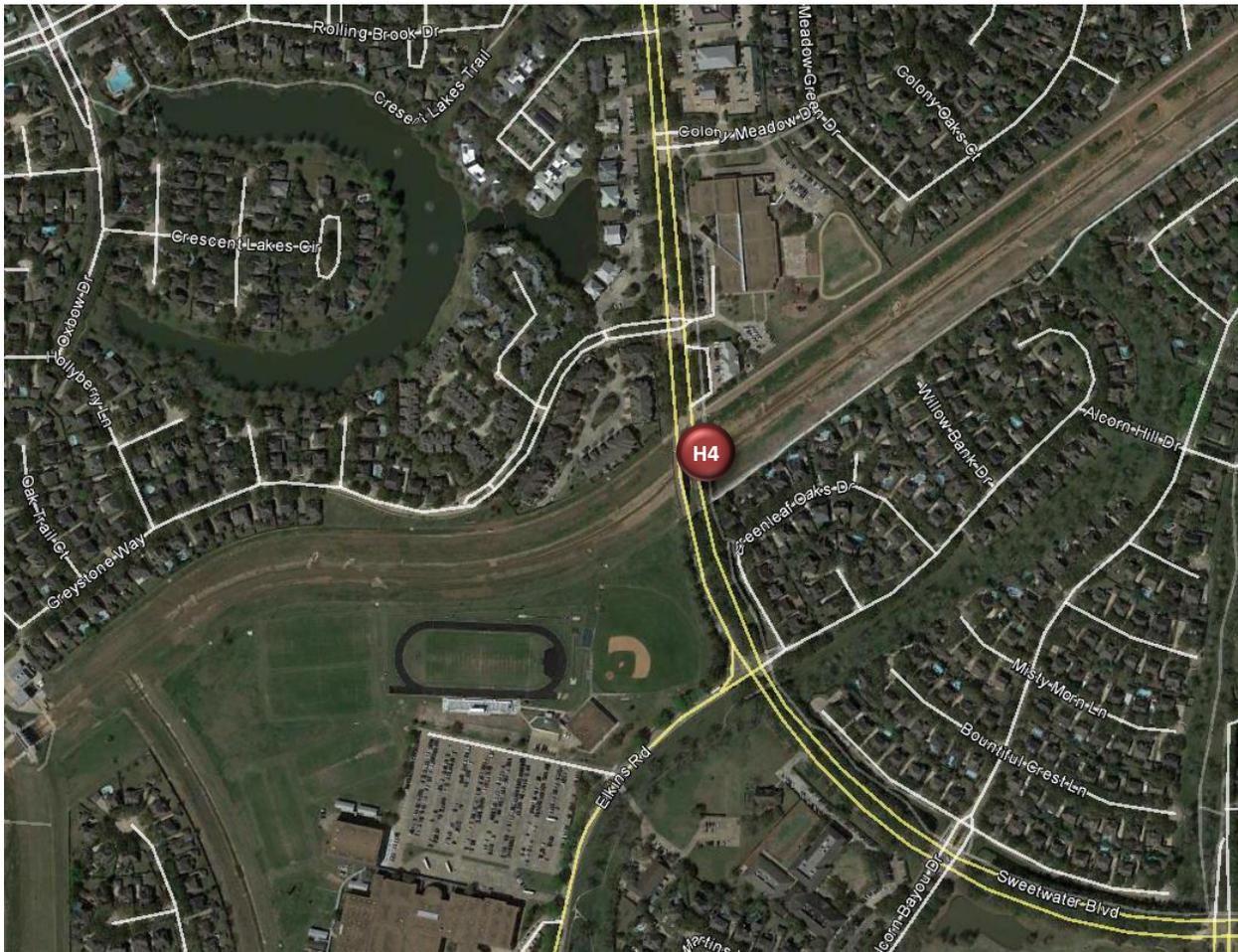
Counter H4

Steep Bank Creek Bridge at Sweetwater Boulevard

Location Information		
Location Name	Steep Bank Creek Bridge at Sweetwater Boulevard	
Location Description	Pedestrian/Bicycle Bridge across Steep Bank Creek parallel to Sweetwater Boulevard Westbound	
Jurisdiction	City of Sugar Land	
Agency Deployed	City of Sugar Land	
GPS Coordinates	29°34'44.05"N, 95°37'48.78"W	
Surrounding Land Uses	North	Commercial, Multi-Family Residential, Colony Meadows Elementary School
	South	Single-Family Residential, Clements High School, Institutional (First Colony Christian Church/The Honor Roll School)
	East	Single-Family Residential, Colony Meadows Elementary School
	West	Multi-Family Residential, Clements High School
What object was device secured to?	Bridge Railing	
Sidewalk Width	6'	
Buffer Width	20'	
Street Width	Four-Lane Divided Roadway	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Wood	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	35 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	7,380 (3700 Sweetwater Boulevard: TxDOT - 2012)	
Transit	No	
Shade	Intermittent	
Have counts been collected by H-GAC at this location before?	No	
Notes	The concrete sidewalk approaching the bridge is 4' wide with a buffer of varying width along Sweetwater Boulevard (approximately 20 - 30' wide).	

Trends
<ul style="list-style-type: none"> • Usage tends to be slightly higher during weekends (63 users/day) than on weekdays (60 users/day). • On weekdays, usage is highest in the late morning (10:00 a.m. – 11:00 a.m.). There is also a pronounced increase in usage later in the evening (8:00 p.m. – 9:00 p.m.). • During weekends, usage is highest in the late morning (10:00 a.m. – 11:00 a.m.). There is also a pronounced increase in usage later in the evening (8:00 p.m. – 9:00 p.m.).

Location Information: Map



Location Information: Photos



Image 5: Steep Bank Creek Bridge at Sweetwater Boulevard Facing North



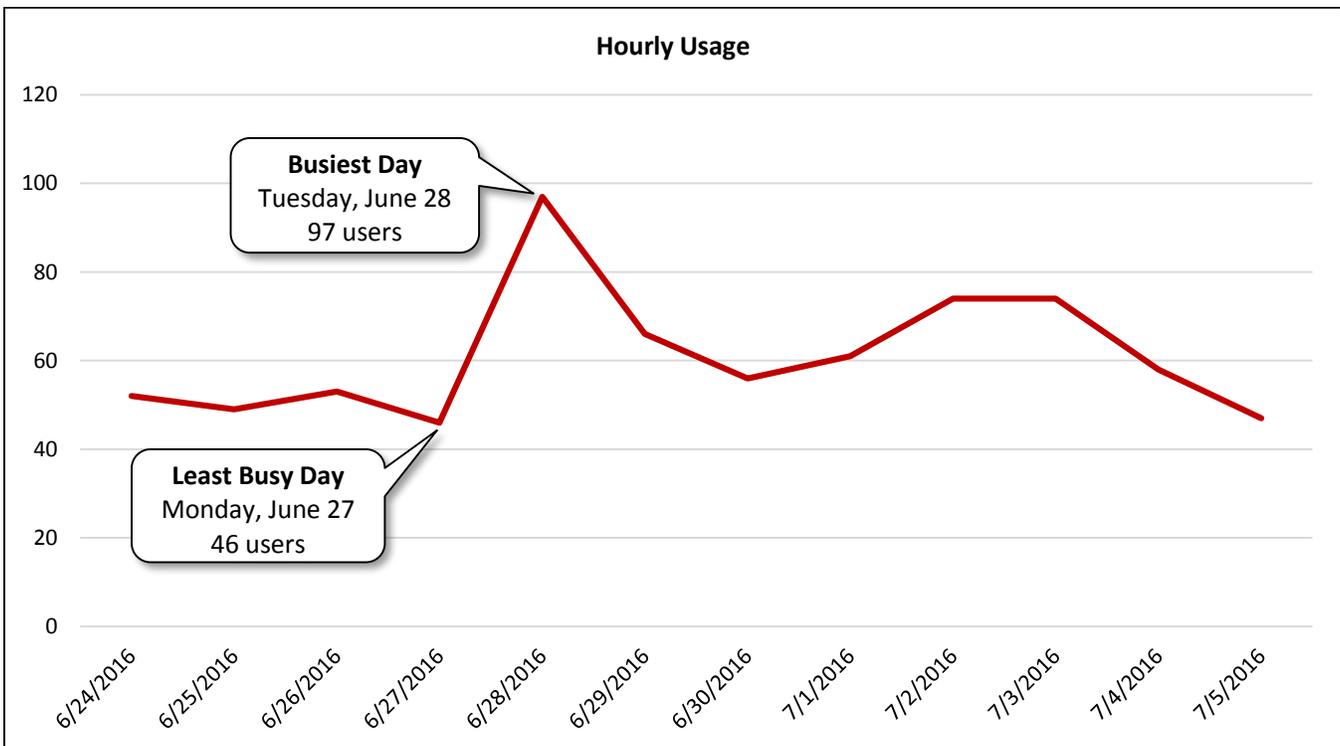
Image 6: Steep Bank Creek Bridge at Sweetwater Boulevard Facing South

Daily Usage Steep Bank Creek Bridge at Sweetwater Boulevard				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	52	91	72	0.04
Saturday, June 25, 2016	49	91	77	0.01
Sunday, June 26, 2016	53	91	73	0
Monday, June 27, 2016	46	95	75	0
Tuesday, June 28, 2016	97	93	73	0.16
Wednesday, June 29, 2016	66	93	72	0.01
Thursday, June 30, 2016	56	93	75	0
Friday, July 1, 2016	61	91	73	0
Saturday, July 2, 2016	74	95	75	0
Sunday, July 3, 2016	74	93	77	0
Monday, July 4, 2016	58	93	80	0
Tuesday, July 5, 2016	47	93	80	0

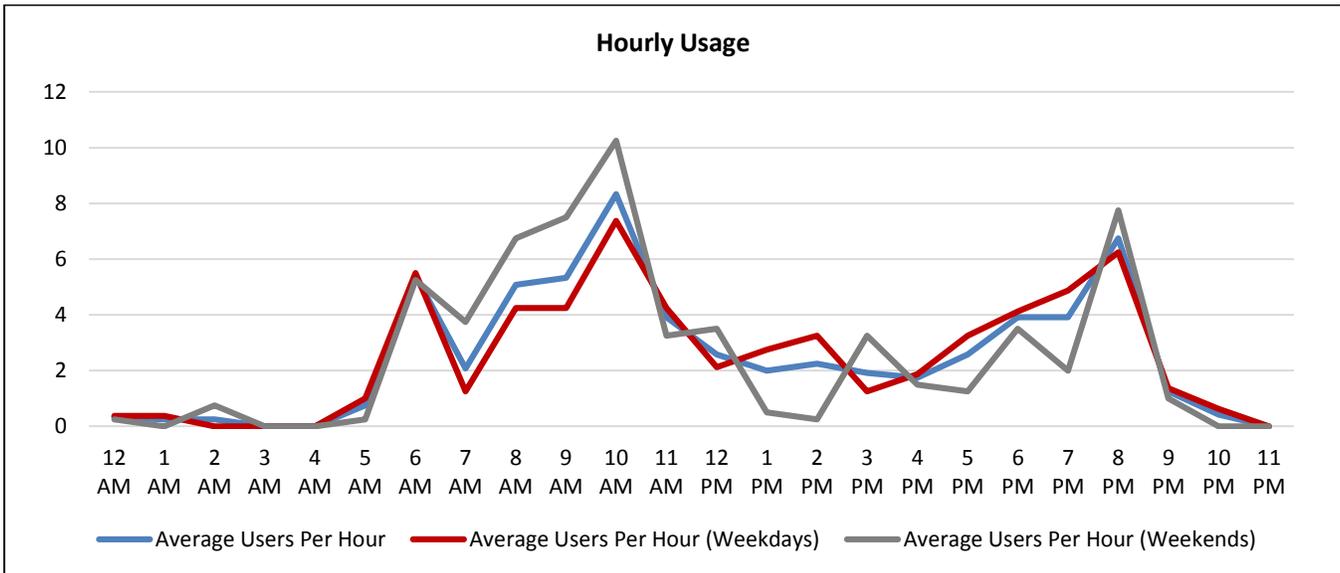
Total	733
Average Daily Usage	61
Average Daily Usage (Weekday)	60
Average Daily Usage (Weekend)	63

Notes
Holiday: Independence Day (July 4, 2016)

*Weather conditions recorded at KSGR.



Hourly Usage Steep Bank Creek Bridge at Sweetwater Boulevard			
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.	0.3	0.0	0.8
3:00 a.m.	0.0	0.0	0.0
4:00 a.m.	0.0	0.0	0.0
5:00 a.m.	0.8	1.0	0.3
6:00 a.m.	5.4	5.5	5.3
7:00 a.m.	2.1	1.3	3.8
8:00 a.m.	5.1	4.3	6.8
9:00 a.m.	5.3	4.3	7.5
10:00 a.m.	8.3	7.4	10.3
11:00 a.m.	3.9	4.3	3.3
12:00 p.m.	2.6	2.1	3.5
1:00 p.m.	2.0	2.8	0.5
2:00 p.m.	2.3	3.3	0.3
3:00 p.m.	1.9	1.3	3.3
4:00 p.m.	1.8	1.9	1.5
5:00 p.m.	2.6	3.3	1.3
6:00 p.m.	3.9	4.1	3.5
7:00 p.m.	3.9	4.9	2.0
8:00 p.m.	6.8	6.3	7.8
9:00 p.m.	1.3	1.4	1.0
10:00 p.m.	0.4	0.6	0.0
11:00 p.m.	0.0	0.0	0.0



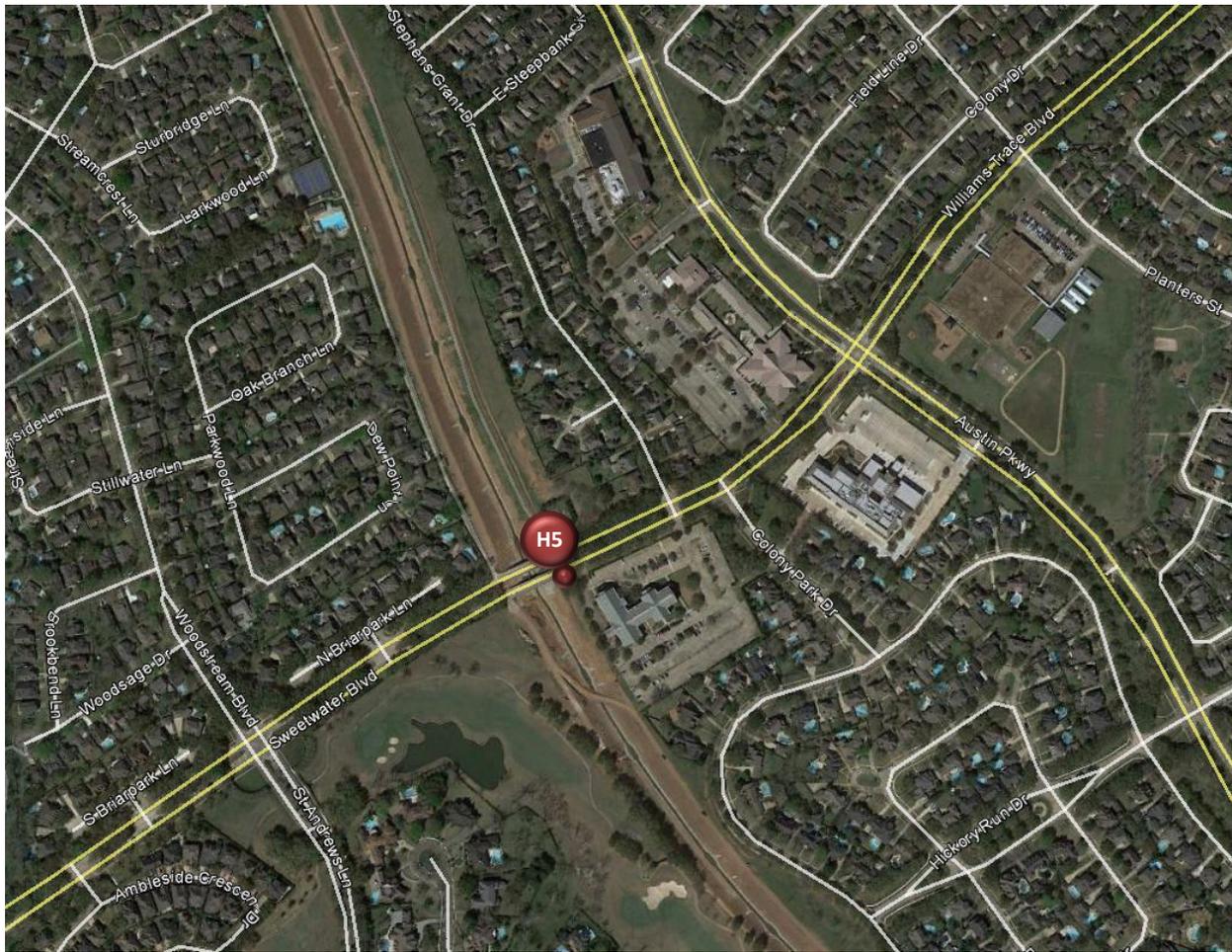
Counter H5

Sweetwater Boulevard Westbound at Steep Bank Creek

Location Information		
Location Name	Sweetwater Boulevard Westbound at Steep Bank Creek	
Location Description	Sidewalk along Sweetwater Boulevard Westbound on Steep Bank Creek Bridge (approximately 0.2 miles west of Austin Parkway)	
Jurisdiction	City of Sugar Land	
Agency Deployed	City of Sugar Land	
GPS Coordinates	29°34'42.59"N, 95°36'52.41"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Offices (Fort Bend ISD Administration Annex), Open Space (Golf Course), Single-Family Residential
	East	Single-Family Residential, Offices (Fort Bend ISD Administration Annex), Institutional (Churches)
	West	Single-Family Residential, Open Space (Golf Course)
What object was device secured to?	Bridge Railing	
Sidewalk Width	4'	
Buffer Width	Railing between Sidewalk and Travel Lanes	
Street Width	Four-Lane Divided Roadway	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	35 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	9,040 (3100 Sweetwater Boulevard: TxDOT - 2012)	
Transit	No	
Shade	Yes	
Have counts been collected by H-GAC at this location before?	No	
Notes	During the deployment period, construction was underway along the eastern bank of Steep Bank Creek.	
	The concrete sidewalk approaching the bridge is 4' wide with a buffer approximately 7.5' wide along Sweetwater Boulevard.	

Trends
<ul style="list-style-type: none"> Usage tends to be slightly higher on weekdays (54 users/day) than during weekends (52 users/day). On weekdays, usage is highest in the morning (10:00 a.m. – 11:00 a.m.) and evening (5:00 p.m. – 9:00 p.m.). During weekends, usage is highest in the evening (6:00 p.m. – 8:00 p.m.). There is a pronounced increase in usage in the morning (8:00 a.m. – 9:00 a.m.). On average, more pedestrians/cyclists tend to use the sidewalk along Sweetwater Boulevard Westbound (54 users/day) than the sidewalk along Sweetwater Boulevard Eastbound (20 users/day).

Location Information: Map



Location Information: Photos



Image 7: Sidewalk along Sweetwater Boulevard Westbound on Steep Bank Creek Bridge Facing East



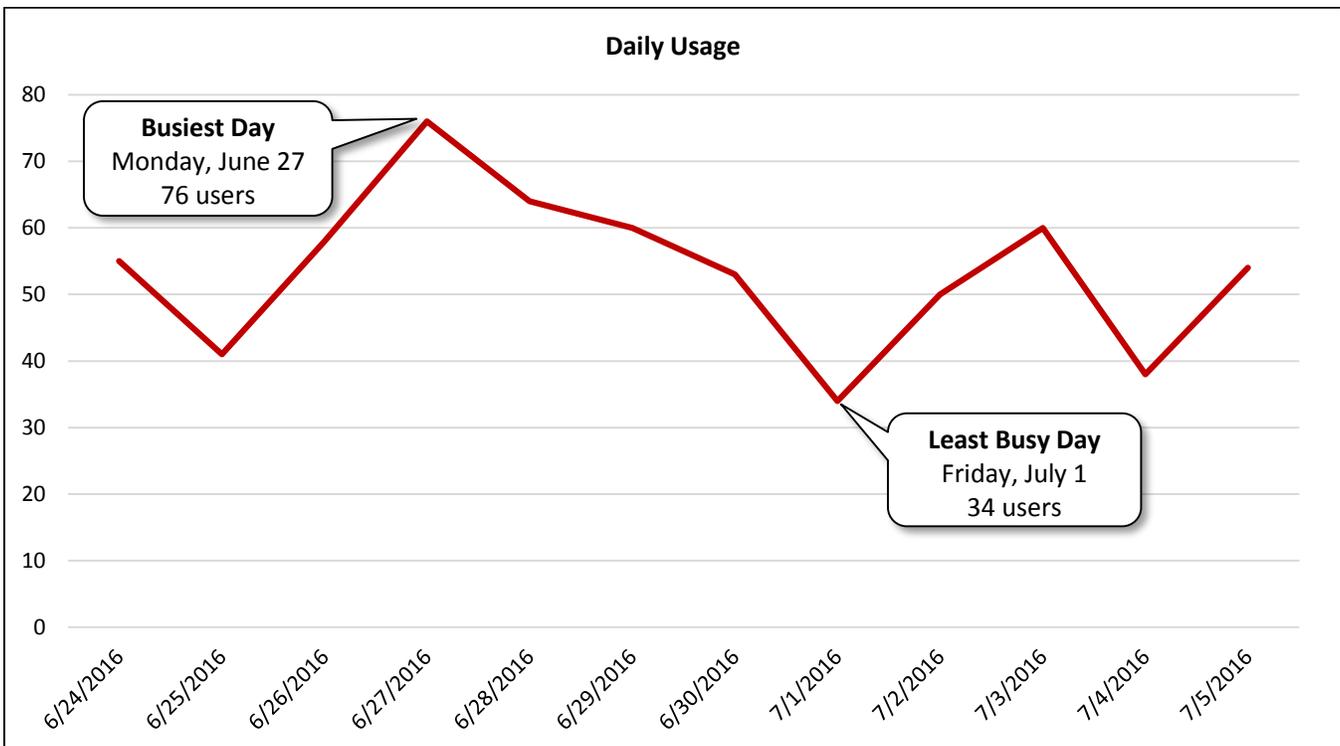
Image 8: Sidewalk along Sweetwater Boulevard Westbound on Steep Bank Creek Bridge Facing West

Daily Usage Sweetwater Boulevard Westbound at Steep Bank Creek				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	55	91	72	0.04
Saturday, June 25, 2016	41	91	77	0.01
Sunday, June 26, 2016	58	91	73	0
Monday, June 27, 2016	76	95	75	0
Tuesday, June 28, 2016	64	93	73	0.16
Wednesday, June 29, 2016	60	93	72	0.01
Thursday, June 30, 2016	53	93	75	0
Friday, July 1, 2016	34	91	73	0
Saturday, July 2, 2016	50	95	75	0
Sunday, July 3, 2016	60	93	77	0
Monday, July 4, 2016	38	93	80	0
Tuesday, July 5, 2016	54	93	80	0

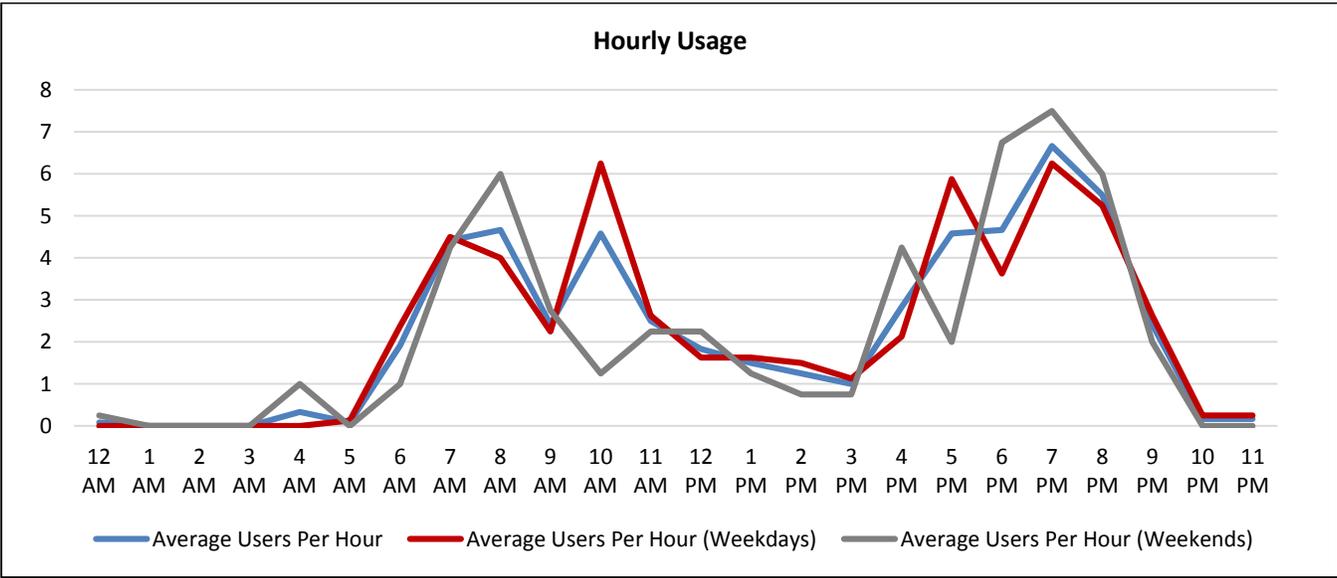
Total	643
Average Daily Usage	54
Average Daily Usage (Weekday)	54
Average Daily Usage (Weekend)	52

Notes
Holiday: Independence Day (July 4, 2016)

*Weather conditions recorded at KSGR.



Hourly Usage			
Sweetwater Boulevard Westbound at Steep Bank Creek			
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.	0.3	0.0	1.0
5:00 a.m.	0.1	0.1	0.0
6:00 a.m.	1.9	2.4	1.0
7:00 a.m.	4.4	4.5	4.3
8:00 a.m.	4.7	4.0	6.0
9:00 a.m.	2.4	2.3	2.8
10:00 a.m.	4.6	6.3	1.3
11:00 a.m.	2.5	2.6	2.3
12:00 p.m.	1.8	1.6	2.3
1:00 p.m.	1.5	1.6	1.3
2:00 p.m.	1.3	1.5	0.8
3:00 p.m.	1.0	1.1	0.8
4:00 p.m.	2.8	2.1	4.3
5:00 p.m.	4.6	5.9	2.0
6:00 p.m.	4.7	3.6	6.8
7:00 p.m.	6.7	6.3	7.5
8:00 p.m.	5.5	5.3	6.0
9:00 p.m.	2.4	2.6	2.0
10:00 p.m.	0.2	0.3	0.0
11:00 p.m.	0.2	0.3	0.0



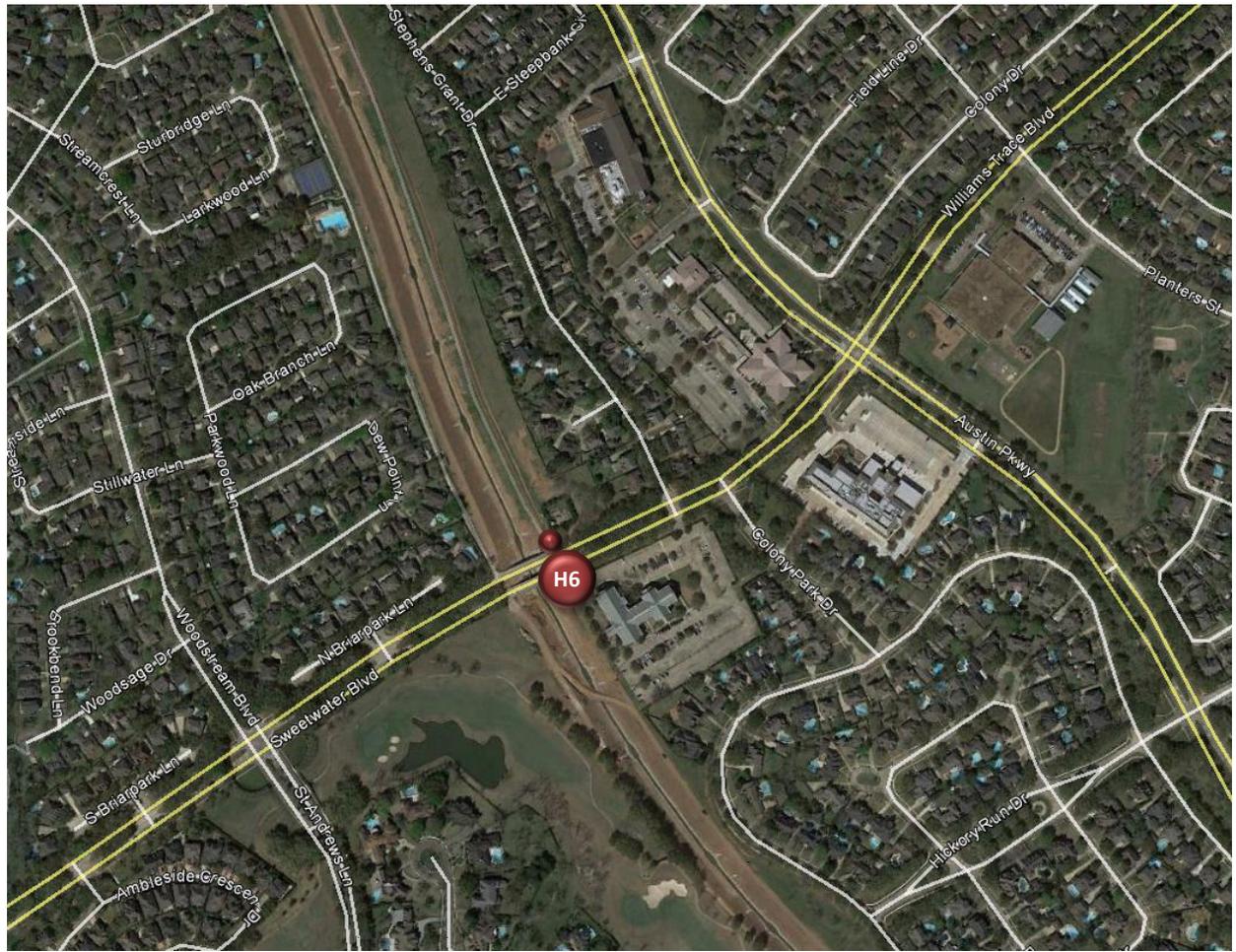
Counter H6

Sweetwater Boulevard Eastbound at Steep Bank Creek

Location Information		
Location Name	Sweetwater Boulevard Eastbound at Steep Bank Creek	
Location Description	Sidewalk along Sweetwater Boulevard Eastbound on Steep Bank Creek Bridge (approximately 0.2 miles west of Austin Parkway)	
Jurisdiction	City of Sugar Land	
Agency Deployed	City of Sugar Land	
GPS Coordinates	29°34'42.05"N, 95°36'51.96"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Offices (Fort Bend ISD Administration Annex), Open Space (Golf Course), Single-Family Residential
	East	Single-Family Residential, Offices (Fort Bend ISD Administration Annex), Institutional (Churches)
	West	Single-Family Residential, Open Space (Golf Course)
What object was device secured to?	Bridge Railing	
Sidewalk Width	4'	
Buffer Width	Railing between Sidewalk and Travel Lanes	
Street Width	Four-Lane Divided Roadway	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good (Minor Unevenness)	
Speed Limit	35 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	9,040 (3100 Sweetwater Boulevard: TxDOT - 2012)	
Transit	No	
Shade	Yes	
Have counts been collected by H-GAC at this location before?	No	
Notes	During the deployment period, construction was underway along the eastern bank of Steep Bank Creek.	
	The concrete sidewalk approaching the bridge is 4' wide with a buffer approximately 7' wide along Sweetwater Boulevard.	

Trends
<ul style="list-style-type: none"> Usage tends to be higher during weekends (23 users/day) than on weekdays (19 users/day). On weekdays, usage is highest in the morning (10:00 a.m. – 11:00 a.m.) and evening (5:00 p.m. – 9:00 p.m.). During weekends, usage is highest in the early morning (6:00 a.m. – 7:00 a.m.) and midday (11:00 a.m. – 12:00 a.m.). On average, more pedestrians/cyclists tend to use the sidewalk along Sweetwater Boulevard Westbound (54 users/day) than the sidewalk along Sweetwater Boulevard Eastbound (20 users/day).

Location Information: Map



Location Information: Photos



Image 9: Sidewalk along Sweetwater Boulevard Eastbound on Steep Bank Creek Bridge Facing East



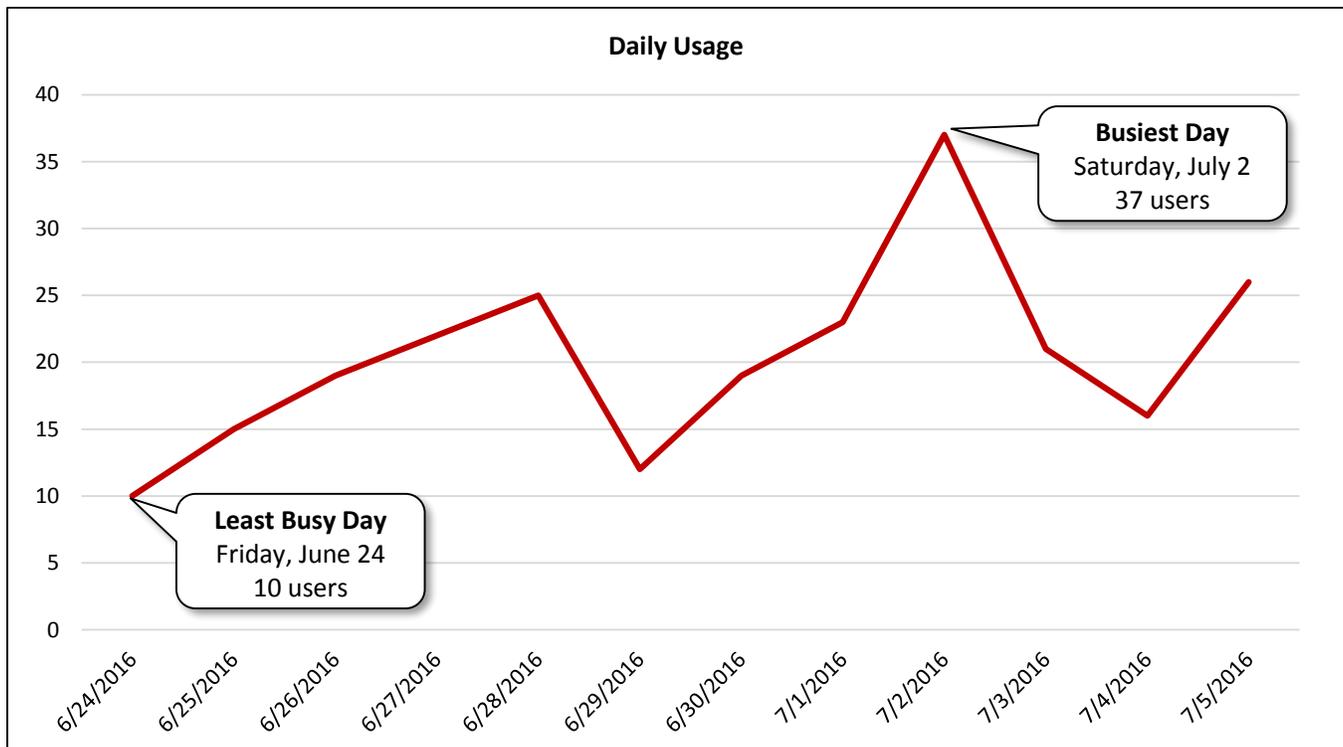
Image 10: Sidewalk along Sweetwater Boulevard Eastbound on Steep Bank Creek Bridge Facing West

Daily Usage				
Sweetwater Boulevard Eastbound at Steep Bank Creek				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	10	91	72	0.04
Saturday, June 25, 2016	15	91	77	0.01
Sunday, June 26, 2016	19	91	73	0
Monday, June 27, 2016	22	95	75	0
Tuesday, June 28, 2016	25	93	73	0.16
Wednesday, June 29, 2016	12	93	72	0.01
Thursday, June 30, 2016	19	93	75	0
Friday, July 1, 2016	23	91	73	0
Saturday, July 2, 2016	37	95	75	0
Sunday, July 3, 2016	21	93	77	0
Monday, July 4, 2016	16	93	80	0
Tuesday, July 5, 2016	26	93	80	0

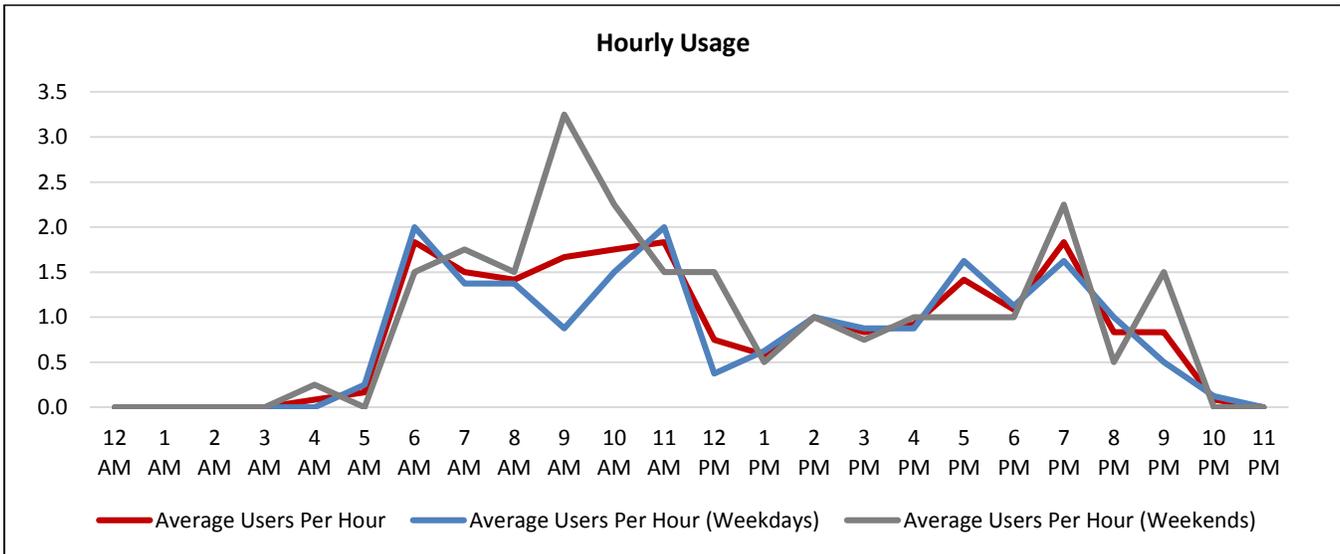
Total	245
Average Daily Usage	20
Average Daily Usage (Weekday)	19
Average Daily Usage (Weekend)	23

Notes
Holiday: Independence Day (July 4, 2016)

*Weather conditions recorded at KSGR.



Hourly Usage			
Sweetwater Boulevard Eastbound at Steep Bank Creek			
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.	0.1	0.0	0.3
5:00 a.m.	0.2	0.3	0.0
6:00 a.m.	1.8	2.0	1.5
7:00 a.m.	1.5	1.4	1.8
8:00 a.m.	1.4	1.4	1.5
9:00 a.m.	1.7	0.9	3.3
10:00 a.m.	1.8	1.5	2.3
11:00 a.m.	1.8	2.0	1.5
12:00 p.m.	0.8	0.4	1.5
1:00 p.m.	0.6	0.6	0.5
2:00 p.m.	1.0	1.0	1.0
3:00 p.m.	0.8	0.9	0.8
4:00 p.m.	0.9	0.9	1.0
5:00 p.m.	1.4	1.6	1.0
6:00 p.m.	1.1	1.1	1.0
7:00 p.m.	1.8	1.6	2.3
8:00 p.m.	0.8	1.0	0.5
9:00 p.m.	0.8	0.5	1.5
10:00 p.m.	0.1	0.1	0.0
11:00 p.m.	0.0	0.0	0.0



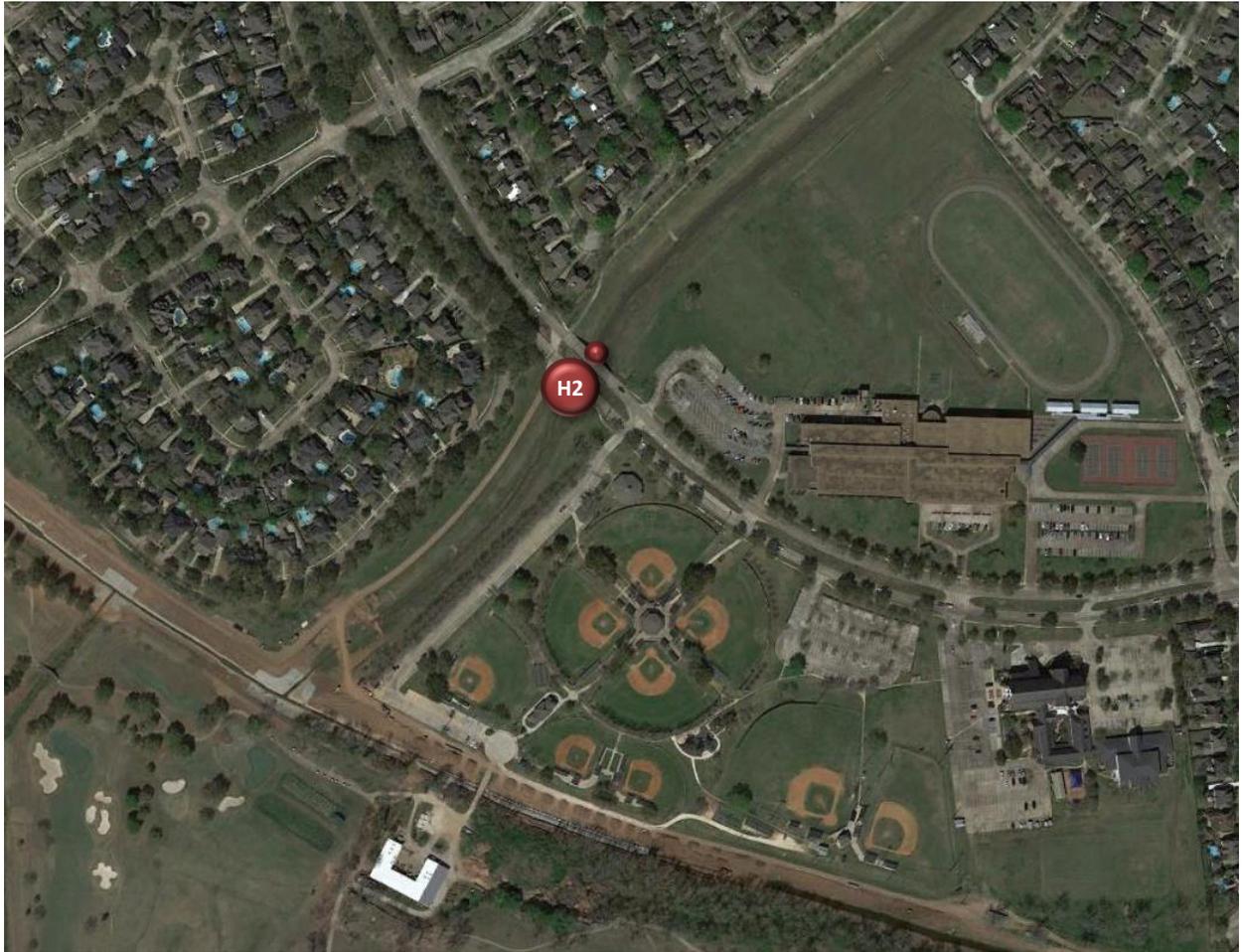
Counter H2

Austin Parkway Eastbound at First Colony Middle School Bridge

Location Information		
Location Name	Austin Parkway Eastbound at First Colony Middle School Bridge	
Location Description	Sidewalk along Austin Parkway Eastbound on Bridge West of First Colony Middle School	
Jurisdiction	City of Sugar Land	
Agency Deployed	City of Sugar Land	
GPS Coordinates	29°34'29.57"N, 95°36'23.07"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Park
	East	First Colony Middle School
	West	Single-Family Residential
What object was device secured to?	Bridge Railing	
Sidewalk Width	4'	
Buffer Width	Railing between Sidewalk and Travel Lanes	
Street Width	Four-Lane Divided Roadway	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	35 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	9,390 (3600 Austin Parkway: TxDOT - 2012)	
Transit	No	
Shade	Yes	
Have counts been collected by H-GAC at this location before?	No	
Notes	The concrete sidewalk approaching the bridge is 4' wide with a buffer of approximately 8' along Austin Parkway.	
	Counter H2 was deployed later than the other counters and began collecting data on Friday, June 24, 2016 at 3:00 p.m. It stopped collecting data prior to the end of the deployment period, at approximately 5:30 p.m. on Thursday, June 30, 2016.	

Trends
<ul style="list-style-type: none"> Usage tends to be higher on weekdays (40 users/day) than during weekends (27 users/day). On weekdays, usage is highest just after midnight (12:00 a.m. – 1:00 a.m.). This may be skewed by unusually high usage at this location on Thursday, June 30 (12:00 a.m. – 1:00 a.m.), when 23 users passed Counter H2 during that period. During weekends, usage is highest in the morning (8:00 a.m. – 9:00 a.m.). On average, more pedestrians/cyclists tend to use the sidewalk along Austin Parkway Eastbound (36 users/day) than the sidewalk along Austin Parkway Westbound (32 users/day).

Location Information: Map



Location Information: Photos



Image 11: Sidewalk along Austin Parkway Eastbound at First Colony Middle School Bridge Facing East



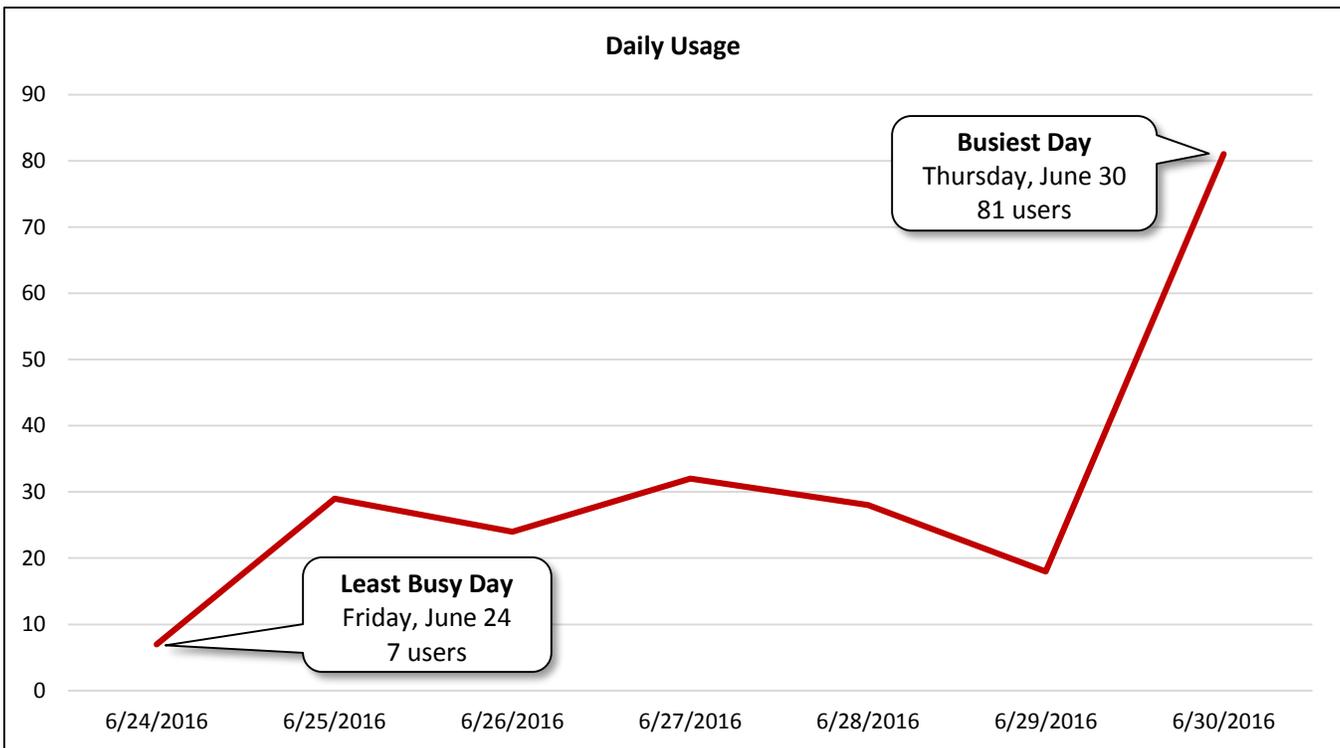
Image 12: Sidewalk along Austin Parkway Eastbound at First Colony Middle School Bridge Facing West

Daily Usage Austin Parkway Eastbound at First Colony Middle School Bridge				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	7	91	72	0.04
Saturday, June 25, 2016	29	91	77	0.01
Sunday, June 26, 2016	24	91	73	0
Monday, June 27, 2016	32	95	75	0
Tuesday, June 28, 2016	28	93	73	0.16
Wednesday, June 29, 2016	18	93	72	0.01
Thursday, June 30, 2016	81	93	75	0

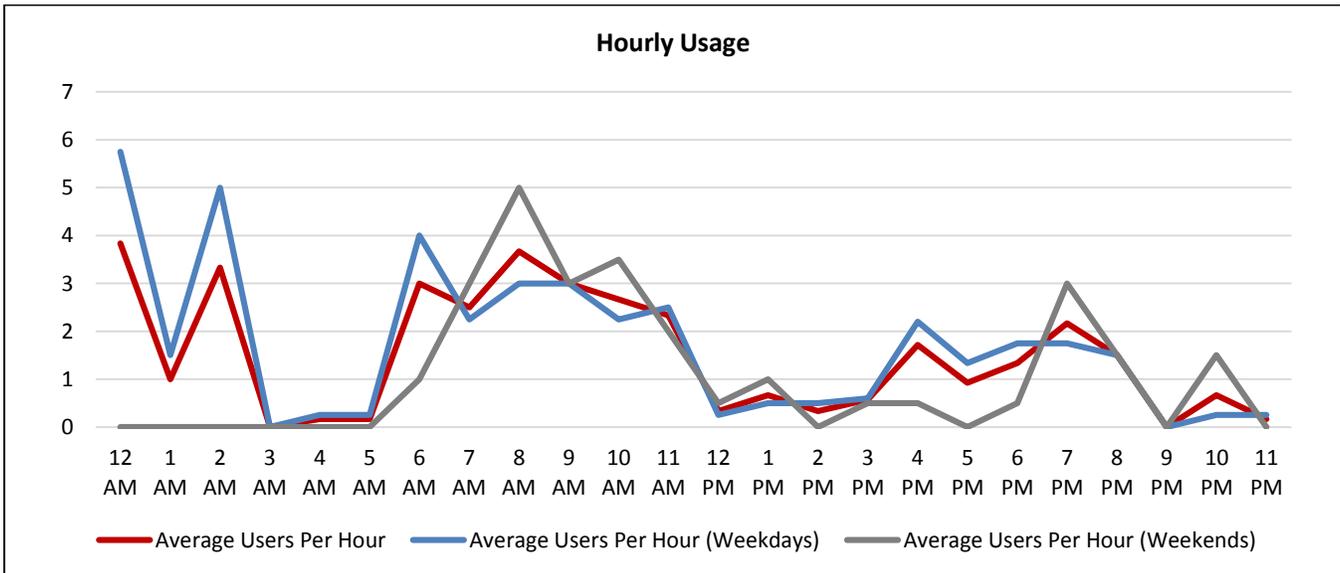
Total	219
Average Daily Usage	36
Average Daily Usage (Weekday)	40
Average Daily Usage (Weekend)	27

Notes
Counter H2 was deployed later than the other counters and began collecting data on Friday, June 24, 2016 at 3:00 p.m. It stopped collecting data prior to the end of the deployment period, at approximately 5:30 p.m. on Thursday, June 30, 2016.

*Weather conditions recorded at KSGR.



Hourly Usage Austin Parkway Eastbound at First Colony Middle School Bridge			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	3.8	5.8	0.0
1:00 a.m.	1.0	1.5	0.0
2:00 a.m.	3.3	5.0	0.0
3:00 a.m.	0.0	0.0	0.0
4:00 a.m.	0.2	0.3	0.0
5:00 a.m.	0.2	0.3	0.0
6:00 a.m.	3.0	4.0	1.0
7:00 a.m.	2.5	2.3	3.0
8:00 a.m.	3.7	3.0	5.0
9:00 a.m.	3.0	3.0	3.0
10:00 a.m.	2.7	2.3	3.5
11:00 a.m.	2.3	2.5	2.0
12:00 p.m.	0.3	0.3	0.5
1:00 p.m.	0.7	0.5	1.0
2:00 p.m.	0.3	0.5	0.0
3:00 p.m.	0.6	0.6	0.5
4:00 p.m.	1.7	2.2	0.5
5:00 p.m.	0.9	1.3	0.0
6:00 p.m.	1.3	1.8	0.5
7:00 p.m.	2.2	1.8	3.0
8:00 p.m.	1.5	1.5	1.5
9:00 p.m.	0.0	0.0	0.0
10:00 p.m.	0.7	0.3	1.5
11:00 p.m.	0.2	0.3	0.0



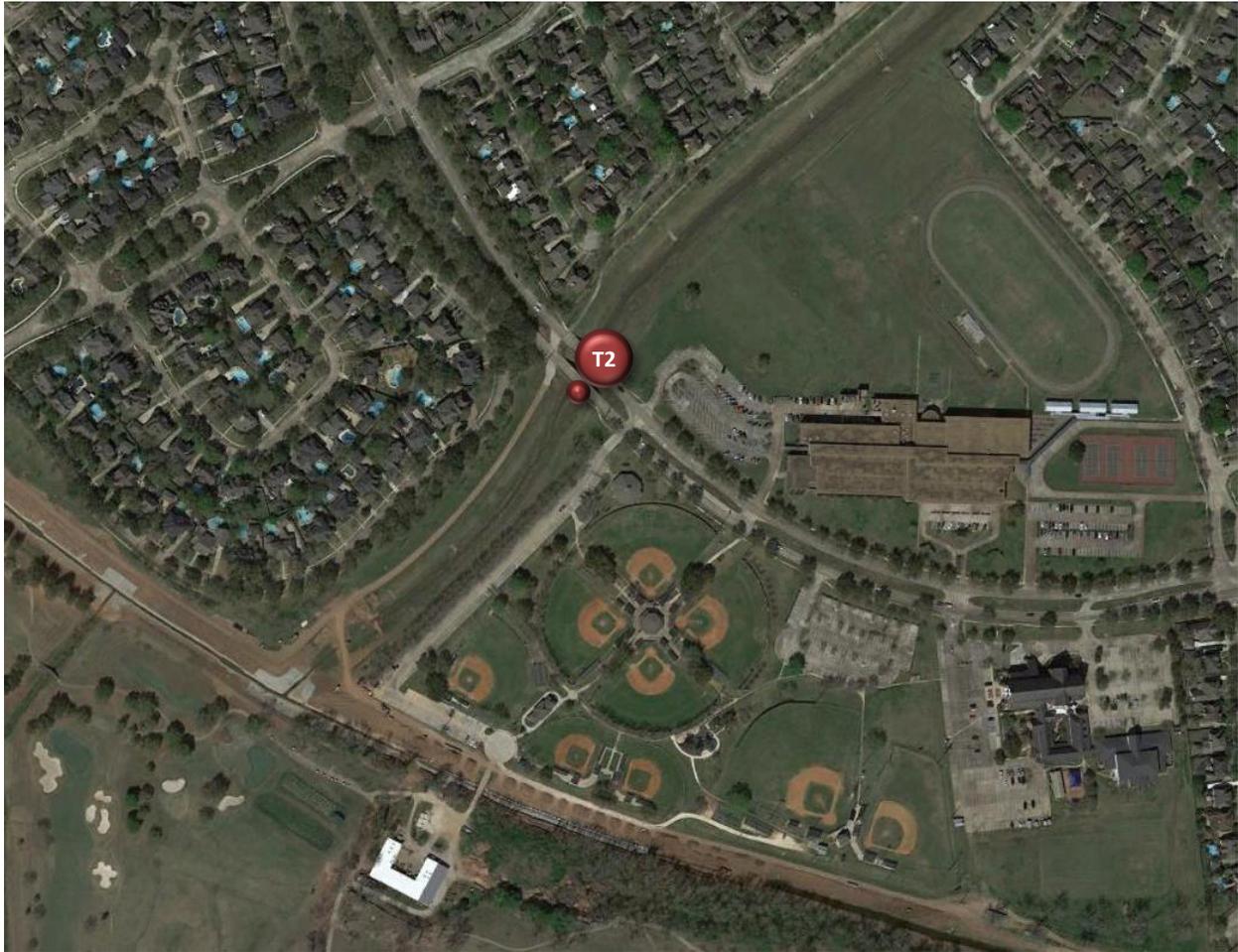
Counter T2

Austin Parkway Westbound at First Colony Middle School Bridge

Location Information		
Location Name	Austin Parkway Westbound at First Colony Middle School Bridge	
Location Description	Sidewalk along Austin Parkway Westbound on Bridge West of First Colony Middle School	
Jurisdiction	City of Sugar Land	
Agency Deployed	City of Sugar Land	
GPS Coordinates	29°34'30.90"N, 95°36'23.34"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Park
	East	First Colony Middle School
	West	Single-Family Residential
What object was device secured to?	Bridge Railing	
Sidewalk Width	4'	
Buffer Width	Railing between Sidewalk and Travel Lanes	
Street Width	Four-Lane Divided Roadway	
Parallel Parking	No	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	35 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	9,390 (3600 Austin Parkway: TxDOT - 2012)	
Transit	No	
Shade	Yes	
Have counts been collected by H-GAC at this location before?	No	
Notes	The concrete sidewalk approaching the bridge is 4' wide with a buffer of approximately 8' along Austin Parkway east of the bridge, and a wider buffer west of the bridge.	
	Counter T2 was deployed later than the other counters and began collecting data on Friday, June 24, 2016 at 3:00 p.m.	

Trends
<ul style="list-style-type: none"> • Usage tends to be slightly higher on weekdays (33 users/day) than during weekends (30 users/day). • On weekdays, usage is highest in the evening (7:00 p.m. – 8:00 p.m.). • During weekends, usage is highest in the evening (7:00 p.m. – 8:00 p.m.). • On average, more pedestrians/cyclists tend to use the sidewalk along Austin Parkway Eastbound (36 users/day) than the sidewalk along Austin Parkway Westbound (32 users/day).

Location Information: Map



Location Information: Photos



Image 13: Sidewalk along Austin Parkway Westbound at First Colony Middle School Bridge Facing East



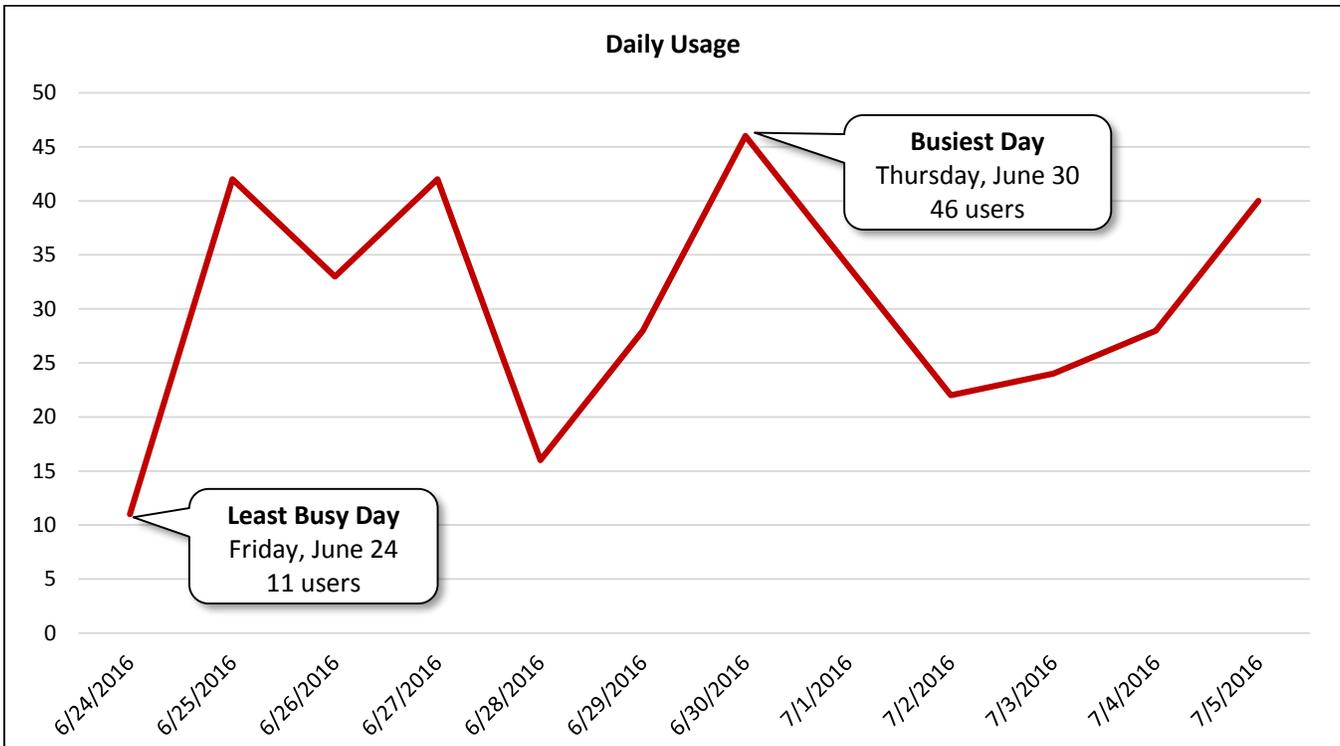
Image 14: Sidewalk along Austin Parkway Westbound at First Colony Middle School Bridge Facing West

Daily Usage				
Austin Parkway Westbound at First Colony Middle School Bridge				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	11	91	72	0.04
Saturday, June 25, 2016	42	91	77	0.01
Sunday, June 26, 2016	33	91	73	0
Monday, June 27, 2016	42	95	75	0
Tuesday, June 28, 2016	16	93	73	0.16
Wednesday, June 29, 2016	28	93	72	0.01
Thursday, June 30, 2016	46	93	75	0
Friday, July 1, 2016	34	91	73	0
Saturday, July 2, 2016	22	95	75	0
Sunday, July 3, 2016	24	93	77	0
Monday, July 4, 2016	28	93	80	0
Tuesday, July 5, 2016	40	93	80	0

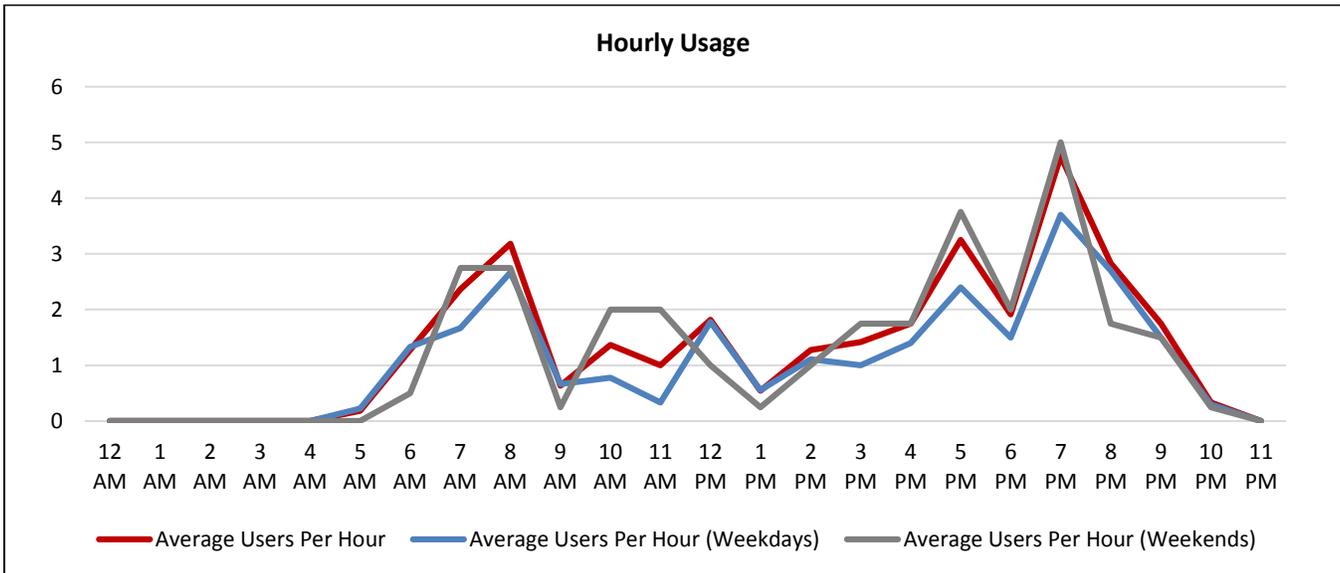
Total	366
Average Daily Usage	32
Average Daily Usage (Weekday)	33
Average Daily Usage (Weekend)	30

Notes
Holiday: Independence Day (July 4, 2016)

*Weather conditions recorded at KSGR.



Hourly Usage Austin Parkway Westbound at First Colony Middle School Bridge			
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	0.2	0.0
6:00 a.m.	1.3	1.3	0.5
7:00 a.m.	2.4	1.7	2.8
8:00 a.m.	3.2	2.7	2.8
9:00 a.m.	0.6	0.7	0.3
10:00 a.m.	1.4	0.8	2.0
11:00 a.m.	1.0	0.3	2.0
12:00 p.m.	1.8	1.8	1.0
1:00 p.m.	0.5	0.6	0.3
2:00 p.m.	1.3	1.1	1.0
3:00 p.m.	1.4	1.0	1.8
4:00 p.m.	1.8	1.4	1.8
5:00 p.m.	3.3	2.4	3.8
6:00 p.m.	1.9	1.5	2.0
7:00 p.m.	4.8	3.7	5.0
8:00 p.m.	2.8	2.7	1.8
9:00 p.m.	1.8	1.5	1.5
10:00 p.m.	0.3	0.3	0.3
11:00 p.m.	0.0	0.0	0.0



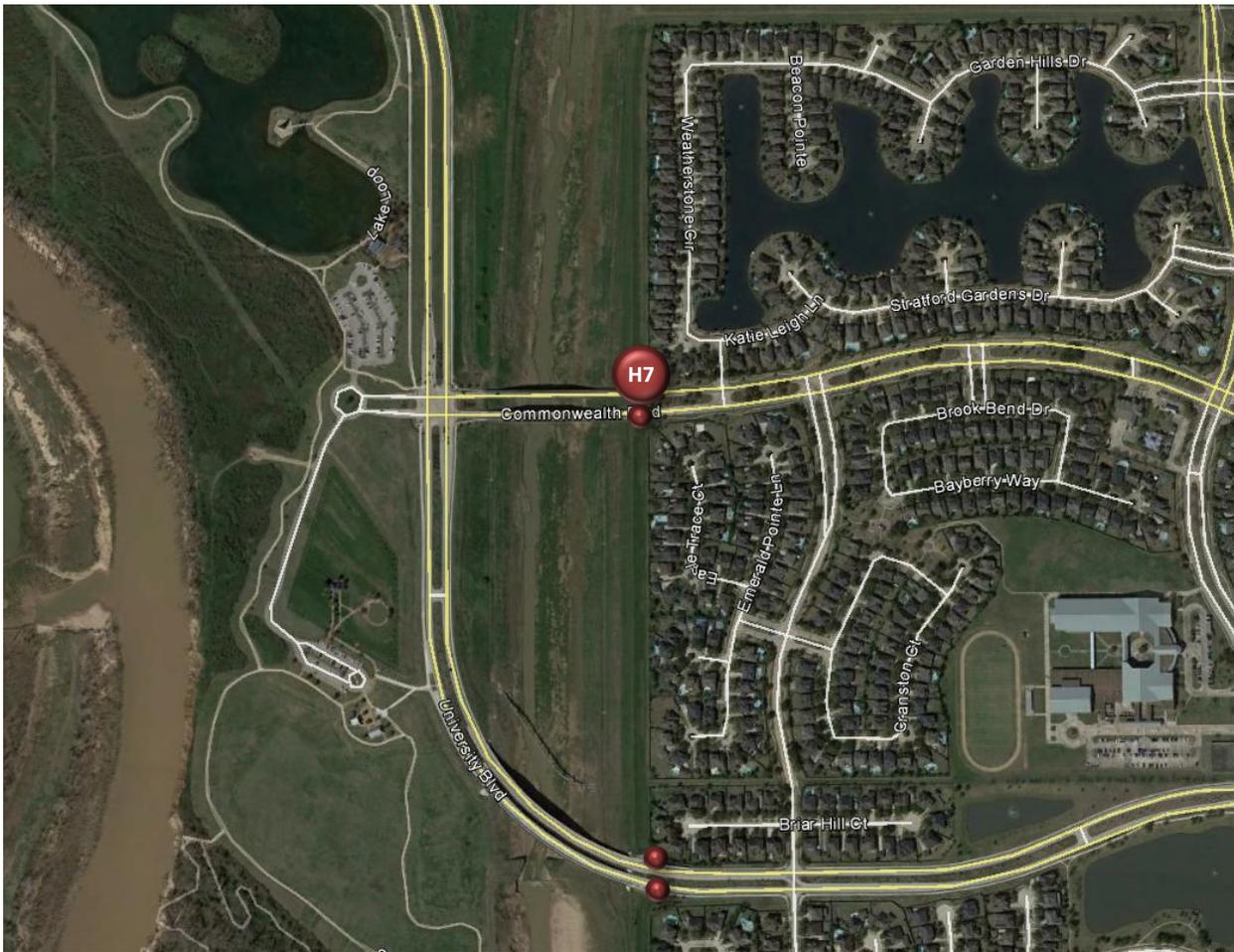
Counter H7

Commonwealth Boulevard Westbound at Ditch H Bridge

Location Information		
Location Name	Commonwealth Boulevard Westbound at Ditch H Bridge	
Location Description	Sidewalk along Commonwealth Boulevard Westbound at Ditch H Bridge	
Jurisdiction	City of Sugar Land	
Agency Deployed	City of Sugar Land	
GPS Coordinates	29°33'33.36"N, 95°38'14.56"W	
Surrounding Land Uses	North	Open Space (Drainage Area), Single-Family Residential
	South	Open Space (Drainage Area), Single-Family Residential
	East	Single-Family Residential
	West	Open Space (Drainage Area), Park
What object was device secured to?	Bridge Railing (near eastern end of bridge)	
Sidewalk Width	6'	
Buffer Width	Concrete Wall between Sidewalk and Travel Lanes	
Street Width	Four-Lane Divided Roadway	
Parallel Parking	No	
Landscaping or Trees	No	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	35 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	N/A	
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 (51 users/day) than on weekdays (35 users/day). On weekdays, usage is highest in the evening (7:00 p.m. – 9:00 p.m.). During weekends, usage is highest in the evening (7:00 p.m. – 9:00 p.m.). There is also a pronounced increase in usage in the morning (8:00 a.m. – 9:00 a.m.). On average, more pedestrians/cyclists tend to use the sidewalk along Commonwealth Boulevard Westbound (40 users/day) than the shared-use path along Commonwealth Boulevard Eastbound (32 users/day).

Location Information: Map



Location Information: Photos



Image 15: Sidewalk along Commonwealth Boulevard Westbound at Ditch H Bridge Facing East



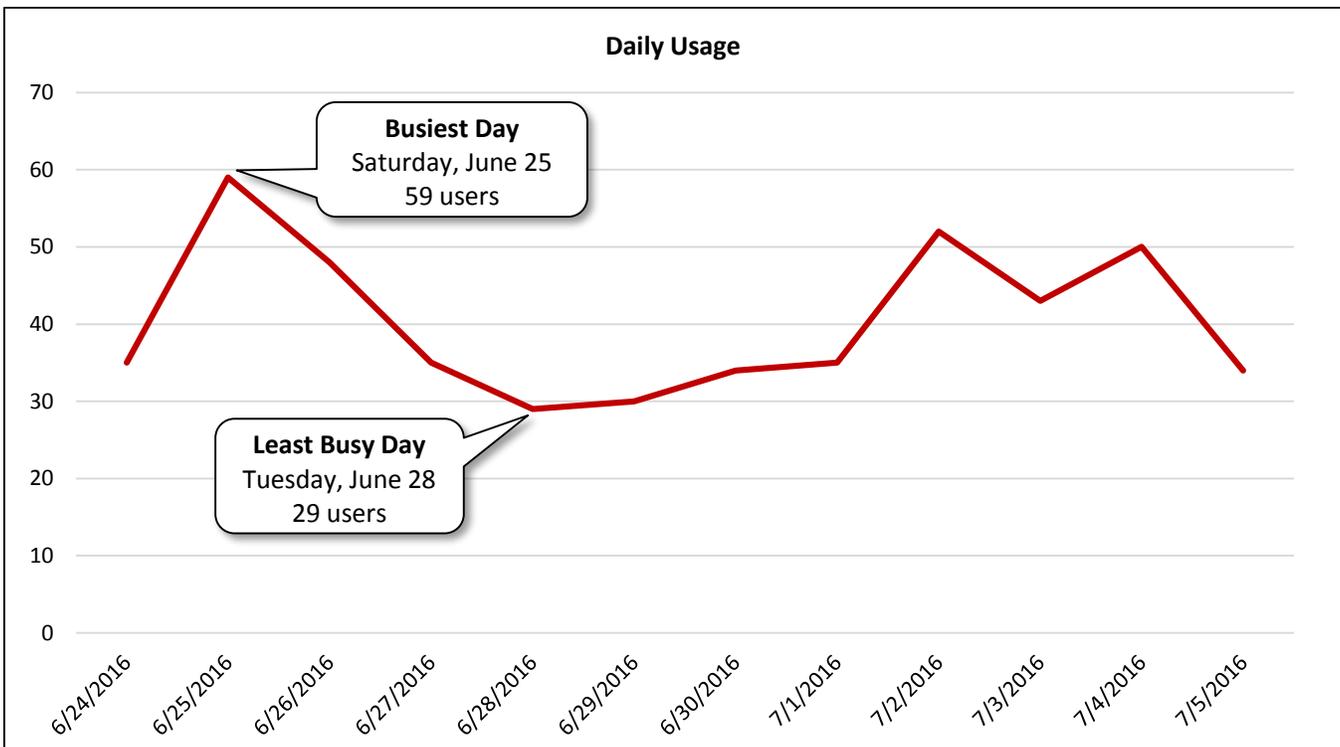
Image 16: Sidewalk along Commonwealth Boulevard Westbound at Ditch H Bridge Facing West

Daily Usage Commonwealth Boulevard Westbound at Ditch H Bridge				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	35	91	72	0.04
Saturday, June 25, 2016	59	91	77	0.01
Sunday, June 26, 2016	48	91	73	0
Monday, June 27, 2016	35	95	75	0
Tuesday, June 28, 2016	29	93	73	0.16
Wednesday, June 29, 2016	30	93	72	0.01
Thursday, June 30, 2016	34	93	75	0
Friday, July 1, 2016	35	91	73	0
Saturday, July 2, 2016	52	95	75	0
Sunday, July 3, 2016	43	93	77	0
Monday, July 4, 2016	50	93	80	0
Tuesday, July 5, 2016	34	93	80	0

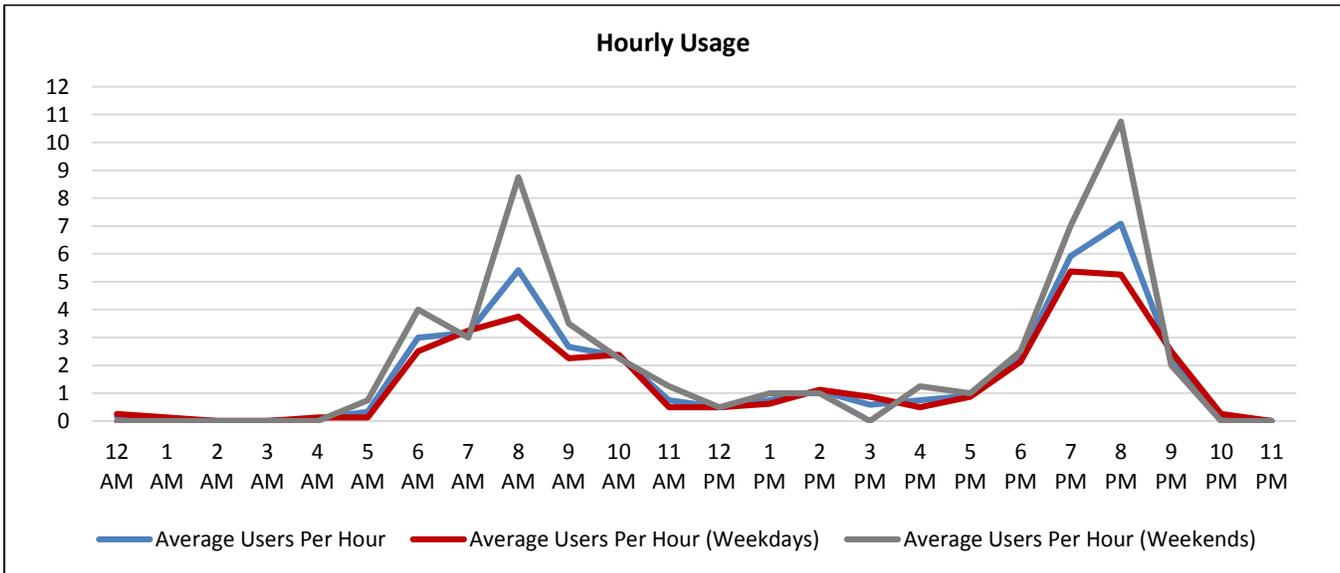
Total	484
Average Daily Usage	40
Average Daily Usage (Weekday)	35
Average Daily Usage (Weekend)	51

Notes
Holiday: Independence Day (July 4, 2016)

*Weather conditions recorded at KSGR.



Hourly Usage Commonwealth Boulevard Westbound at Ditch H Bridge			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.2	0.3	0.0
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.	0.1	0.1	0.0
5:00 a.m.	0.3	0.1	0.8
6:00 a.m.	3.0	2.5	4.0
7:00 a.m.	3.2	3.3	3.0
8:00 a.m.	5.4	3.8	8.8
9:00 a.m.	2.7	2.3	3.5
10:00 a.m.	2.3	2.4	2.3
11:00 a.m.	0.8	0.5	1.3
12:00 p.m.	0.5	0.5	0.5
1:00 p.m.	0.8	0.6	1.0
2:00 p.m.	1.1	1.1	1.0
3:00 p.m.	0.6	0.9	0.0
4:00 p.m.	0.8	0.5	1.3
5:00 p.m.	0.9	0.9	1.0
6:00 p.m.	2.3	2.1	2.5
7:00 p.m.	5.9	5.4	7.0
8:00 p.m.	7.1	5.3	10.8
9:00 p.m.	2.3	2.5	2.0
10:00 p.m.	0.2	0.3	0.0
11:00 p.m.	0.0	0.0	0.0



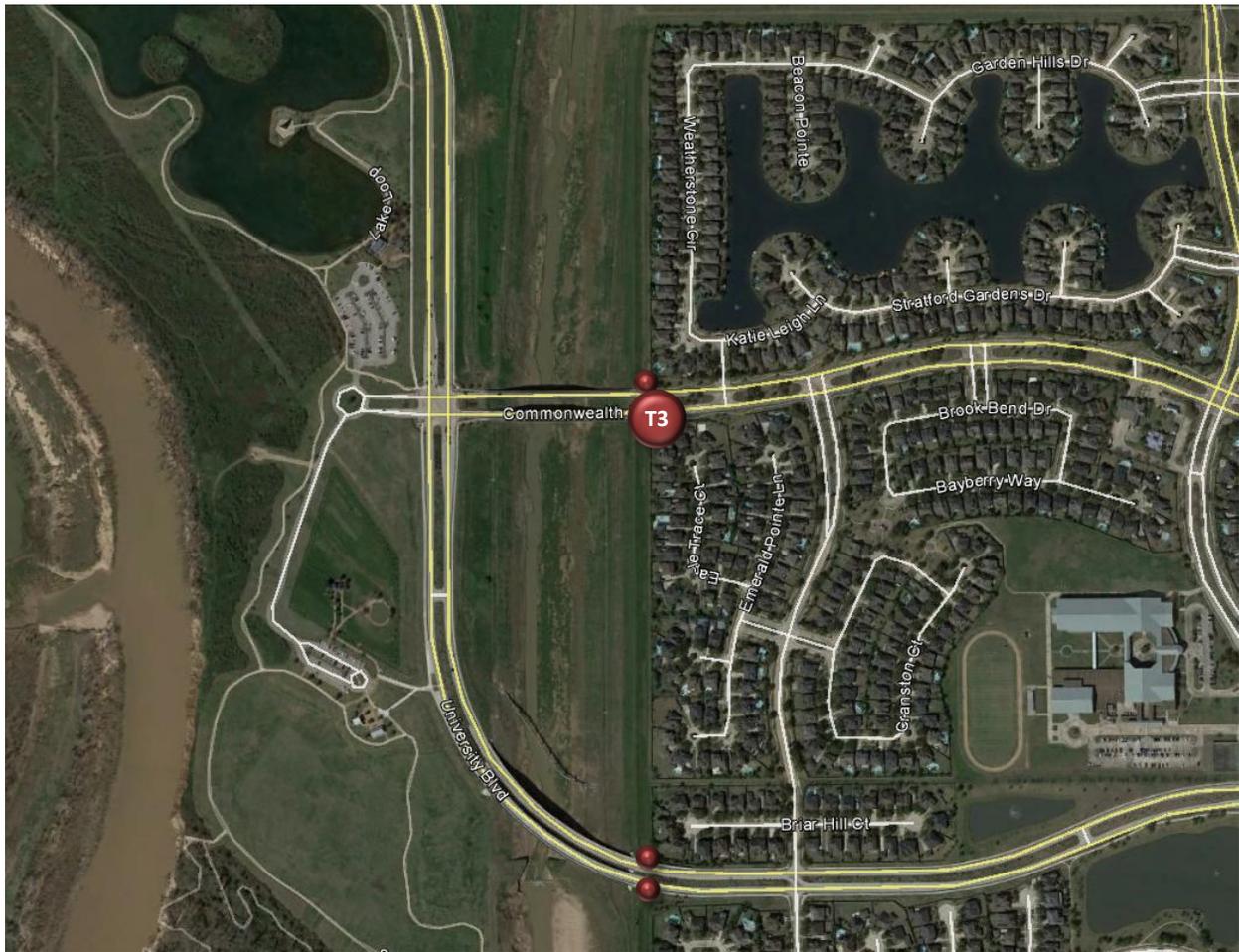
Counter T3

Commonwealth Boulevard Eastbound at Ditch H Bridge

Location Information		
Location Name	Commonwealth Boulevard Eastbound at Ditch H Bridge	
Location Description	Shared-Use Path along Commonwealth Boulevard Eastbound at Ditch H Bridge	
Jurisdiction	City of Sugar Land	
Agency Deployed	City of Sugar Land	
GPS Coordinates	29°33'32.41"N, 95°38'14.31"W	
Surrounding Land Uses	North	Open Space (Drainage Area), Single-Family Residential
	South	Open Space (Drainage Area), Single-Family Residential
	East	Single-Family Residential
	West	Open Space (Drainage Area), Park
What object was device secured to?	Bridge Railing (near eastern end of bridge)	
Sidewalk Width	12.5'	
Buffer Width	Concrete Wall between Sidewalk and Travel Lanes	
Street Width	Four-Lane Divided Roadway	
Parallel Parking	No	
Landscaping or Trees	No	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good	
Speed Limit	35 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	N/A	
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 slightly higher on weekdays (33 users/day) than during weekends (30 users/day). • On weekdays, usage is highest in the evening (7:00 p.m. – 9:00 p.m.). There is also a pronounced increase in usage in the morning (6:00 a.m. – 8:00 a.m.). • During weekends, usage is highest in the morning (6:00 a.m. – 9:00 a.m.). There is also a pronounced increase in usage in the evening (8:00 p.m. – 9:00 p.m.). • On average, more pedestrians/cyclists tend to use the sidewalk along Commonwealth Boulevard Westbound (40 users/day) than the shared-use path along Commonwealth Boulevard Eastbound (32 users/day).

Location Information: Map



Location Information: Photos



Image 17: Shared-Use Path along Commonwealth Boulevard Eastbound at Ditch H Bridge Facing East



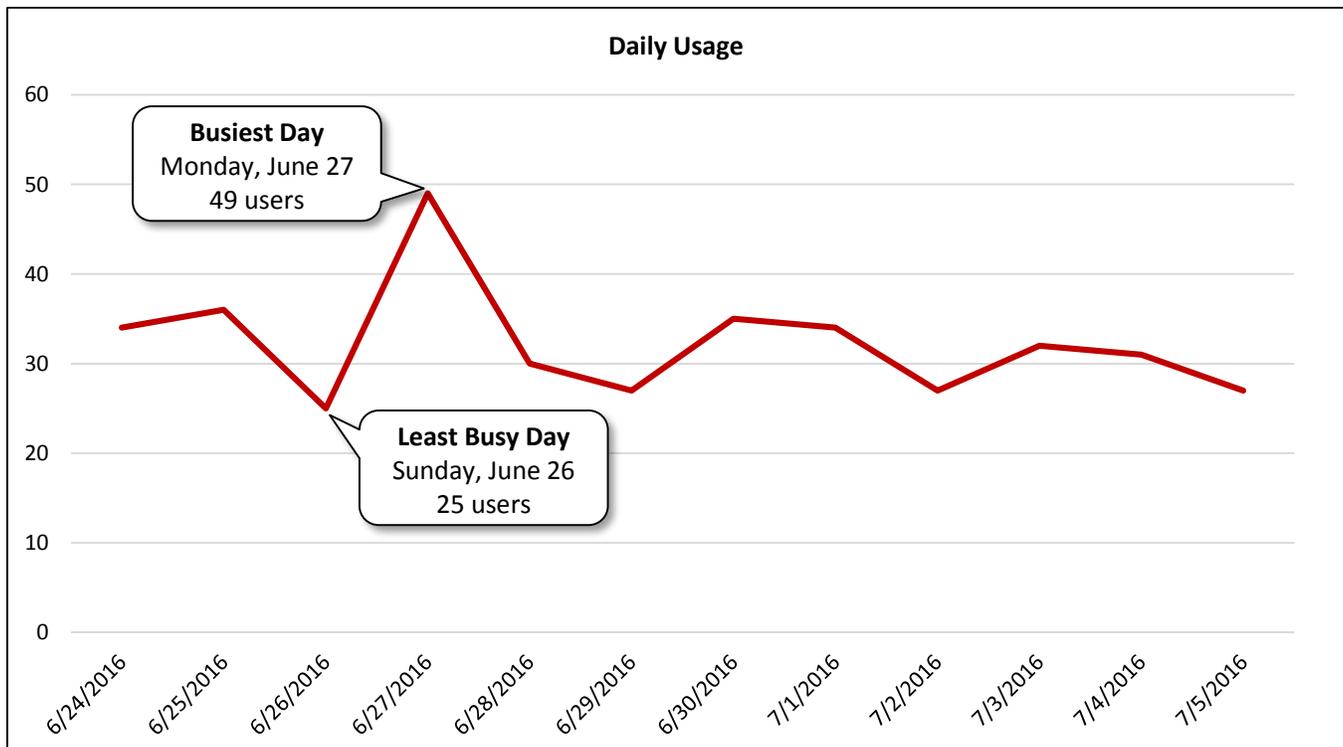
Image 18: Shared-Use Path along Commonwealth Boulevard Eastbound at Ditch H Bridge Facing East

Daily Usage Commonwealth Boulevard Eastbound at Ditch H Bridge				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	34	91	72	0.04
Saturday, June 25, 2016	36	91	77	0.01
Sunday, June 26, 2016	25	91	73	0
Monday, June 27, 2016	49	95	75	0
Tuesday, June 28, 2016	30	93	73	0.16
Wednesday, June 29, 2016	27	93	72	0.01
Thursday, June 30, 2016	35	93	75	0
Friday, July 1, 2016	34	91	73	0
Saturday, July 2, 2016	27	95	75	0
Sunday, July 3, 2016	32	93	77	0
Monday, July 4, 2016	31	93	80	0
Tuesday, July 5, 2016	27	93	80	0

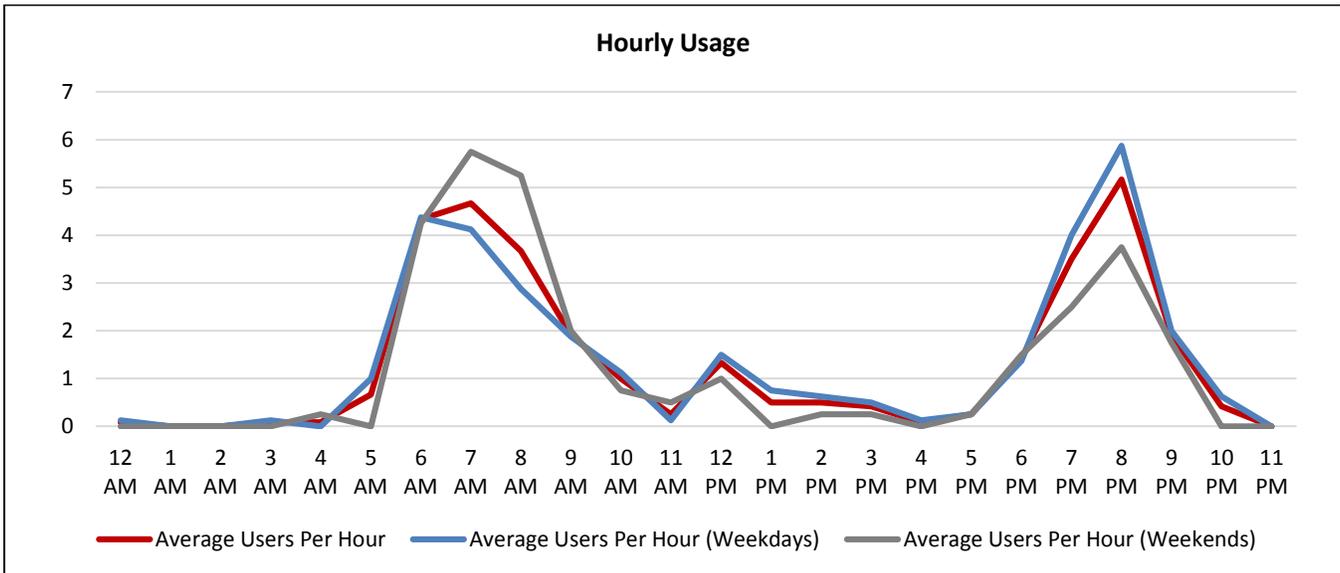
Total	387
Average Daily Usage	32
Average Daily Usage (Weekday)	33
Average Daily Usage (Weekend)	30

Notes
Holiday: Independence Day (July 4, 2016)

*Weather conditions recorded at KSGR.



Hourly Usage Commonwealth Boulevard Eastbound at Ditch H Bridge			
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.	0.0	0.0	0.0
2:00 a.m.	0.0	0.0	0.0
3:00 a.m.	0.1	0.1	0.0
4:00 a.m.	0.1	0.0	0.3
5:00 a.m.	0.7	1.0	0.0
6:00 a.m.	4.3	4.4	4.3
7:00 a.m.	4.7	4.1	5.8
8:00 a.m.	3.7	2.9	5.3
9:00 a.m.	1.9	1.9	2.0
10:00 a.m.	1.0	1.1	0.8
11:00 a.m.	0.3	0.1	0.5
12:00 p.m.	1.3	1.5	1.0
1:00 p.m.	0.5	0.8	0.0
2:00 p.m.	0.5	0.6	0.3
3:00 p.m.	0.4	0.5	0.3
4:00 p.m.	0.1	0.1	0.0
5:00 p.m.	0.3	0.3	0.3
6:00 p.m.	1.4	1.4	1.5
7:00 p.m.	3.5	4.0	2.5
8:00 p.m.	5.2	5.9	3.8
9:00 p.m.	1.9	2.0	1.8
10:00 p.m.	0.4	0.6	0.0
11:00 p.m.	0.0	0.0	0.0



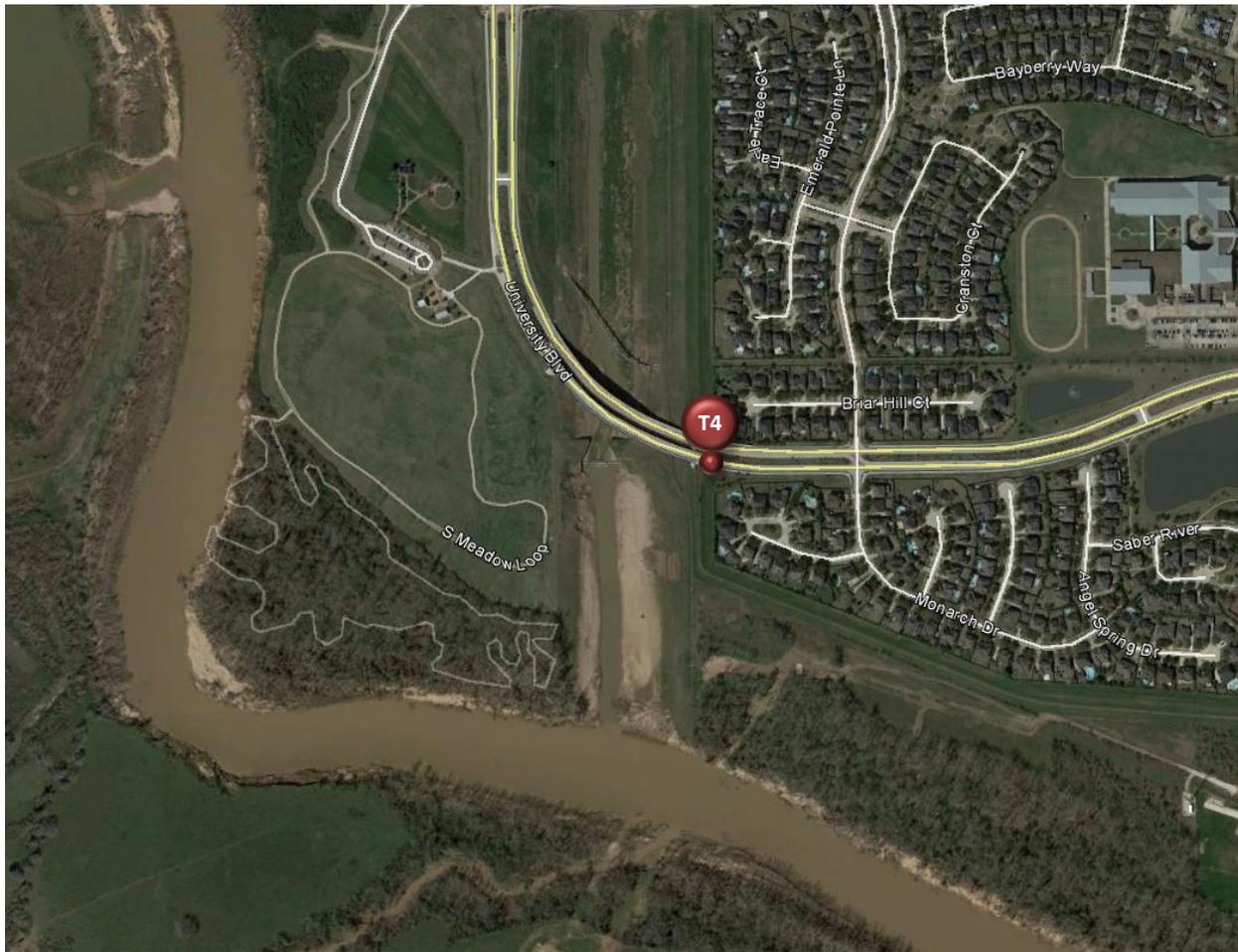
Counter T4

University Boulevard Westbound at Ditch H Bridge

Location Information		
Location Name	University Boulevard Westbound at Ditch H Bridge	
Location Description	Shared-Use Path along University Boulevard Westbound at Ditch H Bridge	
Jurisdiction	City of Sugar Land	
Agency Deployed	City of Sugar Land	
GPS Coordinates	29°33'14.30"N, 95°38'13.10"W	
Surrounding Land Uses	North	Open Space (Drainage Area), Single-Family Residential
	South	Open Space (Drainage Area), Single-Family Residential
	East	Single-Family Residential
	West	Open Space (Drainage Area), Park
What object was device secured to?	Sign Post (Object Marker: East End of Bridge)	
Sidewalk Width	9'	
Buffer Width	0'	
Street Width	Four-Lane Divided Roadway	
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	Yes	
Street Traffic Volume	N/A	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	
Notes	The concrete shared-use path approaching the eastern end of the bridge is 8' wide with a 4' buffer along University Boulevard.	

Trends
<ul style="list-style-type: none"> • Usage tends to be slightly higher during weekends (16 users/day) than on weekdays (14 users/day). • On weekdays, usage is highest in the evening (7:00 p.m. – 9:00 p.m.). • During weekends, usage is highest in the evening (7:00 p.m. – 8:00 p.m.). • On average, significantly more pedestrians/cyclists tend to use the shared-use path along University Boulevard Eastbound (43 users/day) than the shared-use path along University Boulevard Westbound (15 users/day).

Location Information: Map



Location Information: Photos



Image 19: Shared-Use Path along University Boulevard Westbound at Ditch H Bridge Facing East



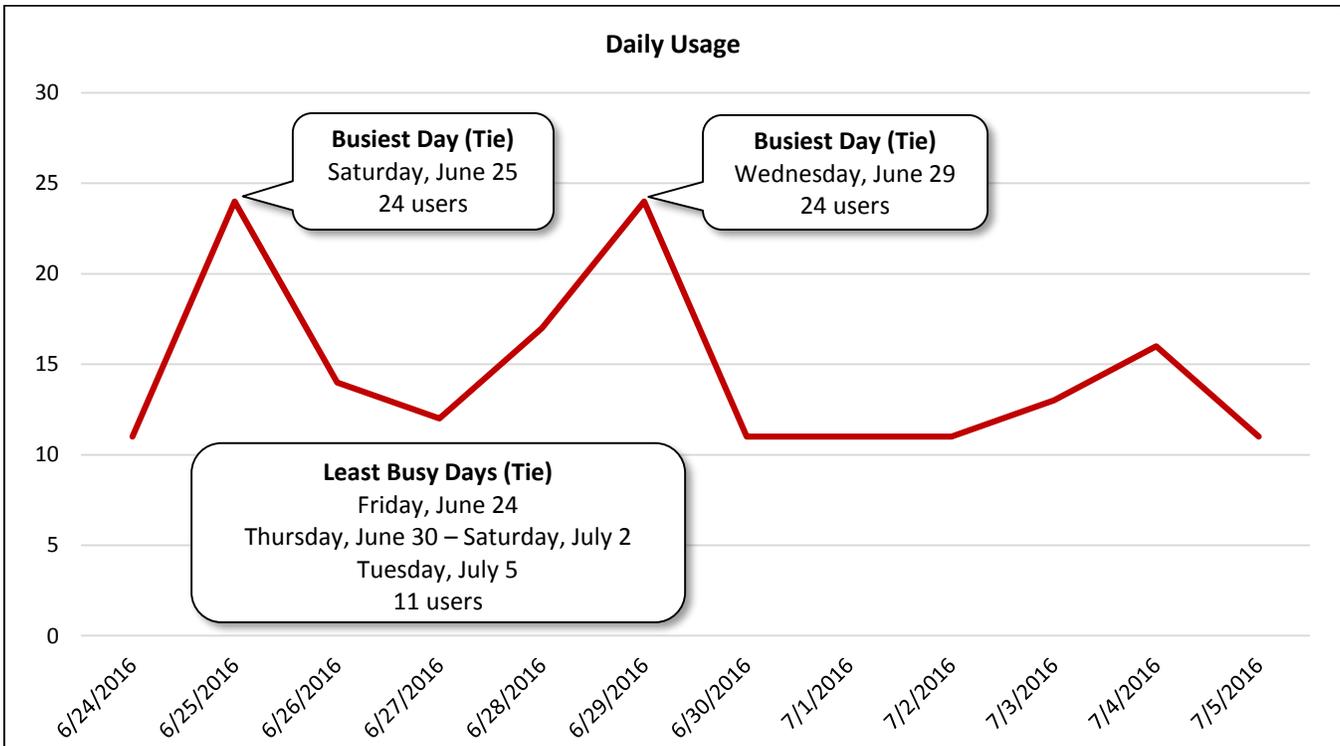
Image 20: Shared-Use Path along University Boulevard Westbound at Ditch H Bridge Facing West

Daily Usage				
University Boulevard Westbound at Ditch H Bridge				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	11	91	72	0.04
Saturday, June 25, 2016	24	91	77	0.01
Sunday, June 26, 2016	14	91	73	0
Monday, June 27, 2016	12	95	75	0
Tuesday, June 28, 2016	17	93	73	0.16
Wednesday, June 29, 2016	24	93	72	0.01
Thursday, June 30, 2016	11	93	75	0
Friday, July 1, 2016	11	91	73	0
Saturday, July 2, 2016	11	95	75	0
Sunday, July 3, 2016	13	93	77	0
Monday, July 4, 2016	16	93	80	0
Tuesday, July 5, 2016	11	93	80	0

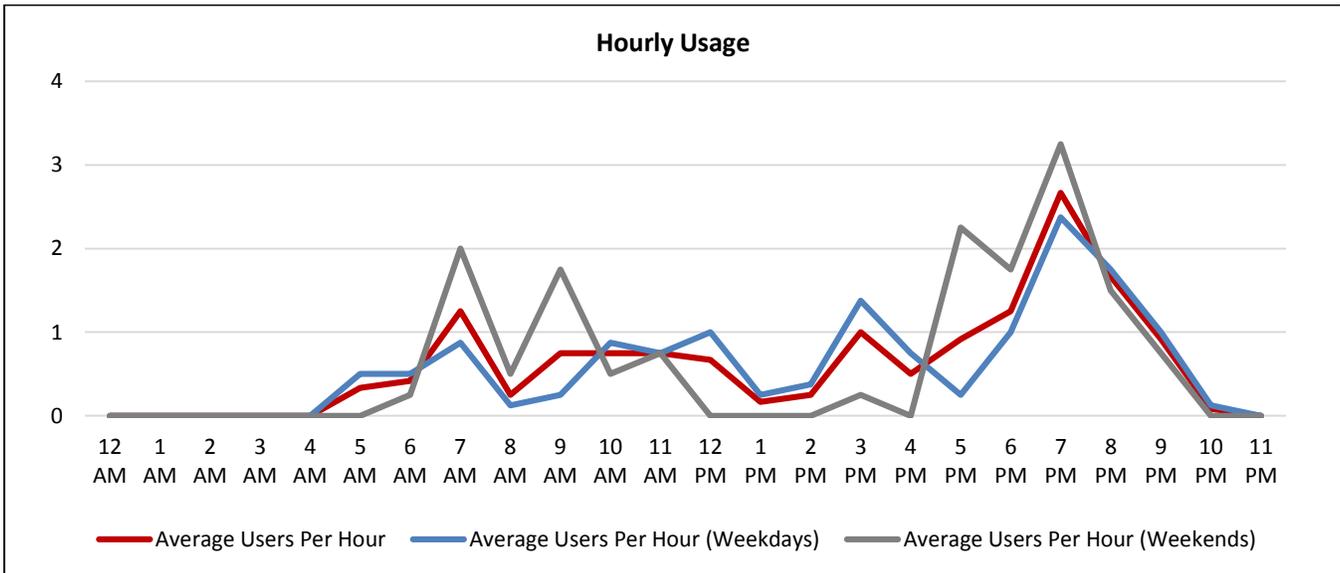
Total	175
Average Daily Usage	15
Average Daily Usage (Weekday)	14
Average Daily Usage (Weekend)	16

Notes
Holiday: Independence Day (July 4, 2016)

*Weather conditions recorded at KSGR.



Hourly Usage			
University Boulevard Westbound at Ditch H Bridge			
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.	0.3	0.5	0.0
6:00 a.m.	0.4	0.5	0.3
7:00 a.m.	1.3	0.9	2.0
8:00 a.m.	0.3	0.1	0.5
9:00 a.m.	0.8	0.3	1.8
10:00 a.m.	0.8	0.9	0.5
11:00 a.m.	0.8	0.8	0.8
12:00 p.m.	0.7	1.0	0.0
1:00 p.m.	0.2	0.3	0.0
2:00 p.m.	0.3	0.4	0.0
3:00 p.m.	1.0	1.4	0.3
4:00 p.m.	0.5	0.8	0.0
5:00 p.m.	0.9	0.3	2.3
6:00 p.m.	1.3	1.0	1.8
7:00 p.m.	2.7	2.4	3.3
8:00 p.m.	1.7	1.8	1.5
9:00 p.m.	0.9	1.0	0.8
10:00 p.m.	0.1	0.1	0.0
11:00 p.m.	0.0	0.0	0.0



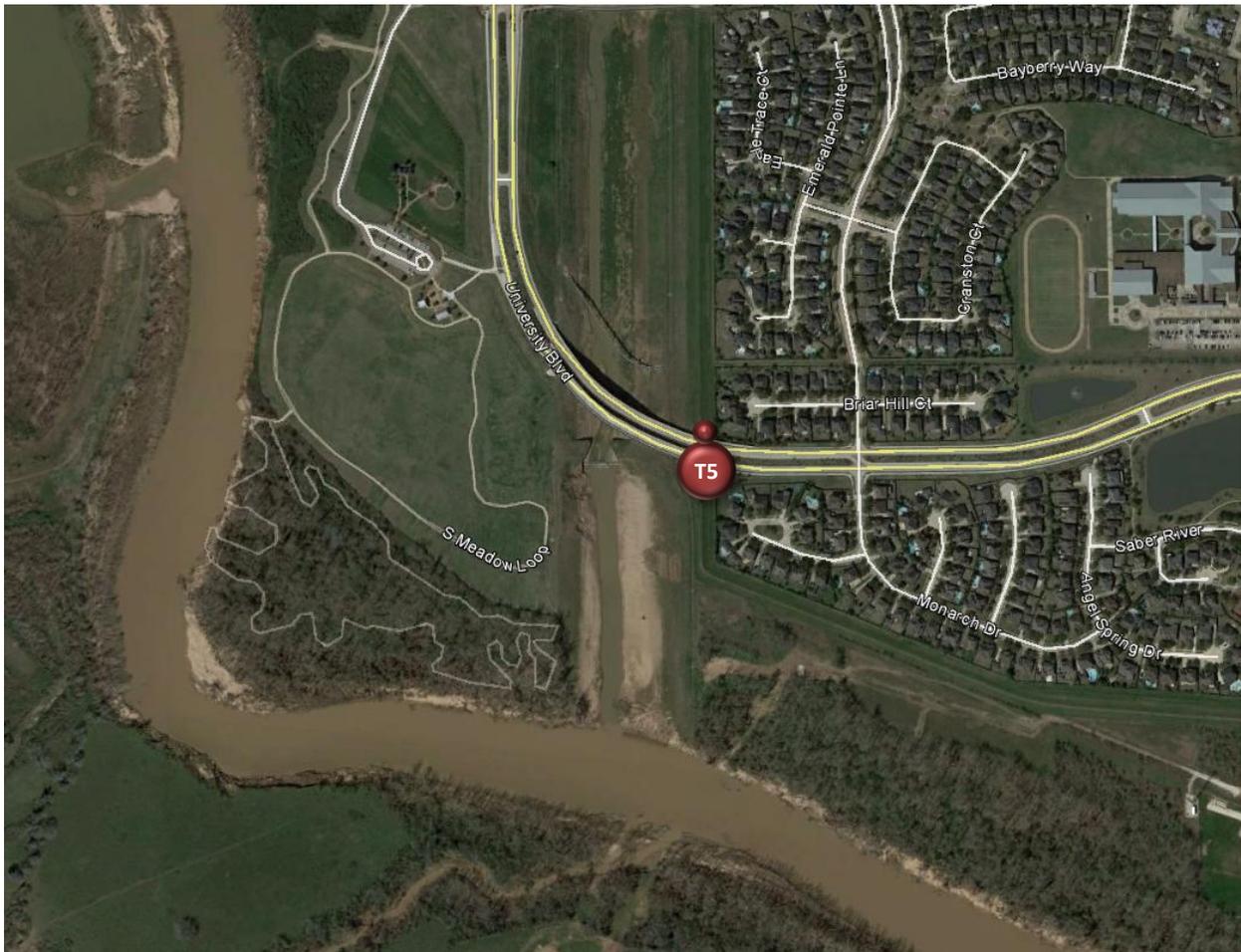
Counter T5

University Boulevard Eastbound at Ditch H Bridge

Location Information		
Location Name	University Boulevard Eastbound at Ditch H Bridge	
Location Description	Shared-Use Path along University Boulevard Eastbound at Ditch H Bridge	
Jurisdiction	City of Sugar Land	
Agency Deployed	City of Sugar Land	
GPS Coordinates	29°33'13.62"N, 95°38'13.44"W	
Surrounding Land Uses	North	Open Space (Drainage Area), Single-Family Residential
	South	Open Space (Drainage Area), Single-Family Residential
	East	Single-Family Residential
	West	Open Space (Drainage Area), Park
What object was device secured to?	Sign Post (No Motor Vehicles: East End of Bridge)	
Sidewalk Width	8.5'	
Buffer Width	Concrete Wall between Shared-Use Path and Travel Lanes	
Street Width	Four-Lane Divided Roadway	
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	Yes	
Street Traffic Volume	N/A	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	
Notes	The concrete shared-use path approaching the eastern end of the bridge is 8' wide with a 4' buffer along from University Boulevard.	

Trends
<ul style="list-style-type: none"> • Usage tends to be higher during weekends (51 users/day) than on weekdays (40 users/day). • On weekdays, usage is highest in the evening (8:00 p.m. – 9:00 p.m.). • During weekends, usage is high in the morning, peaking between 9:00 a.m. and 10:00 a.m. There is also a pronounced increase in usage in the evening (7:00 p.m. – 9:00 p.m.). • On average, significantly more pedestrians/cyclists tend to use the shared-use path along University Boulevard Eastbound (43 users/day) than the shared-use path along University Boulevard Westbound (15 users/day).

Location Information: Map



Location Information: Photos



Image 21: Shared-Use Path along University Boulevard Eastbound at Ditch H Bridge Facing East



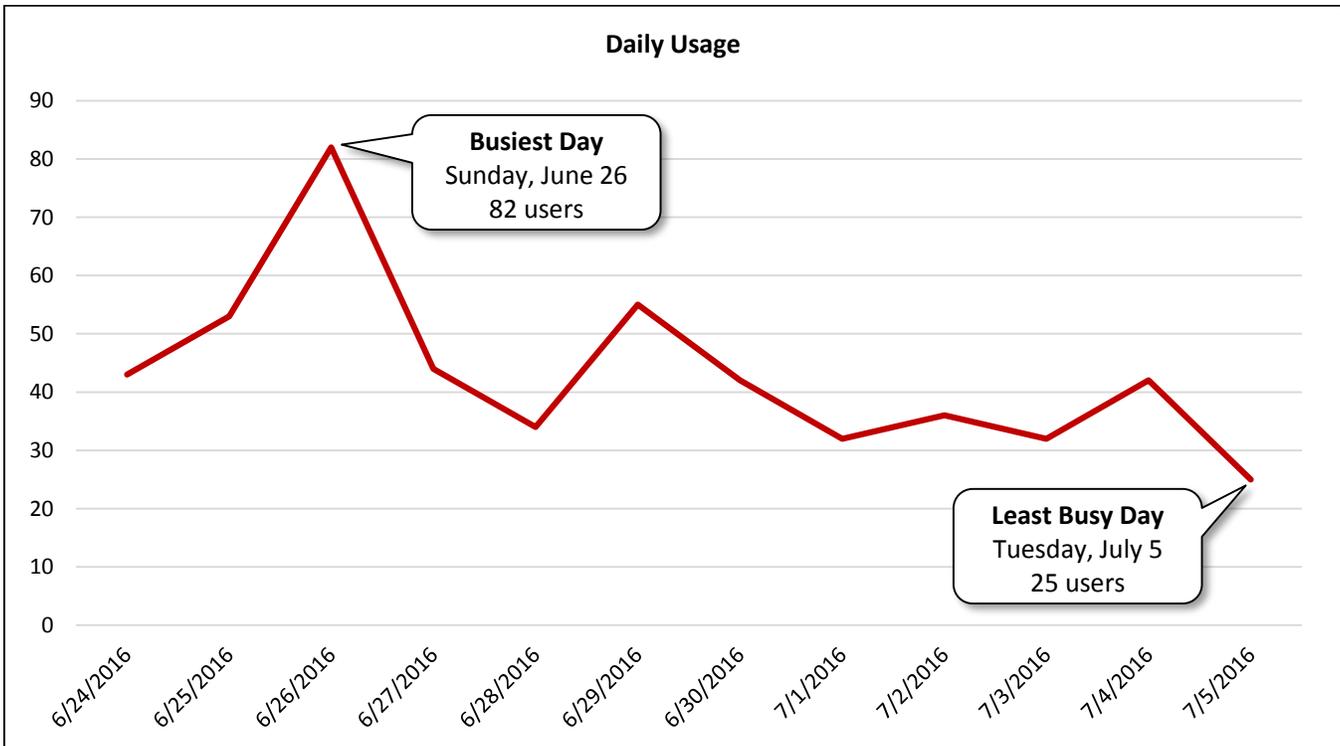
Image 22: Shared-Use Path along University Boulevard Eastbound at Ditch H Bridge Facing West

Daily Usage				
University Boulevard Eastbound at Ditch H Bridge				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, June 24, 2016	43	91	72	0.04
Saturday, June 25, 2016	53	91	77	0.01
Sunday, June 26, 2016	82	91	73	0
Monday, June 27, 2016	44	95	75	0
Tuesday, June 28, 2016	34	93	73	0.16
Wednesday, June 29, 2016	55	93	72	0.01
Thursday, June 30, 2016	42	93	75	0
Friday, July 1, 2016	32	91	73	0
Saturday, July 2, 2016	36	95	75	0
Sunday, July 3, 2016	32	93	77	0
Monday, July 4, 2016	42	93	80	0
Tuesday, July 5, 2016	25	93	80	0

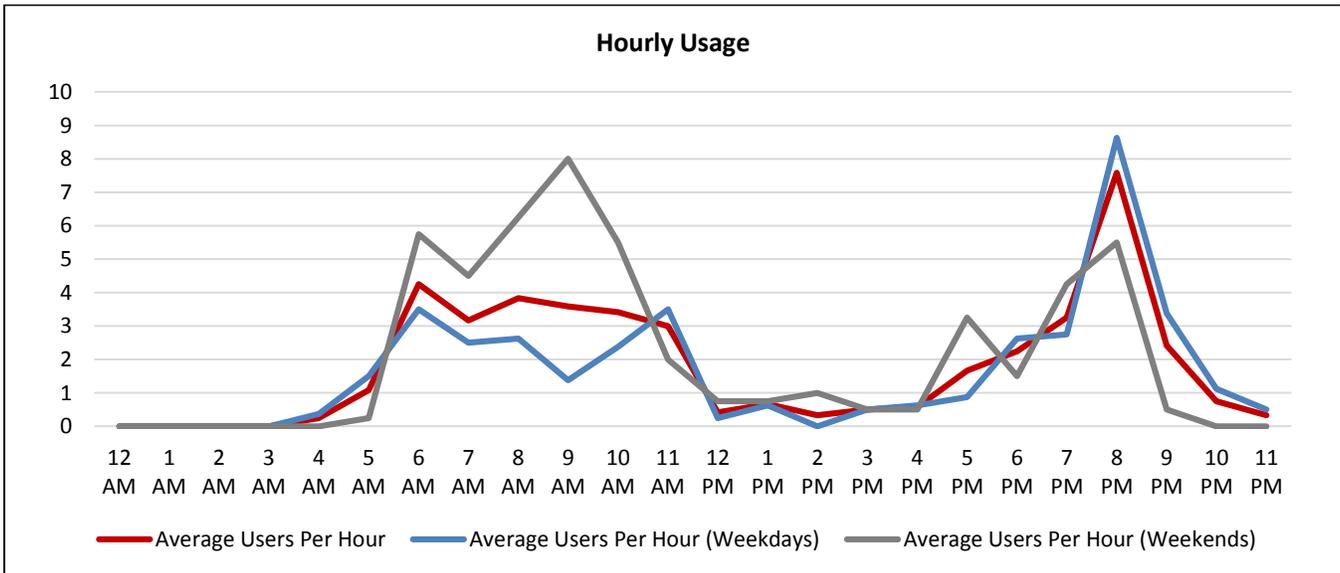
Total	520
Average Daily Usage	43
Average Daily Usage (Weekday)	40
Average Daily Usage (Weekend)	51

Notes
Holiday: Independence Day (July 4, 2016)

*Weather conditions recorded at KSGR.



Hourly Usage			
University Boulevard Eastbound at Ditch H Bridge			
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.	0.3	0.4	0.0
5:00 a.m.	1.1	1.5	0.3
6:00 a.m.	4.3	3.5	5.8
7:00 a.m.	3.2	2.5	4.5
8:00 a.m.	3.8	2.6	6.3
9:00 a.m.	3.6	1.4	8.0
10:00 a.m.	3.4	2.4	5.5
11:00 a.m.	3.0	3.5	2.0
12:00 p.m.	0.4	0.3	0.8
1:00 p.m.	0.7	0.6	0.8
2:00 p.m.	0.3	0.0	1.0
3:00 p.m.	0.5	0.5	0.5
4:00 p.m.	0.6	0.6	0.5
5:00 p.m.	1.7	0.9	3.3
6:00 p.m.	2.3	2.6	1.5
7:00 p.m.	3.3	2.8	4.3
8:00 p.m.	7.6	8.6	5.5
9:00 p.m.	2.4	3.4	0.5
10:00 p.m.	0.8	1.1	0.0
11:00 p.m.	0.3	0.5	0.0



Participants

City of Sugar Land
www.sugarlandtx.gov

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

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