

HOUSTON-GALVESTON AREA COUNCIL



Temporary Pedestrian/Bicycle Counters Data Summary

Deployment Summary	
Sponsoring Agency	City of Pearland
Deployment Period	Thursday, June 9, 2016 – Monday, June 20, 2016
Number of Counters Deployed	11
Facility Description	Sidewalks and Shared-Use Paths along the Magnolia Road Corridor
Locations Deployed (Houston-Galveston Area Council)	
Counter H1	Magnolia Road Westbound at Dryberry Drive
Counter H2	Magnolia Road Eastbound at Dryberry Drive
Counter H3	Mary's Creek Trail Bridge
Counter H4	Trail at John Hargrove Environmental Complex (JHEC): Harkey Road Connection
Counter H6	Trail at John Hargrove Environmental Complex (JHEC): Magnolia Road Connection
Counter H7	West Oaks/West Oaks Village Pedestrian/Bicycle Bridge
Locations Deployed (Texas Transportation Institute)	
Counter T1	Magnolia Road Westbound at McLean Road
Counter T2	Magnolia Road Eastbound at McLean Road
Counter T3	Magnolia Road Westbound at Pearland Parkway
Counter T4	Magnolia Road Eastbound at Pearland Parkway
Counter T5	Mary's Creek Trail at Aaron Pasternak Park

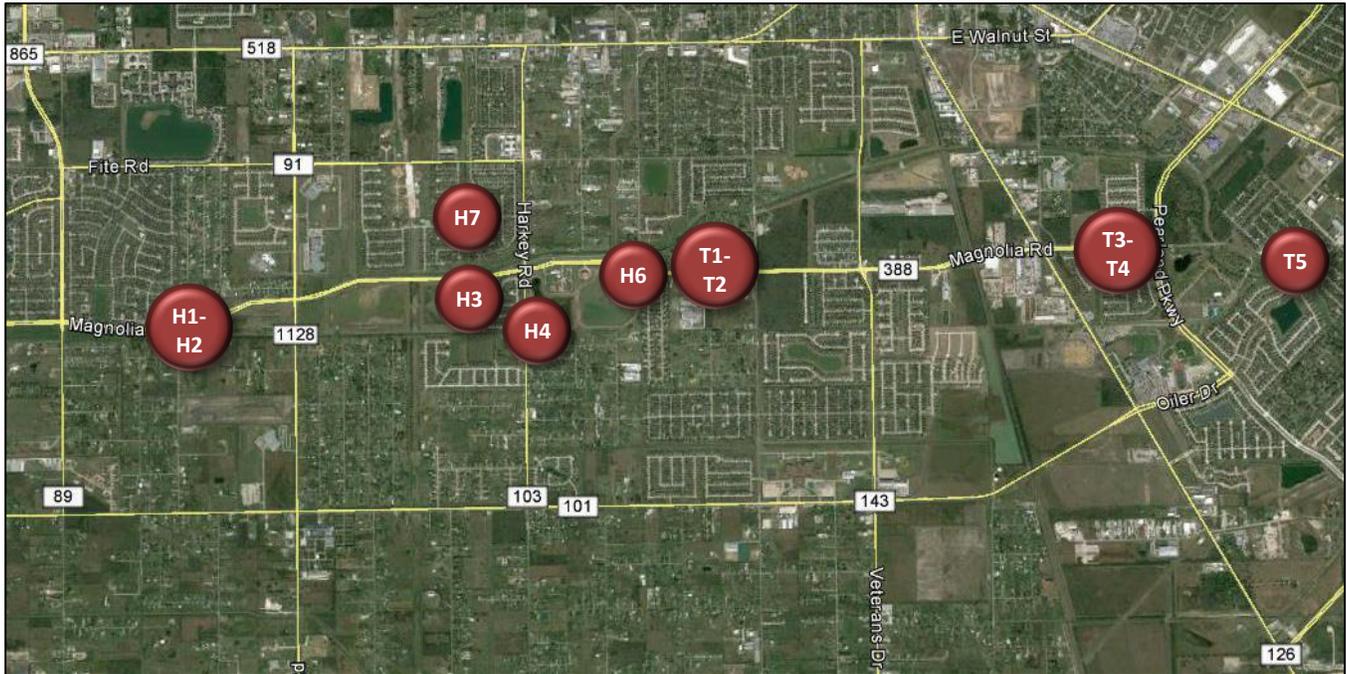
About the Temporary Pedestrian/Bicycle Counters

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 along Magnolia Road Corridor



Counter	Location	Total Users	Average Daily Usage
H1	Magnolia Road Westbound at Dryberry Drive	N/A	N/A
H2	Magnolia Road Eastbound at Dryberry Drive	N/A	N/A
H3	Mary's Creek Trail Bridge	342	29
H4	Trail at John Hargrove Environmental Complex: Harkey Road Connection	193	16
H6	Trail at John Hargrove Environmental Complex: Magnolia Road Connection	N/A	N/A
H7	West Oaks/West Oaks Village Pedestrian/Bicycle Bridge	568	47
T1	Magnolia Road Westbound at McLean Road	N/A	N/A
T2	Magnolia Road Eastbound at McLean Road	N/A	N/A
T3	Magnolia Road Westbound at Pearland Parkway	106	9
T4	Magnolia Road Eastbound at Pearland Parkway	119	10
T5	Mary's Creek Trail at Aaron Pasternak Park	623	52

Notes

Counter H1 malfunctioned and did not collect data during the deployment period.

Counter H2 malfunctioned and did not collect data during the deployment period.

Counter H5 was not used during this deployment.

Counter H6 malfunctioned and did not collect data during the deployment period.

Counter T1 malfunctioned and did not accurately collect data during the deployment period.

Counter T2 malfunctioned and did not collect data during the deployment period.

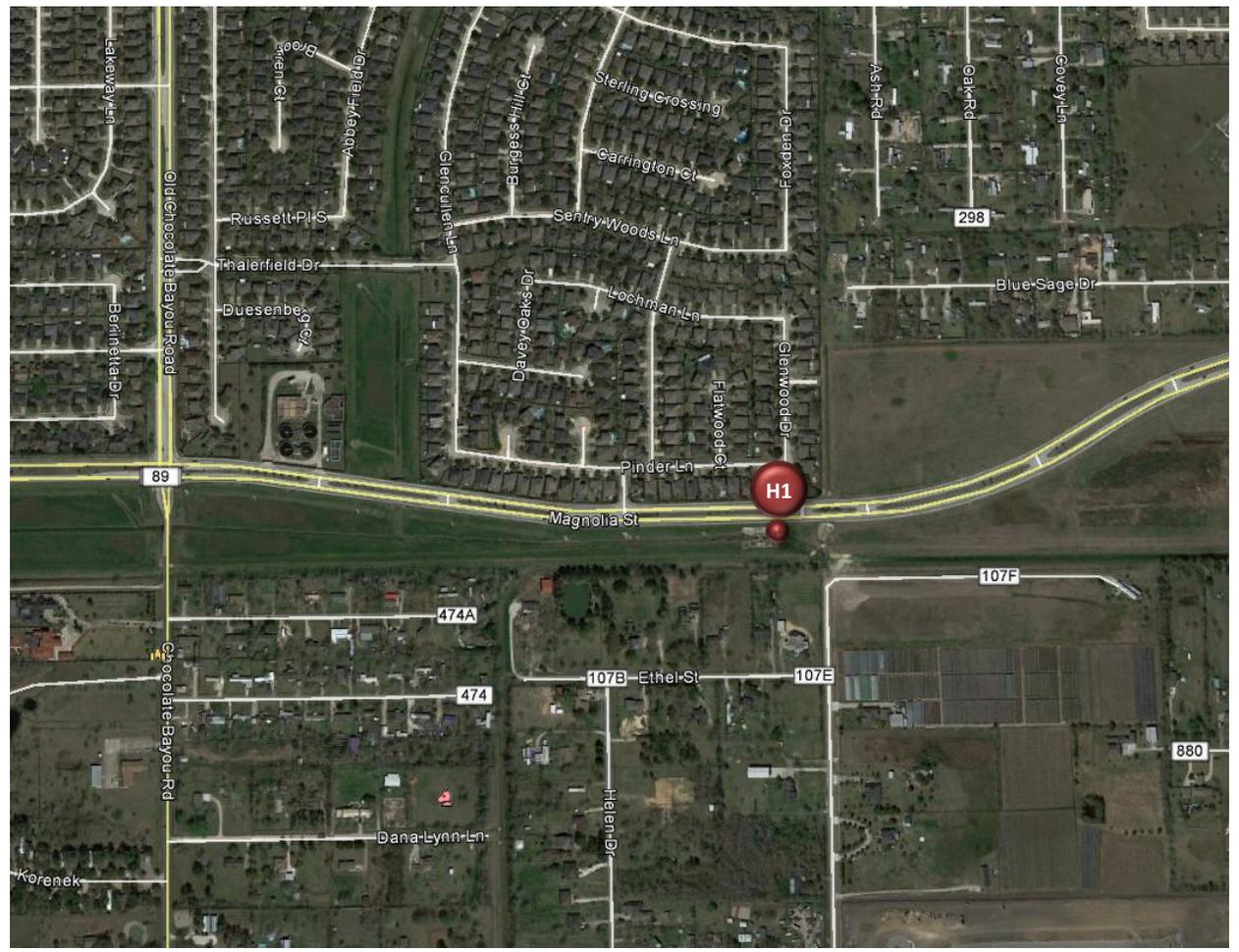
Counter H1

Magnolia Road Westbound at Dryberry Drive

Location Information		
Location Name	Magnolia Road Westbound at Dryberry Drive	
Location Description	Sidewalk along Magnolia Road Westbound East of Dryberry Drive	
Jurisdiction	City of Pearland	
Agency Deployed	City of Pearland	
GPS Coordinates	29°32'30.51"N, 95°20'24.19"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Drainage Area, Single-Family Residential
	East	Vacant Land
	West	Single-Family Residential
What object was device secured to?	Light Post (#668253)	
Sidewalk Width	6'	
Buffer Width	3'	
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	Not Available	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	
Notes	Counter H1 malfunctioned and did not collect data during the deployment period.	

Trends
Counter H1 malfunctioned and did not collect data during the deployment period.

Location Information: Map



Location Information: Photos



Image 1: Sidewalk along Magnolia Road Westbound East of Dryberry Drive Facing East



Image 2: Sidewalk along Magnolia Road Westbound East of Dryberry Drive Facing West

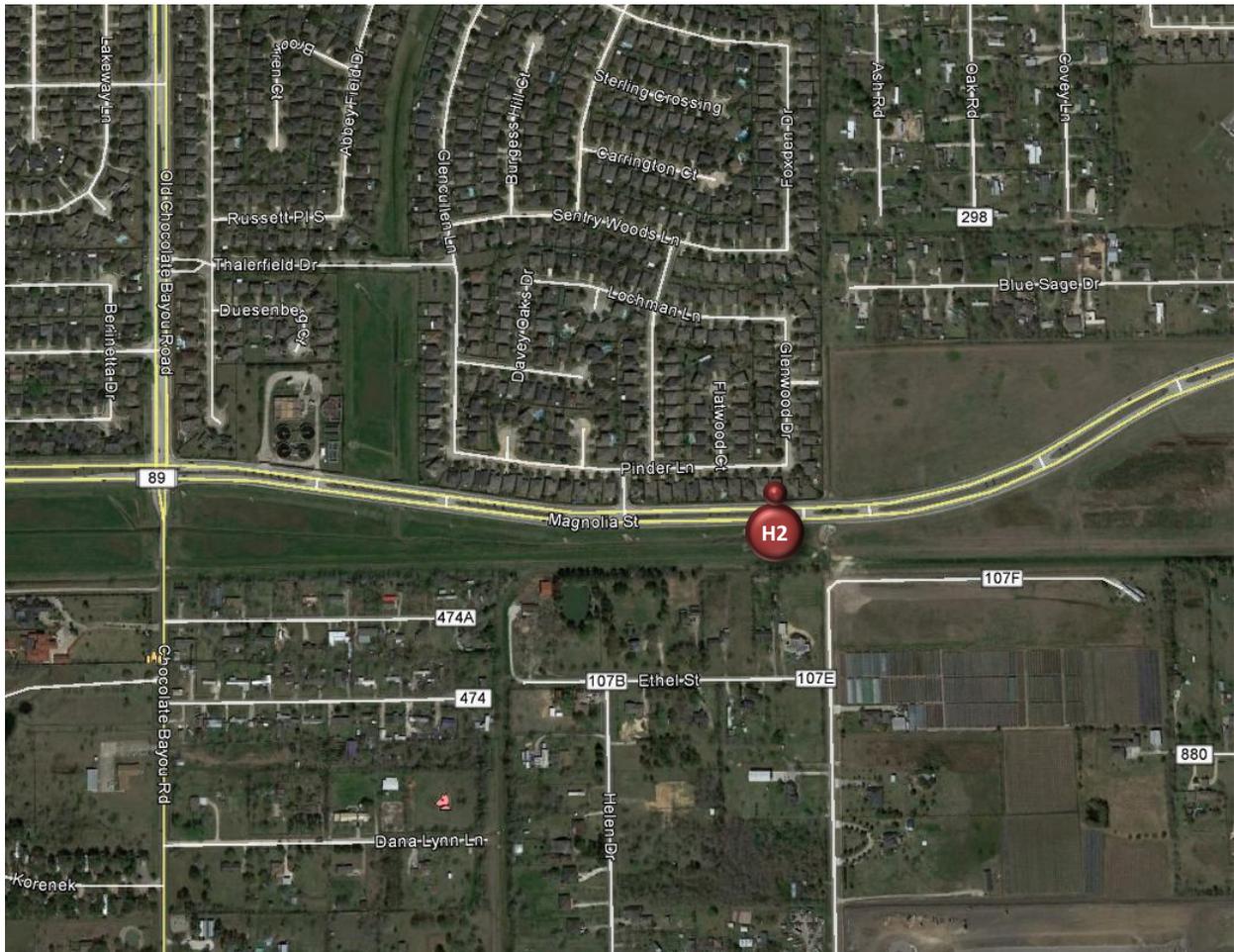
Counter H2

Magnolia Road Eastbound at Dryberry Drive

Location Information	
Location Name	Magnolia Road Eastbound at Dryberry Drive
Location Description	Sidewalk along Magnolia Road Eastbound East of Dryberry Drive
Jurisdiction	City of Pearland
Agency Deployed	City of Pearland
GPS Coordinates	29°32'29.60"N, 95°20'24.22"W
Surrounding Land Uses	North Single-Family Residential
	South Drainage Area, Single-Family Residential
	East Vacant Land
	West Single-Family Residential
What object was device secured to?	Light Post (#668254)
Sidewalk Width	6'
Buffer Width	3'
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	Not Available
Transit	No
Shade	No
Have counts been collected by H-GAC at this location before?	No
Notes	Counter H2 malfunctioned and did not collect data during the deployment period.

Trends
Counter H2 malfunctioned and did not collect data during the deployment period.

Location Information: Map



Location Information: Photos



Image 3: Sidewalk along Magnolia Road Eastbound East of Dryberry Drive Facing East



Image 4: Sidewalk along Magnolia Road Eastbound East of Dryberry Drive Facing West

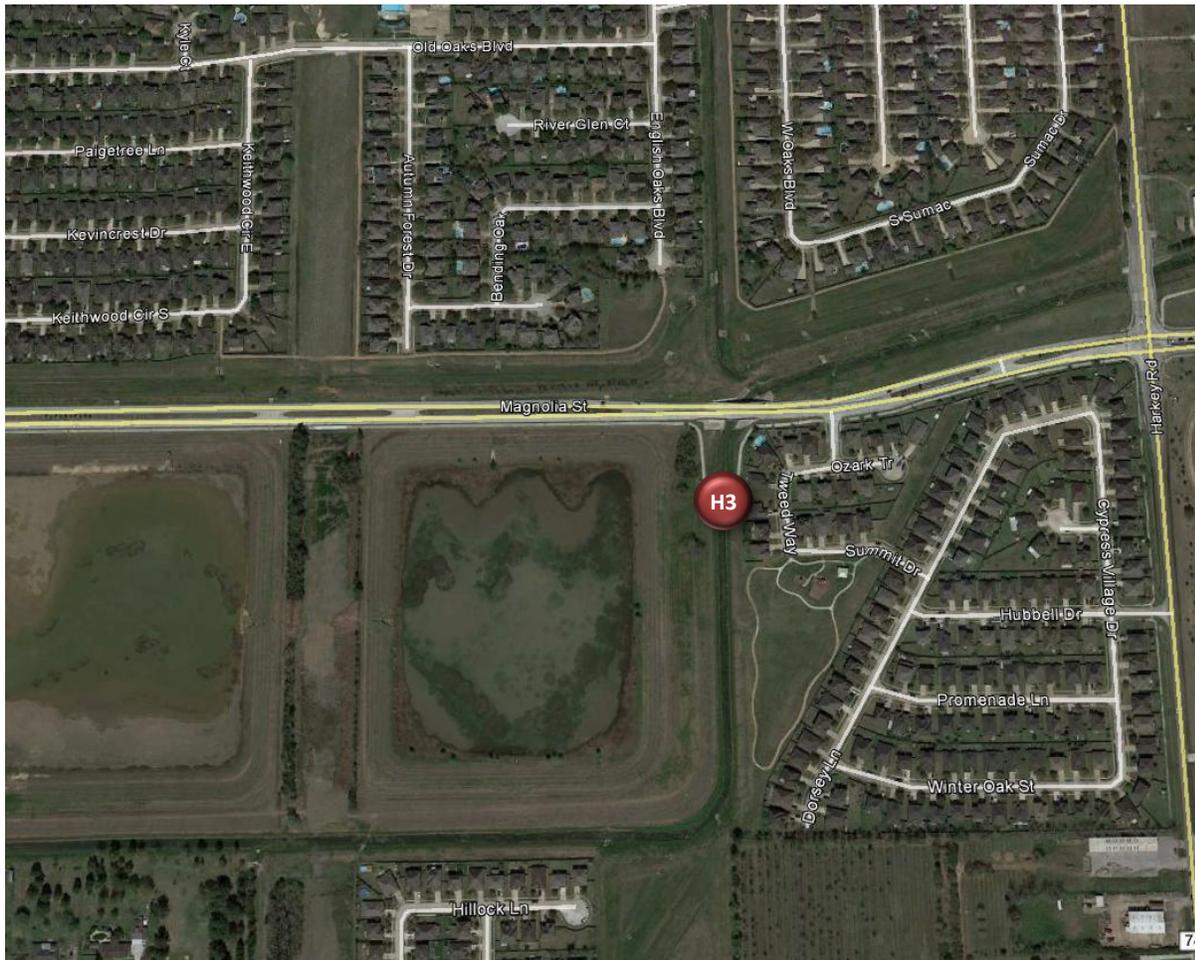
Counter H3

Mary's Creek Trail Bridge

Location Information	
Location Name	Mary's Creek Trail Bridge
Location Description	Shared-Use Path across Mary's Creek east of Tweed Way
Jurisdiction	City of Pearland
Agency Deployed	City of Pearland
GPS Coordinates	29°32'38.90"N, 95°19'6.39"W
Surrounding Land Uses	North Drainage Area, Single-Family Residential
	South Single-Family Residential, Park, Drainage Area
	East Single-Family Residential
	West Drainage Area
What object was device secured to?	Bridge Railing
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	No
Sidewalk Pavement Type	Concrete
ADA Ramps	Yes
Sidewalk Condition	Excellent
Speed Limit	N/A (Off-Road Shared-Use Path)
Street Lighting	No
Street Traffic Volume	Not Available
Transit	No
Shade	No
Have counts been collected by H-GAC at this location before?	No
Notes	At this location, the shared-use path is not adjacent to Magnolia Road, but turns away from the roadway. East and west of Counter H3, the shared-use path turns and runs parallel to Magnolia Road.

Trends
<ul style="list-style-type: none"> • Usage tends to be higher during weekends (32 users/day) than on weekdays (27 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 morning (7:00 a.m. – 8:00 a.m.).

Location Information: Map



Location Information: Photos



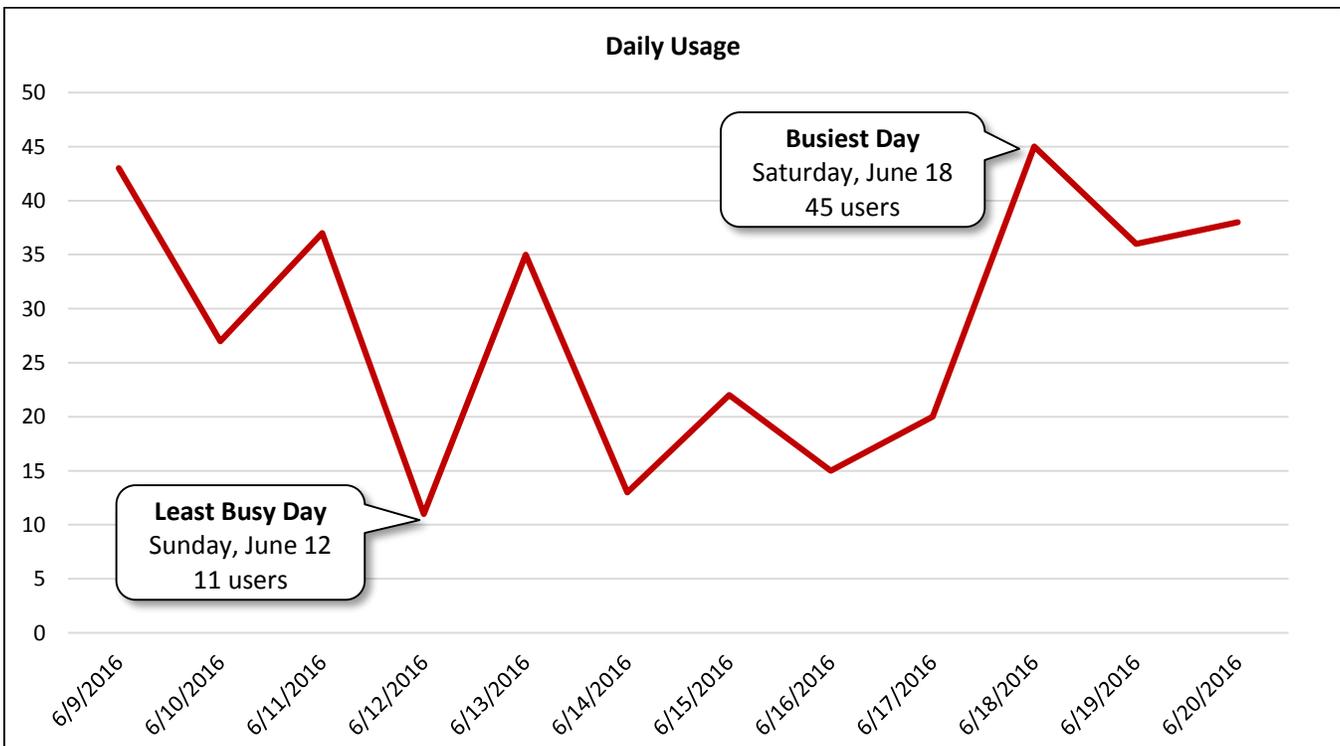
Image 5: Mary's Creek Trail Bridge Facing East



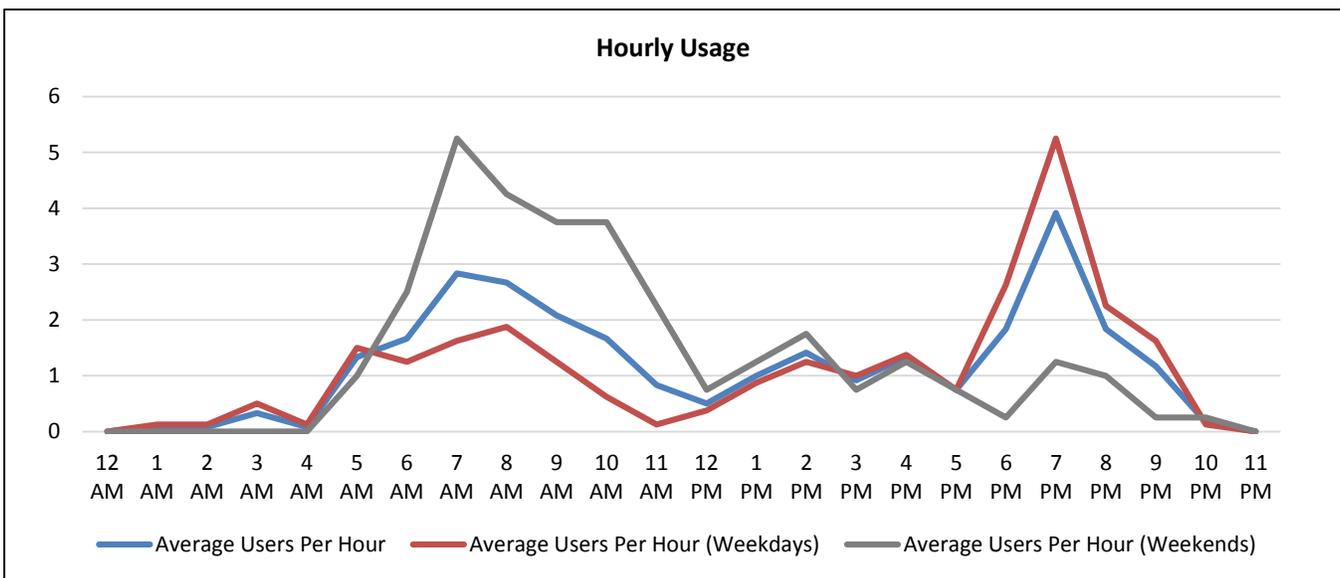
Image 6: Mary's Creek Trail Bridge Facing West

Daily Usage Mary's Creek Trail Bridge				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Thursday, June 9, 2016	43	91	75	0
Friday, June 10, 2016	27	91	75	0
Saturday, June 11, 2016	37	93	78	0
Sunday, June 12, 2016	11	89	75	0.7
Monday, June 13, 2016	35	93	79	0
Tuesday, June 14, 2016	13	93	79	0
Wednesday, June 15, 2016	22	95	81	0
Thursday, June 16, 2016	15	97	80	0
Friday, June 17, 2016	20	97	78	0
Saturday, June 18, 2016	45	99	75	0
Sunday, June 19, 2016	36	91	75	0.49
Monday, June 20, 2016	38	91	77	1.07
Total	342			
Average Daily Usage	29			
Average Daily Usage (Weekday)	27			
Average Daily Usage (Weekend)	32			

*Weather conditions recorded at KLVJ.



Hourly Usage Mary's Creek Trail 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.	0.1	0.1	0.0
2:00 a.m.	0.1	0.1	0.0
3:00 a.m.	0.3	0.5	0.0
4:00 a.m.	0.1	0.1	0.0
5:00 a.m.	1.3	1.5	1.0
6:00 a.m.	1.7	1.3	2.5
7:00 a.m.	2.8	1.6	5.3
8:00 a.m.	2.7	1.9	4.3
9:00 a.m.	2.1	1.3	3.8
10:00 a.m.	1.7	0.6	3.8
11:00 a.m.	0.8	0.1	2.3
12:00 p.m.	0.5	0.4	0.8
1:00 p.m.	1.0	0.9	1.3
2:00 p.m.	1.4	1.3	1.8
3:00 p.m.	0.9	1.0	0.8
4:00 p.m.	1.3	1.4	1.3
5:00 p.m.	0.8	0.8	0.8
6:00 p.m.	1.8	2.6	0.3
7:00 p.m.	3.9	5.3	1.3
8:00 p.m.	1.8	2.3	1.0
9:00 p.m.	1.2	1.6	0.3
10:00 p.m.	0.2	0.1	0.3
11:00 p.m.	0.0	0.0	0.0



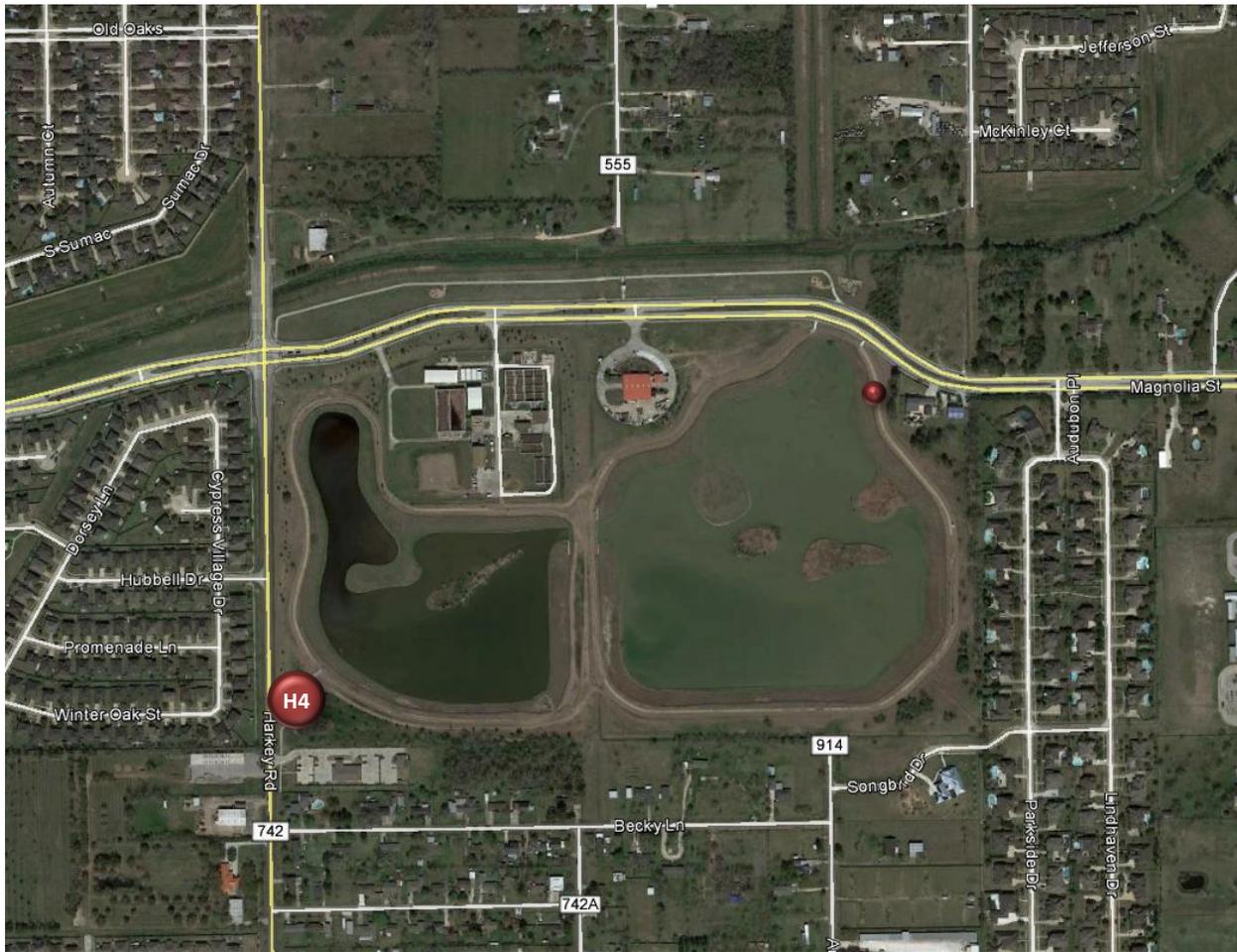
Counter H4

Trail at John Hargrove Environmental Complex (JHEC): Harkey Road Connection

Location Information		
Location Name	Trail at John Hargrove Environmental Complex (JHEC): Harkey Road Connection	
Location Description	Sidewalk connecting JHEC Trail to Harkey Road	
Jurisdiction	City of Pearland	
Agency Deployed	City of Pearland	
GPS Coordinates	29°32'30.99"N, 95°18'49.93"W	
Surrounding Land Uses	North	Park, Single-Family Residential
	South	Institutional (Church), Single-Family Residential
	East	Park
	West	Single-Family Residential
What object was device secured to?	Sign (No Parking on Grass + No Boating, Swimming, or Wading)	
Sidewalk Width	6'	
Buffer Width	N/A (Sidewalk Not Parallel to Roadway)	
Street Width	N/A (Sidewalk Not Parallel to Roadway)	
Parallel Parking	N/A (Sidewalk Not Parallel to Roadway)	
Landscaping or Trees	Yes	
Sidewalk Pavement Type	Concrete	
ADA Ramps	Yes	
Sidewalk Condition	Good (Some Dirt and Tire Tracks on Sidewalk)	
Speed Limit	N/A (Sidewalk Not Parallel to Roadway)	
Street Lighting	No	
Street Traffic Volume	Not Available	
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 (20 users/day) than during weekends (9 users/day). • On weekdays, usage is highest in the morning (8:00 a.m. – 10:00 a.m.) and late evening (8:00 p.m. – 9:00 p.m.). • During weekends, usage is highest in the evening (7:00 p.m. – 8:00 p.m.).

Location Information: Map



Location Information: Photos



Image 7: JHEC Trail – Harkey Road Connection Facing Northeast



Image 8: JHEC Trail – Harkey Road Connection Facing Southwest

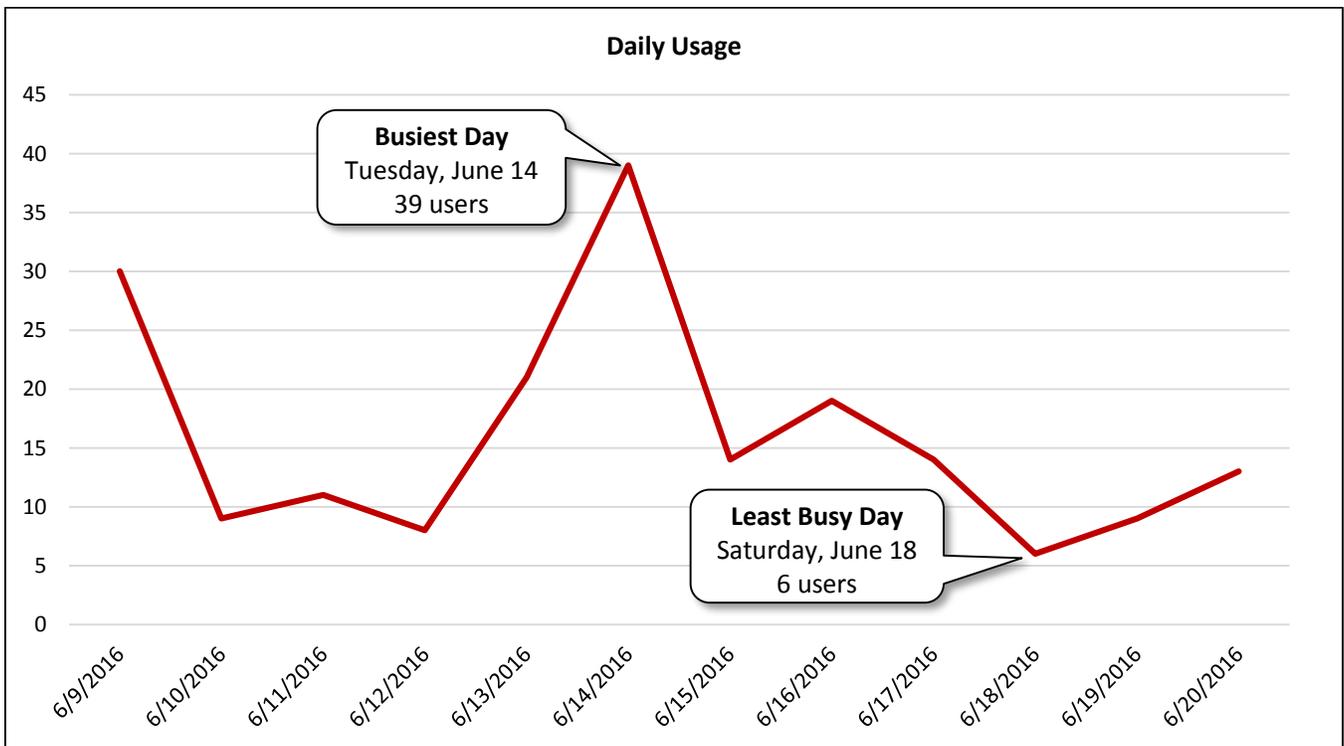
Daily Usage

Trail at John Hargrove Environmental Complex (JHEC): Harkey Road Connection

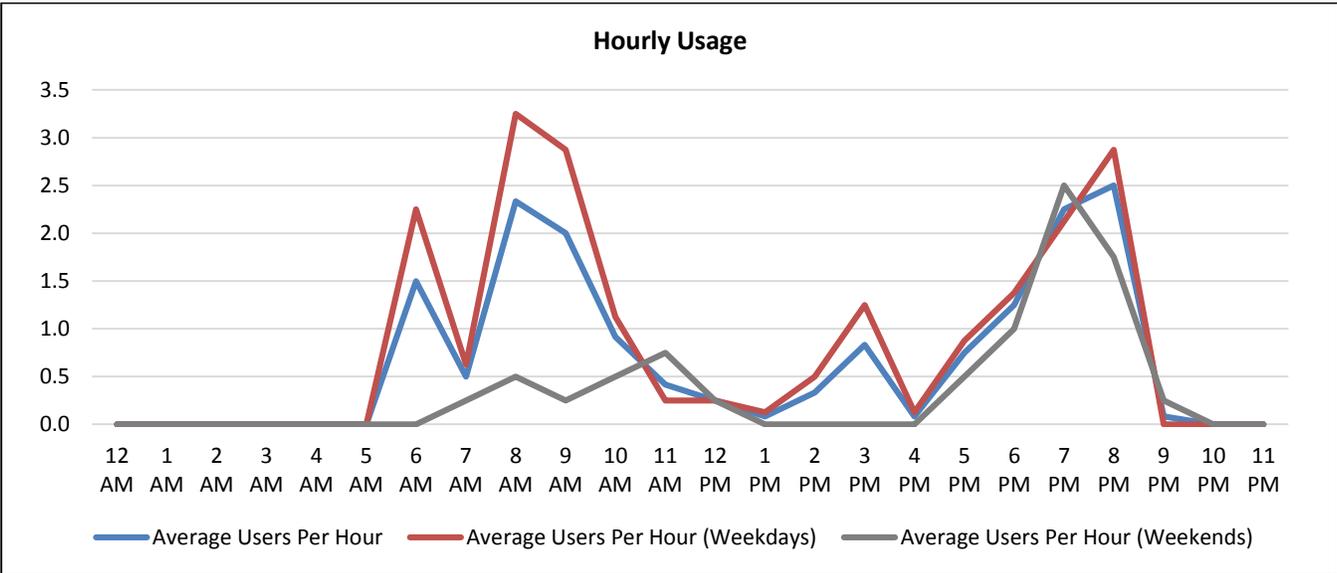
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Thursday, June 9, 2016	30	91	75	0
Friday, June 10, 2016	9	91	75	0
Saturday, June 11, 2016	11	93	78	0
Sunday, June 12, 2016	8	89	75	0.7
Monday, June 13, 2016	21	93	79	0
Tuesday, June 14, 2016	39	93	79	0
Wednesday, June 15, 2016	14	95	81	0
Thursday, June 16, 2016	19	97	80	0
Friday, June 17, 2016	14	97	78	0
Saturday, June 18, 2016	6	99	75	0
Sunday, June 19, 2016	9	91	75	0.49
Monday, June 20, 2016	13	91	77	1.07

Total	193
Average Daily Usage	16
Average Daily Usage (Weekday)	20
Average Daily Usage (Weekend)	9

*Weather conditions recorded at KLVJ.



Hourly Usage			
Trail at John Hargrove Environmental Complex (JHEC): Harkey Road Connection			
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.	1.5	2.3	0.0
7:00 a.m.	0.5	0.6	0.3
8:00 a.m.	2.3	3.3	0.5
9:00 a.m.	2.0	2.9	0.3
10:00 a.m.	0.9	1.1	0.5
11:00 a.m.	0.4	0.3	0.8
12:00 p.m.	0.3	0.3	0.3
1:00 p.m.	0.1	0.1	0.0
2:00 p.m.	0.3	0.5	0.0
3:00 p.m.	0.8	1.3	0.0
4:00 p.m.	0.1	0.1	0.0
5:00 p.m.	0.8	0.9	0.5
6:00 p.m.	1.3	1.4	1.0
7:00 p.m.	2.3	2.1	2.5
8:00 p.m.	2.5	2.9	1.8
9:00 p.m.	0.1	0.0	0.3
10:00 p.m.	0.0	0.0	0.0
11:00 p.m.	0.0	0.0	0.0



Counter H6

Trail at John Hargrove Environmental Complex (JHEC): Magnolia Road Connection

Location Information	
Location Name	Trail at John Hargrove Environmental Complex (JHEC): Magnolia Road Connection
Location Description	Shared-Use Path (JHEC Trail) near Magnolia Road on east side of JHEC
Jurisdiction	City of Pearland
Agency Deployed	City of Pearland
GPS Coordinates	29°32'41.22"N, 95°18'25.65"W
Surrounding Land Uses	North Park
	South Park
	East Single-Family Residential
	West Park
What object was device secured to?	Sign (No Parking on Grass + No Boating, Swimming, or Wading)
Sidewalk Width	8.5'
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	Decomposed Granite
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	Counter H6 malfunctioned and did not collect data during the deployment period.

Trends
Counter H6 malfunctioned and did not collect data during the deployment period.

Location Information: Map



Location Information: Photos



Image 9: Shared-Use Path (JHEC Trail) near Magnolia Road Facing North



Image 10: Shared-Use Path (JHEC Trail) near Magnolia Road Facing South

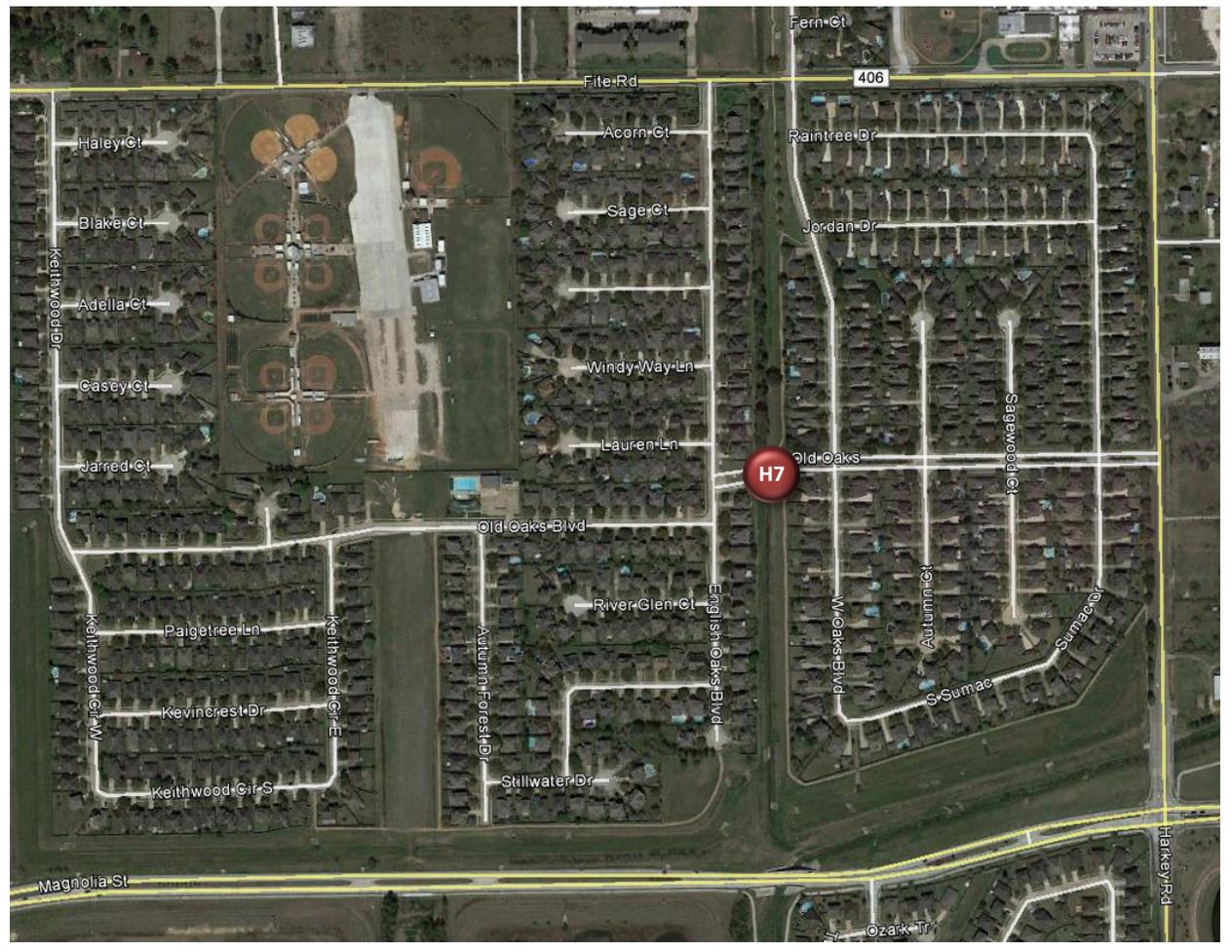
Counter H7

West Oaks/West Oaks Village Pedestrian/Bicycle Bridge

Location Information		
Location Name	West Oaks/West Oaks Village Pedestrian/Bicycle Bridge	
Location Description	Pedestrian/Bicycle Bridge connecting West Oaks and West Oaks Village at Old Oaks Boulevard	
Jurisdiction	City of Pearland	
Agency Deployed	City of Pearland	
GPS Coordinates	29°32'54.64"N, 95°19'6.49"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Single-Family Residential
	East	Single-Family Residential
	West	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	This wooden pedestrian/bicycle bridge is 6' wide. On its eastern end, it connects to an 8' gravel shared-use path (poor condition) and a 4' concrete sidewalk (good condition). On its western end, it connects to a 4' concrete sidewalk (good condition).	

Trends
<ul style="list-style-type: none"> Usage tends to be higher on weekdays (52 users/hour) than during weekends (38 users/day). On weekdays and during weekends, usage is highest in the evening (7:00 p.m. – 8:00 p.m.).

Location Information: Map



Location Information: Photos



Image 13: West Oaks/West Oaks Village Pedestrian/Bicycle Bridge Facing East

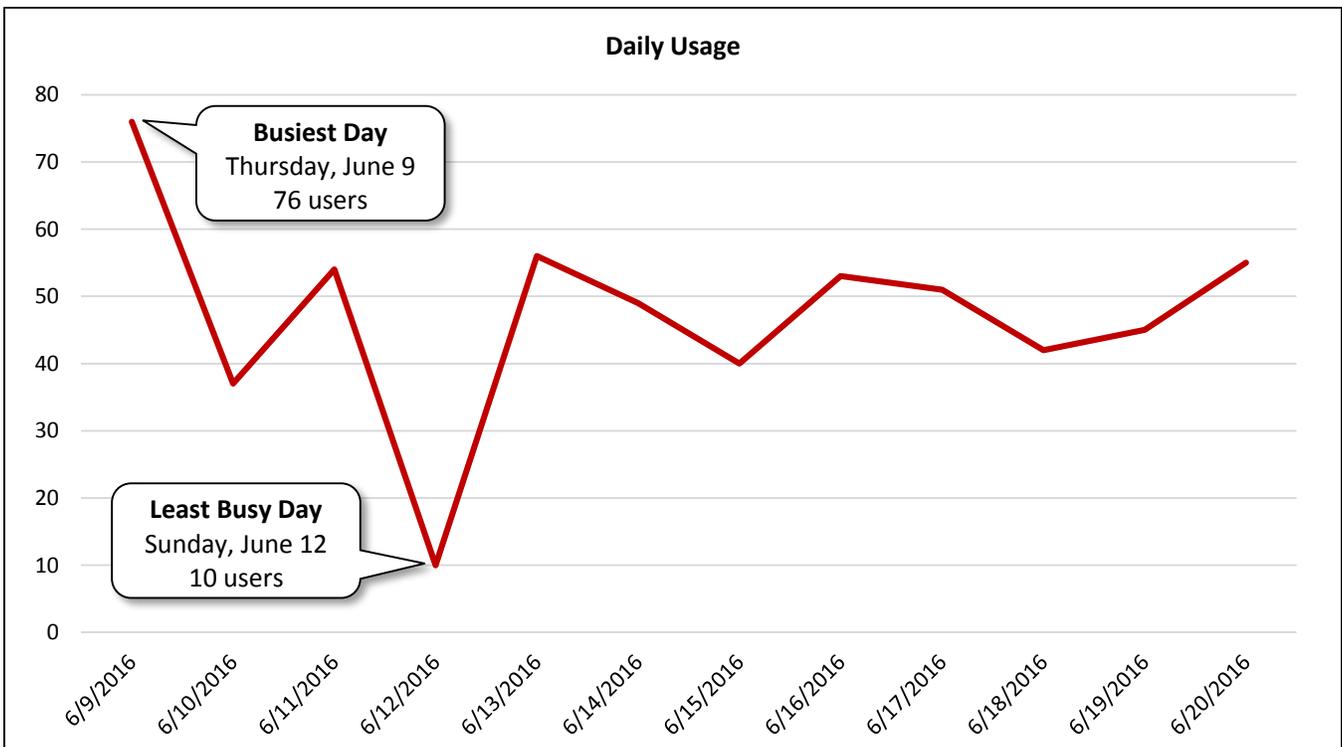


Image 14: West Oaks/West Oaks Village Pedestrian/Bicycle Bridge Facing West

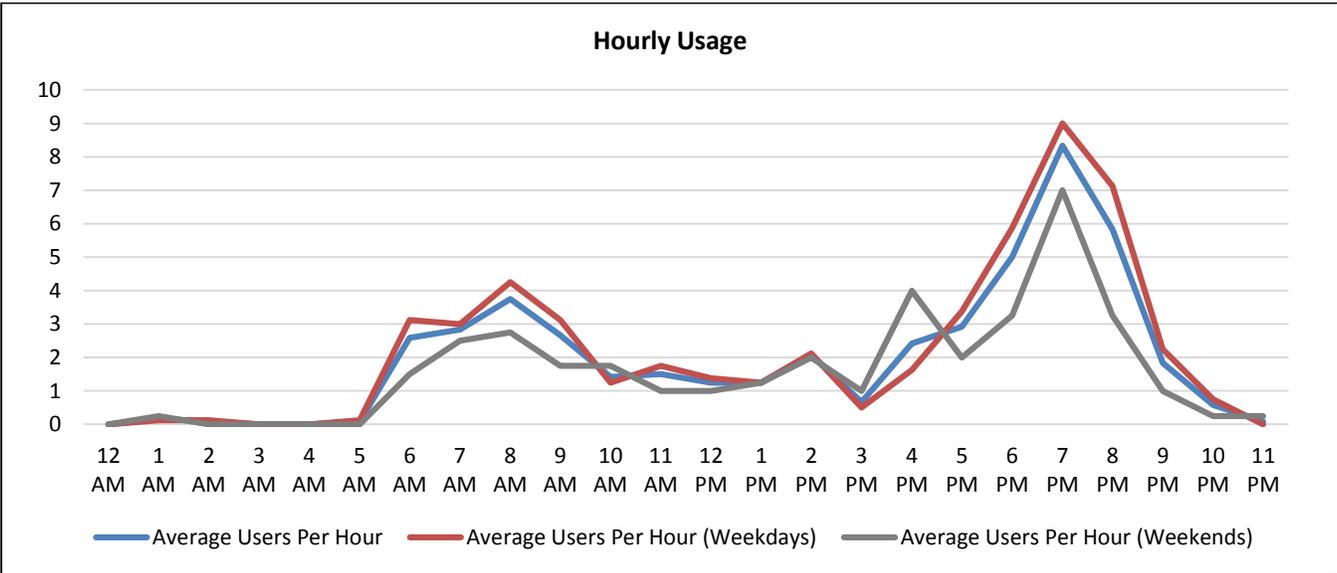
Daily Usage West Oaks/West Oaks Village Pedestrian/Bicycle Bridge				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Thursday, June 9, 2016	76	91	75	0
Friday, June 10, 2016	37	91	75	0
Saturday, June 11, 2016	54	93	78	0
Sunday, June 12, 2016	10	89	75	0.7
Monday, June 13, 2016	56	93	79	0
Tuesday, June 14, 2016	49	93	79	0
Wednesday, June 15, 2016	40	95	81	0
Thursday, June 16, 2016	53	97	80	0
Friday, June 17, 2016	51	97	78	0
Saturday, June 18, 2016	42	99	75	0
Sunday, June 19, 2016	45	91	75	0.49
Monday, June 20, 2016	55	91	77	1.07

Total	568
Average Daily Usage	47
Average Daily Usage (Weekday)	52
Average Daily Usage (Weekend)	38

*Weather conditions recorded at KLVJ.



Hourly Usage			
West Oaks/West Oaks Village Pedestrian/Bicycle 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.	0.2	0.1	0.3
2:00 a.m.	0.1	0.1	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.	0.1	0.1	0.0
6:00 a.m.	2.6	3.1	1.5
7:00 a.m.	2.8	3.0	2.5
8:00 a.m.	3.8	4.3	2.8
9:00 a.m.	2.7	3.1	1.8
10:00 a.m.	1.4	1.3	1.8
11:00 a.m.	1.5	1.8	1.0
12:00 p.m.	1.3	1.4	1.0
1:00 p.m.	1.3	1.3	1.3
2:00 p.m.	2.1	2.1	2.0
3:00 p.m.	0.7	0.5	1.0
4:00 p.m.	2.4	1.6	4.0
5:00 p.m.	2.9	3.4	2.0
6:00 p.m.	5.0	5.9	3.3
7:00 p.m.	8.3	9.0	7.0
8:00 p.m.	5.8	7.1	3.3
9:00 p.m.	1.8	2.3	1.0
10:00 p.m.	0.6	0.8	0.3
11:00 p.m.	0.1	0.0	0.3



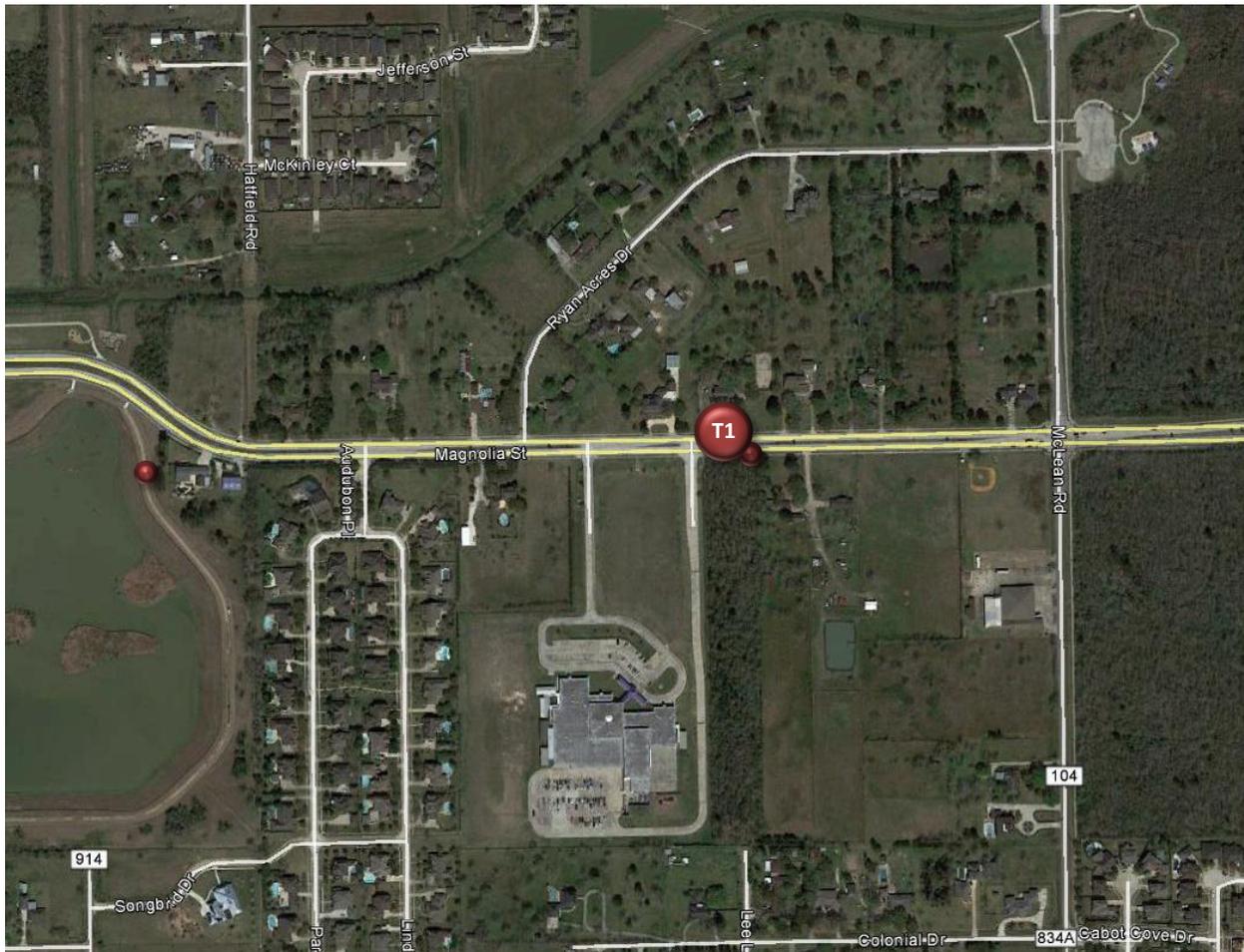
Counter T1

Magnolia Road Westbound at McLean Road

Location Information		
Location Name	Magnolia Road Westbound at McLean Road	
Location Description	Sidewalk along Magnolia Road Westbound west of McLean Road	
Jurisdiction	City of Pearland	
Agency Deployed	City of Pearland	
GPS Coordinates	29°32'43.16"N, 95°18'3.98"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Vacant Land
	East	Single-Family Residential, Vacant Land
	West	Single-Family Residential, Magnolia Elementary School
What object was device secured to?	Light Post (#652634)	
Sidewalk Width	6'	
Buffer Width	4'	
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	Not Available	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	
Notes	<p>Counter T1 malfunctioned and did not accurately collect data during the deployment period.</p> <p>The last day of classes (2015-2016 School Year) at nearby Magnolia Elementary School was Thursday, June 2.</p>	

Trends
Counter T1 malfunctioned and did not accurately collect data during the deployment period.

Location Information: Map



Location Information: Photos



Image 15: Sidewalk along Magnolia Road Westbound at McLean Road Facing East



Image 16: Sidewalk along Magnolia Road Westbound at McLean Road Facing West

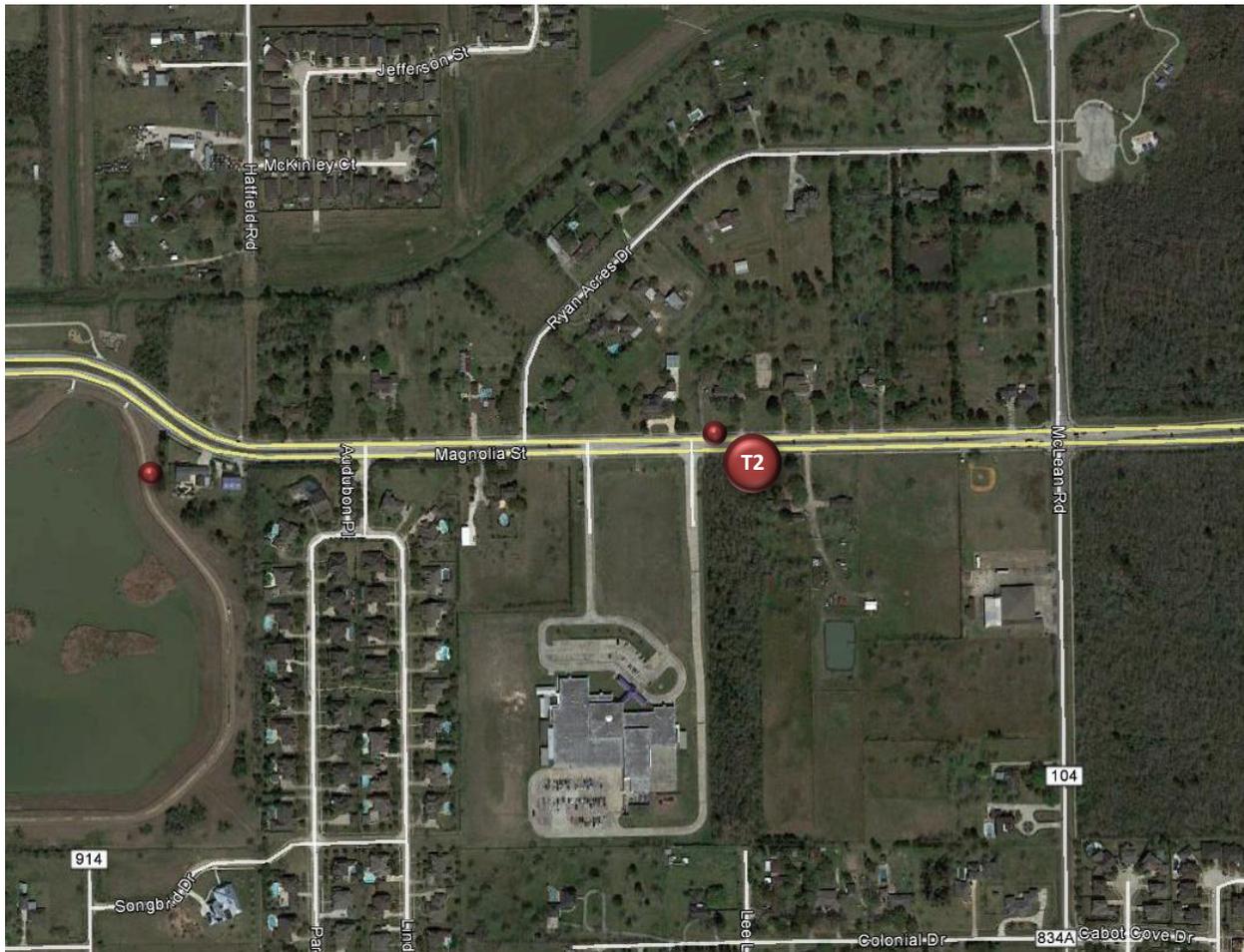
Counter T2

Magnolia Road Eastbound at McLean Road

Location Information		
Location Name	Magnolia Road Eastbound at McLean Road	
Location Description	Sidewalk along Magnolia Road Eastbound west of McLean Road	
Jurisdiction	City of Pearland	
Agency Deployed	City of Pearland	
GPS Coordinates	29°32'43.16"N, 95°18'3.98"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Vacant Land
	East	Single-Family Residential, Vacant Land
	West	Single-Family Residential, Magnolia Elementary School
What object was device secured to?	Sign Post (Speed Limit + End School Zone)	
Sidewalk Width	6'	
Buffer Width	4'	
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	Not Available	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	
Notes	Counter T2 malfunctioned and did not collect data during the deployment period. The last day of classes (2015-2016 School Year) at nearby Magnolia Elementary School was Thursday, June 2.	

Trends
Counter T2 malfunctioned and did not collect data during the deployment period.

Location Information: Map



Location Information: Photos



Image 17: Sidewalk along Magnolia Road Eastbound at McLean Road Facing East



Image 18: Sidewalk along Magnolia Road Eastbound at McLean Road Facing West

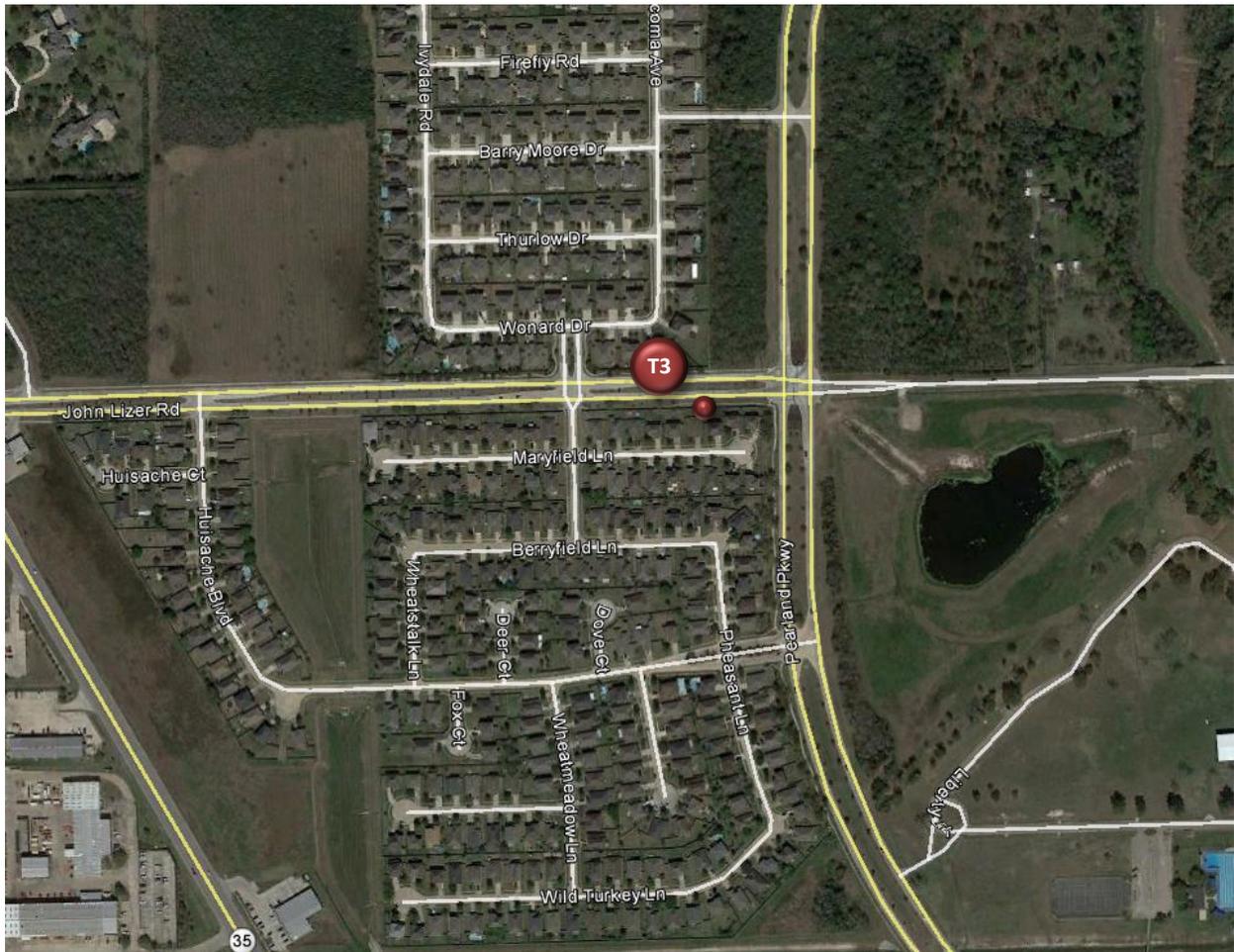
Counter T3

Magnolia Road Westbound at Pearland Parkway

Location Information		
Location Name	Magnolia Road Westbound at Pearland Parkway	
Location Description	Sidewalk along Magnolia Road Westbound west of Pearland Parkway	
Jurisdiction	City of Pearland	
Agency Deployed	City of Pearland	
GPS Coordinates	29°32'49.02"N, 95°16'11.80"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Single-Family Residential
	East	Single-Family Residential, Vacant Land
	West	Single-Family Residential
What object was device secured to?	Light Post (#663847)	
Sidewalk Width	4'	
Buffer Width	5' (Varies)	
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	40 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	Not Available	
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 (11 users/day) than during weekends (6 users/day). On weekdays, usage is highest midday (1:00 p.m. – 2:00 p.m.). This may be influenced by unusually high usage on Wednesday, June 15, when 21 people passed the counter between 1:00 p.m. – 2:00 p.m. During weekends, usage remains low throughout the day. It is highest midday (11:00 a.m. – 12:00 p.m.).

Location Information: Map



Location Information: Photos



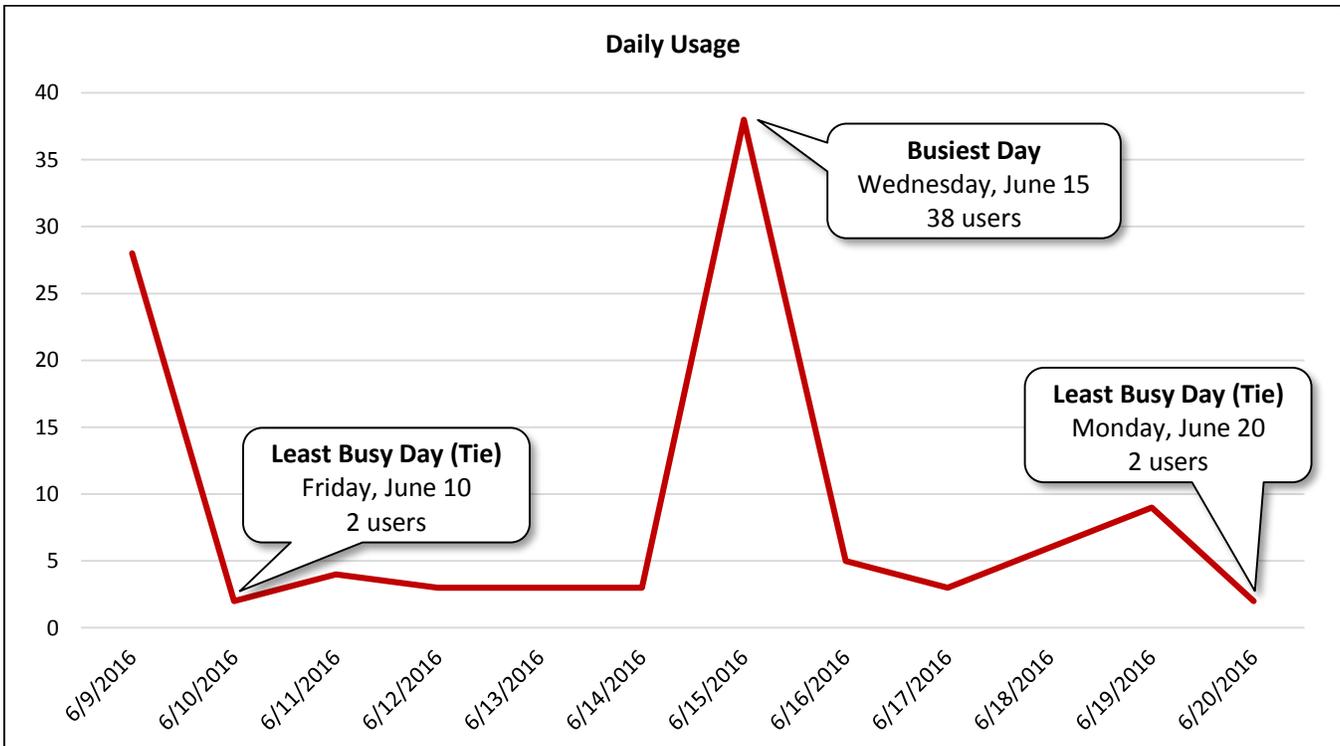
Image 19: Sidewalk along Magnolia Road Westbound at Pearl and Parkway Facing East



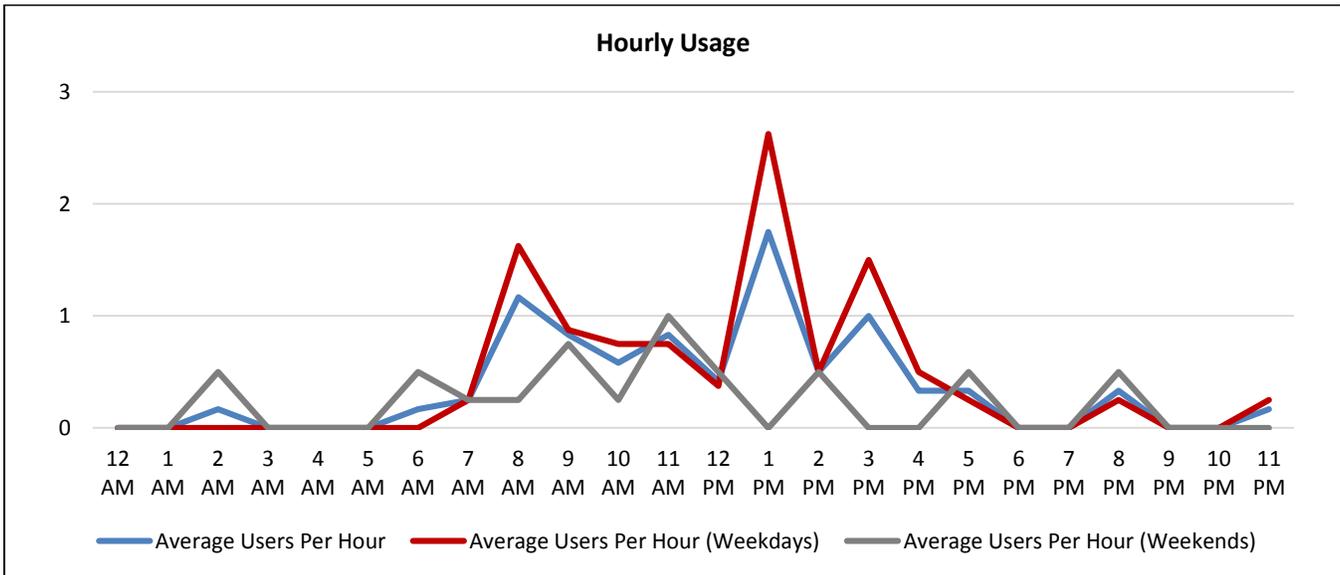
Image 20: Sidewalk along Magnolia Road Westbound at Pearl and Parkway Facing West

Daily Usage				
Magnolia Road Westbound at Pearland Parkway				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Thursday, June 9, 2016	28	91	75	0
Friday, June 10, 2016	2	91	75	0
Saturday, June 11, 2016	4	93	78	0
Sunday, June 12, 2016	3	89	75	0.7
Monday, June 13, 2016	3	93	79	0
Tuesday, June 14, 2016	3	93	79	0
Wednesday, June 15, 2016	38	95	81	0
Thursday, June 16, 2016	5	97	80	0
Friday, June 17, 2016	3	97	78	0
Saturday, June 18, 2016	6	99	75	0
Sunday, June 19, 2016	9	91	75	0.49
Monday, June 20, 2016	2	91	77	1.07
Total	106			
Average Daily Usage	9			
Average Daily Usage (Weekday)	11			
Average Daily Usage (Weekend)	6			

*Weather conditions recorded at KLVJ.



Hourly Usage			
Magnolia Road Westbound at Pearland Parkway			
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.	0.2	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.	0.0	0.0	0.0
6:00 a.m.	0.2	0.0	0.5
7:00 a.m.	0.3	0.3	0.3
8:00 a.m.	1.2	1.6	0.3
9:00 a.m.	0.8	0.9	0.8
10:00 a.m.	0.6	0.8	0.3
11:00 a.m.	0.8	0.8	1.0
12:00 p.m.	0.4	0.4	0.5
1:00 p.m.	1.8	2.6	0.0
2:00 p.m.	0.5	0.5	0.5
3:00 p.m.	1.0	1.5	0.0
4:00 p.m.	0.3	0.5	0.0
5:00 p.m.	0.3	0.3	0.5
6:00 p.m.	0.0	0.0	0.0
7:00 p.m.	0.0	0.0	0.0
8:00 p.m.	0.3	0.3	0.5
9:00 p.m.	0.0	0.0	0.0
10:00 p.m.	0.0	0.0	0.0
11:00 p.m.	0.2	0.3	0.0



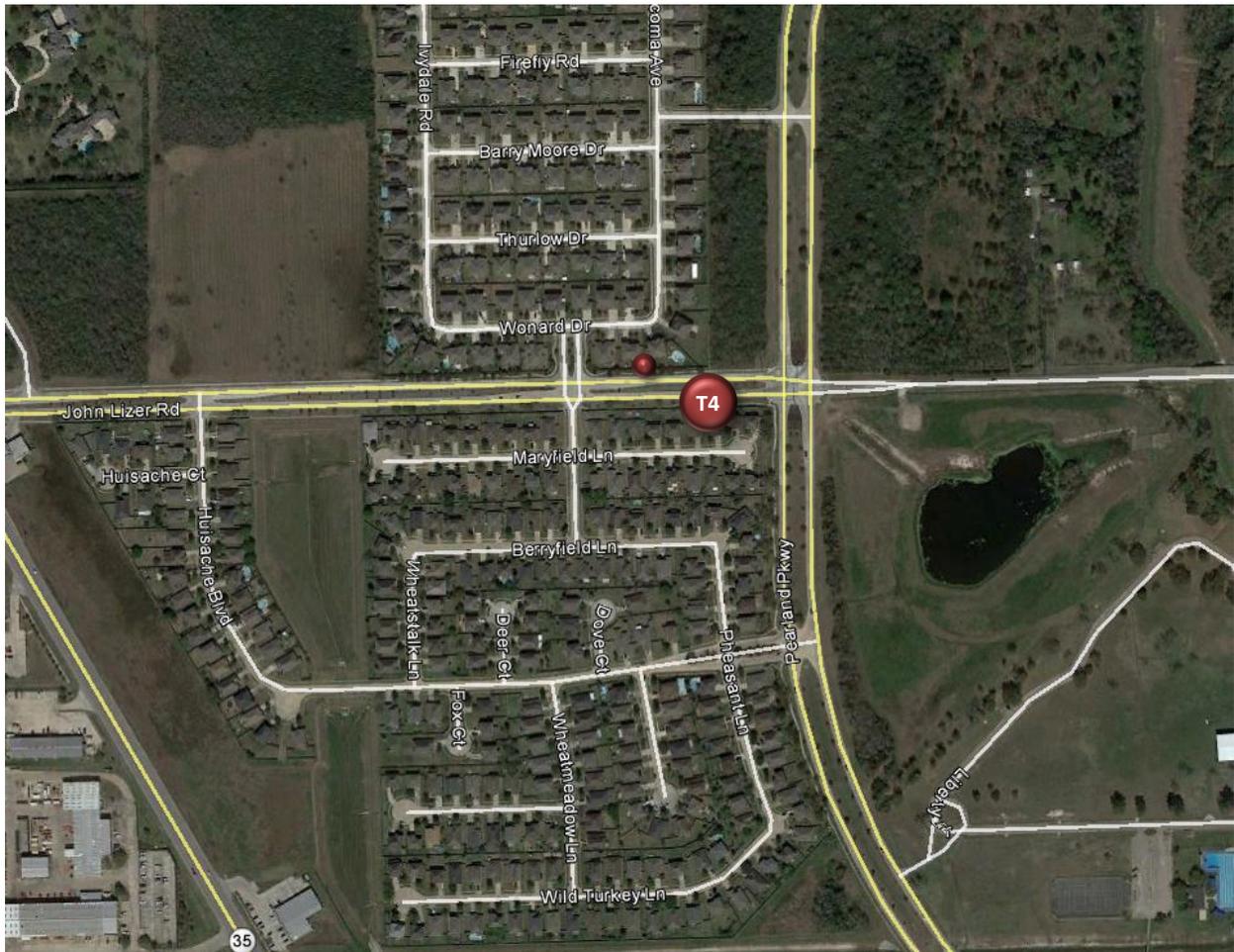
Counter T4

Magnolia Road Eastbound at Pearland Parkway

Location Information		
Location Name	Magnolia Road Eastbound at Pearland Parkway	
Location Description	Sidewalk along Magnolia Road Eastbound west of Pearland Parkway	
Jurisdiction	City of Pearland	
Agency Deployed	City of Pearland	
GPS Coordinates	29°32'48.33"N, 95°16'10.79"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Single-Family Residential
	East	Single-Family Residential, Vacant Land
	West	Single-Family Residential
What object was device secured to?	Sign Post (Signal Ahead)	
Sidewalk Width	6'	
Buffer Width	11' (Varies)	
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	40 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	Not Available	
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 (12 users/day) than during weekends (7 users/day). • On weekdays, usage is highest in the morning (8:00 a.m. – 9:00 a.m.). • During weekends, usage is highest in the early morning (6:00 a.m. – 7:00 a.m.).

Location Information: Map



Location Information: Photos



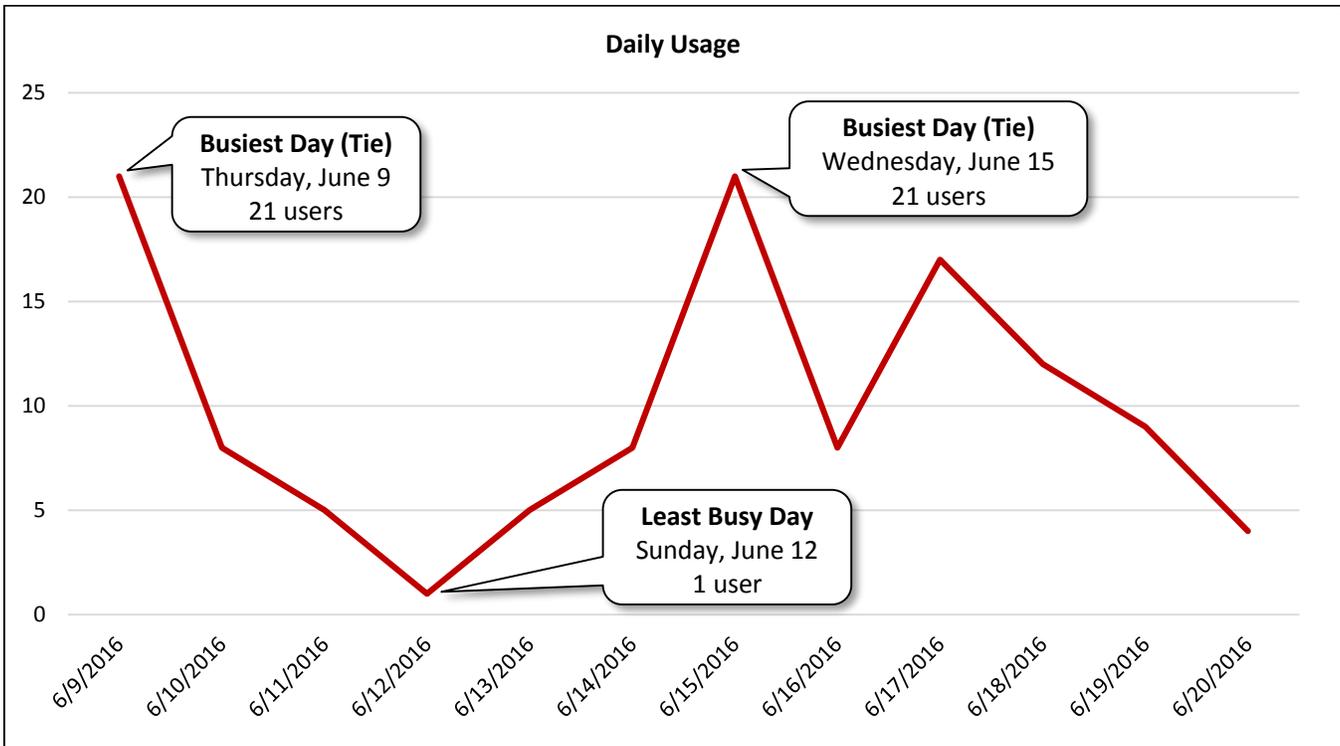
Image 21: Sidewalk along Magnolia Road Eastbound at Pearland Parkway Facing East



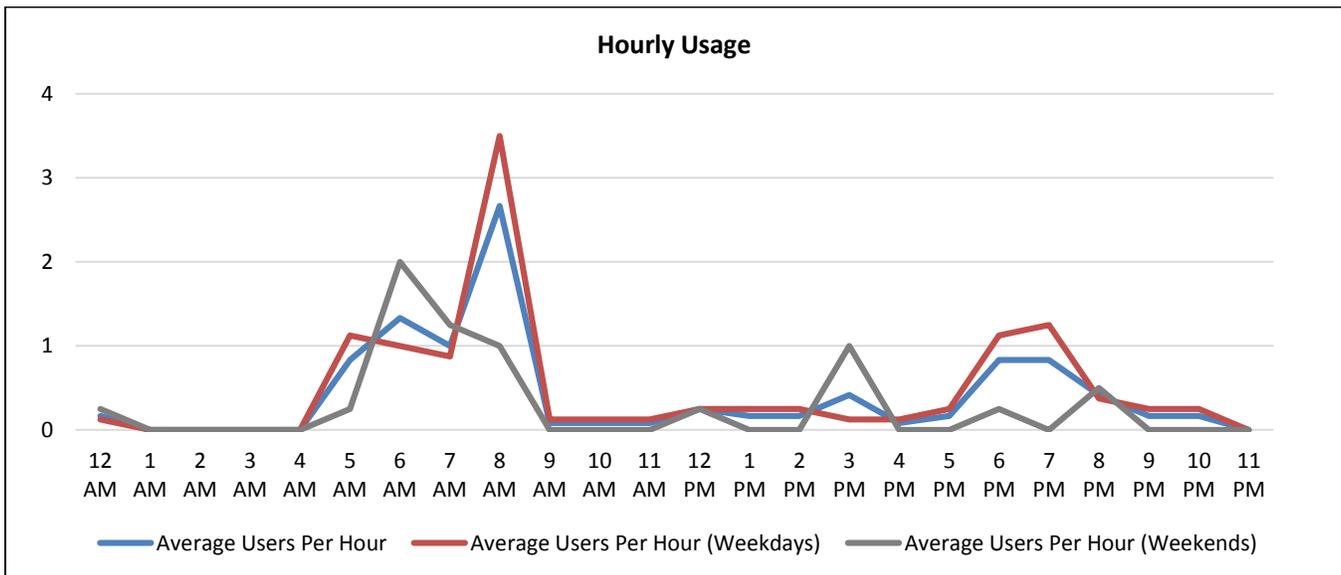
Image 22: Sidewalk along Magnolia Road Eastbound at Pearland Parkway Facing West

Daily Usage Magnolia Road Eastbound at Pearland Parkway				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Thursday, June 9, 2016	21	91	75	0
Friday, June 10, 2016	8	91	75	0
Saturday, June 11, 2016	5	93	78	0
Sunday, June 12, 2016	1	89	75	0.7
Monday, June 13, 2016	5	93	79	0
Tuesday, June 14, 2016	8	93	79	0
Wednesday, June 15, 2016	21	95	81	0
Thursday, June 16, 2016	8	97	80	0
Friday, June 17, 2016	17	97	78	0
Saturday, June 18, 2016	12	99	75	0
Sunday, June 19, 2016	9	91	75	0.49
Monday, June 20, 2016	4	91	77	1.07
Total	119			
Average Daily Usage	10			
Average Daily Usage (Weekday)	12			
Average Daily Usage (Weekend)	7			

*Weather conditions recorded at KLVJ.



Hourly Usage			
Magnolia Road Eastbound at Pearland Parkway			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.2	0.1	0.3
1:00 a.m.	0.0	0.0	0.0
2:00 a.m.	0.0	0.0	0.0
3:00 a.m.	0.0	0.0	0.0
4:00 a.m.	0.0	0.0	0.0
5:00 a.m.	0.8	1.1	0.3
6:00 a.m.	1.3	1.0	2.0
7:00 a.m.	1.0	0.9	1.3
8:00 a.m.	2.7	3.5	1.0
9:00 a.m.	0.1	0.1	0.0
10:00 a.m.	0.1	0.1	0.0
11:00 a.m.	0.1	0.1	0.0
12:00 p.m.	0.3	0.3	0.3
1:00 p.m.	0.2	0.3	0.0
2:00 p.m.	0.2	0.3	0.0
3:00 p.m.	0.4	0.1	1.0
4:00 p.m.	0.1	0.1	0.0
5:00 p.m.	0.2	0.3	0.0
6:00 p.m.	0.8	1.1	0.3
7:00 p.m.	0.8	1.3	0.0
8:00 p.m.	0.4	0.4	0.5
9:00 p.m.	0.2	0.3	0.0
10:00 p.m.	0.2	0.3	0.0
11:00 p.m.	0.0	0.0	0.0



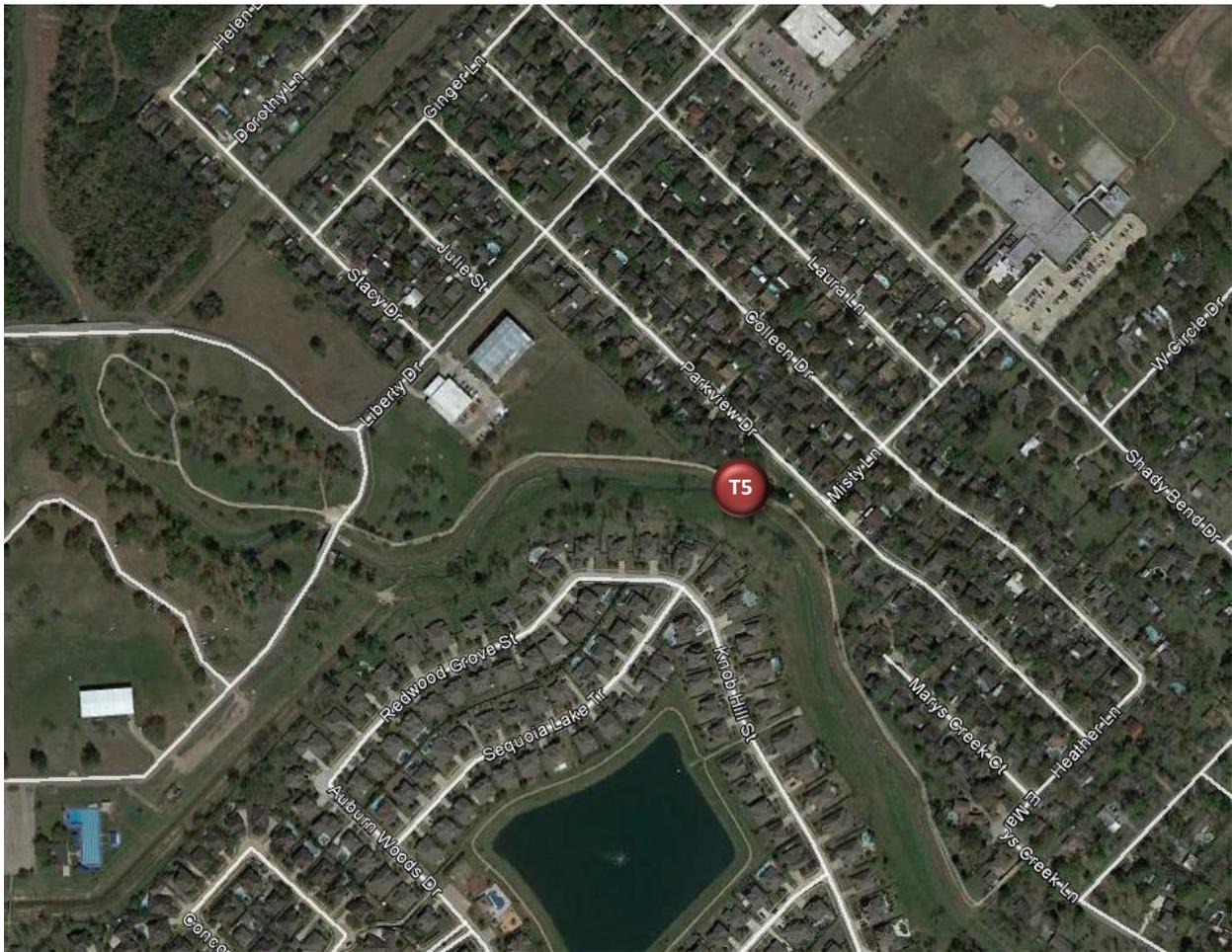
Counter T5

Mary's Creek Trail at Aaron Pasternak Park

Location Information		
Location Name	Mary's Creek Trail at Aaron Pasternak Park	
Location Description	Shared-Use Path along Mary's Creek at Aaron Pasternak Park	
Jurisdiction	City of Pearland	
Agency Deployed	City of Pearland	
GPS Coordinates	29°32'44.59"N, 95°15'30.08"W	
Surrounding Land Uses	North	Single-Family Residential, Shadycrest Elementary School
	South	Mary's Creek, Single-Family Residential
	East	Single-Family Residential
	West	Single-Family Residential, Vacant Land, Institutional
What object was device secured to?	Sign Post (Motor Vehicles Prohibited on Trail)	
Sidewalk Width	8.5'	
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	Decomposed Granite	
ADA Ramps	No	
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	

Trends
<ul style="list-style-type: none"> • Usage tends to be higher on weekdays (60 users/day) than during weekends (36 users/day). • On weekdays, usage is highest in the evening (6:00 p.m. – 8:00 p.m.). Usage is also high in the morning (9:00 a.m. – 10:00 a.m.). • During weekends, usage is highest in the morning (9:00 a.m. – 10:00 a.m.).

Location Information: Map



Location Information: Photos



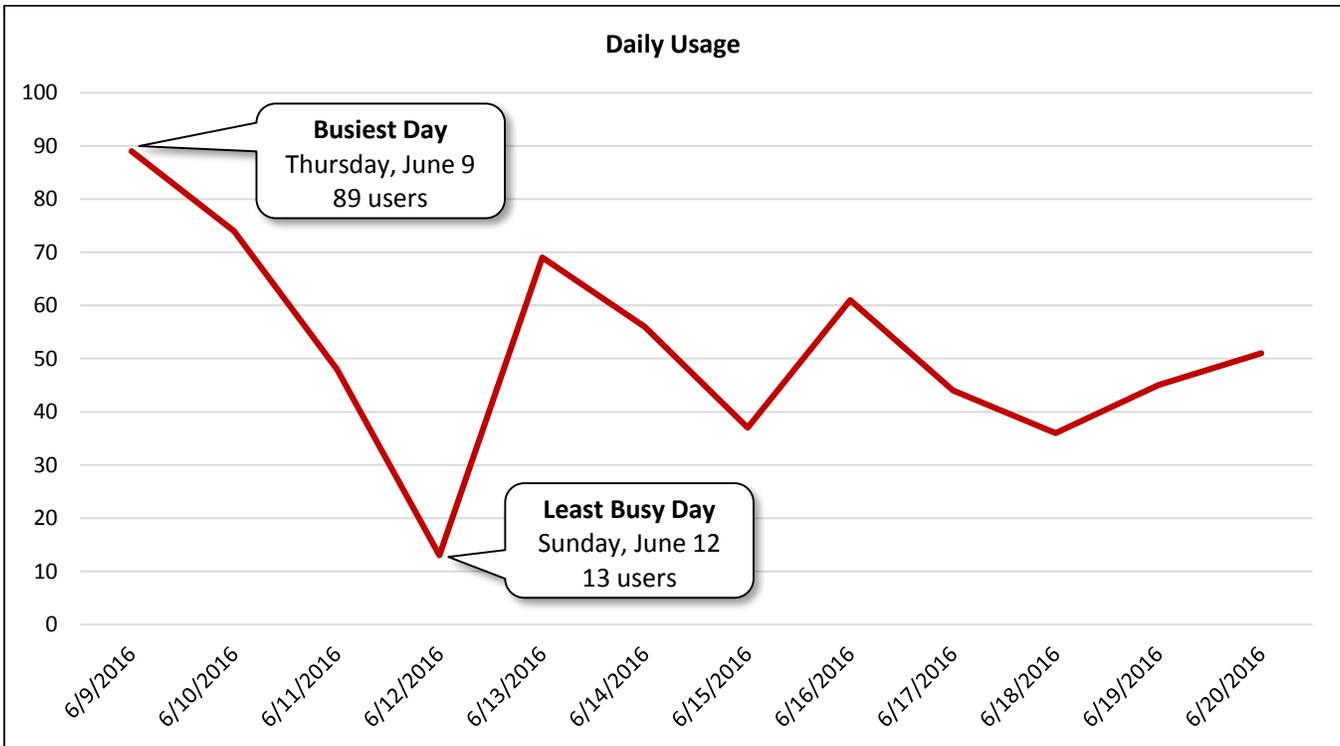
Image 23: Mary's Creek Trail Facing East



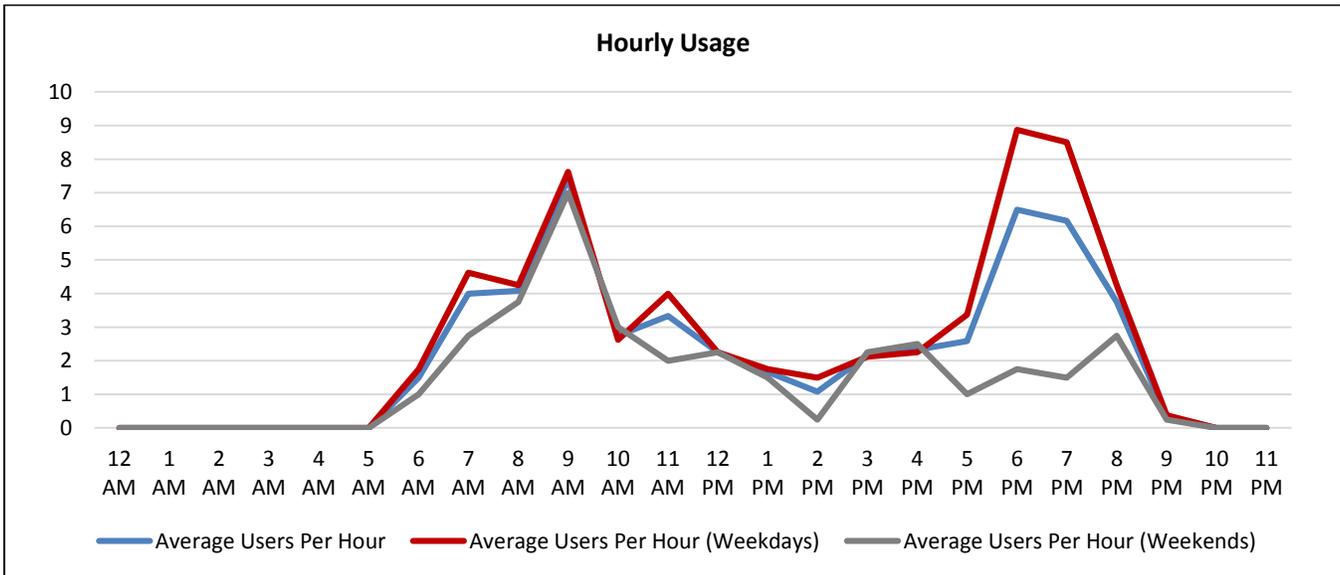
Image 24: Mary's Creek Trail Facing West

Daily Usage Mary's Creek Trail at Aaron Pasternak Park				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Thursday, June 9, 2016	89	91	75	0
Friday, June 10, 2016	74	91	75	0
Saturday, June 11, 2016	48	93	78	0
Sunday, June 12, 2016	13	89	75	0.7
Monday, June 13, 2016	69	93	79	0
Tuesday, June 14, 2016	56	93	79	0
Wednesday, June 15, 2016	37	95	81	0
Thursday, June 16, 2016	61	97	80	0
Friday, June 17, 2016	44	97	78	0
Saturday, June 18, 2016	36	99	75	0
Sunday, June 19, 2016	45	91	75	0.49
Monday, June 20, 2016	51	91	77	1.07
Total	623			
Average Daily Usage	52			
Average Daily Usage (Weekday)	60			
Average Daily Usage (Weekend)	36			

*Weather conditions recorded at KLVJ.



Hourly Usage			
Mary's Creek Trail at Aaron Pasternak Park			
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.	1.5	1.8	1.0
7:00 a.m.	4.0	4.6	2.8
8:00 a.m.	4.1	4.3	3.8
9:00 a.m.	7.4	7.6	7.0
10:00 a.m.	2.8	2.6	3.0
11:00 a.m.	3.3	4.0	2.0
12:00 p.m.	2.3	2.3	2.3
1:00 p.m.	1.7	1.8	1.5
2:00 p.m.	1.1	1.5	0.3
3:00 p.m.	2.2	2.1	2.3
4:00 p.m.	2.3	2.3	2.5
5:00 p.m.	2.6	3.4	1.0
6:00 p.m.	6.5	8.9	1.8
7:00 p.m.	6.2	8.5	1.5
8:00 p.m.	3.8	4.3	2.8
9:00 p.m.	0.3	0.4	0.3
10:00 p.m.	0.0	0.0	0.0
11:00 p.m.	0.0	0.0	0.0



Participants

City of Pearland: Parks and Recreation Department
<http://pearlandtx.gov/departments/parks-recreation>

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

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