

HOUSTON-GALVESTON AREA COUNCIL



Temporary Pedestrian/Bicycle Counters Data Summary

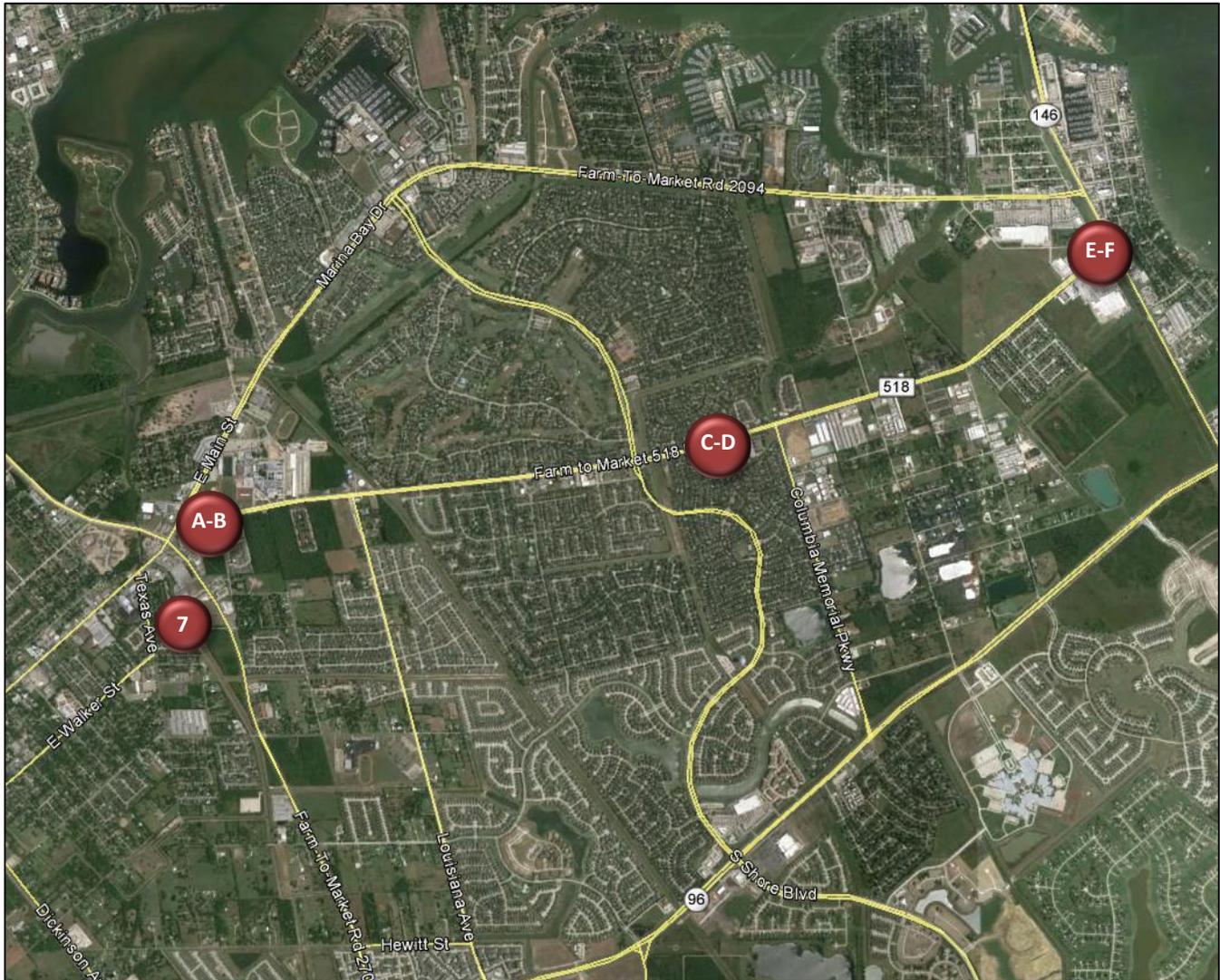
Deployment Summary	
Sponsoring Agency	Houston-Galveston Area Council Texas Transportation Institute
Deployment Period	Friday, November 20, 2015 – Sunday, December 6, 2015
Number of Counters Deployed	7
Facility Description	Sidewalks and Shared-Use Paths along FM 518 Corridor in League City and Kemah
Locations Deployed (Texas Transportation Institute)	
Counter A	FM 518 Shared-Use Path at FM 2094 (Southeast Corner)
Counter B	FM 518 Sidewalk at FM 2094 (Northeast Corner)
Counter C	FM 518 Shared-Use Path at S. Laguna Pointe Drive (Southwest Corner)
Counter D	FM 518 Sidewalk at S. Laguna Pointe Drive (Northwest Corner)
Counter E	FM 518 Shared-Use Path at SH 146 (Southwest Corner)
Counter F	FM 518 Sidewalk at SH 146 (Northwest Corner)
Locations Deployed (Houston-Galveston Area Council)	
Counter #7	Heritage Trail at Robinson Bayou 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



Counter	Location	Total Users	Average Daily Usage
A	FM 518 Shared-Use Path at FM 2094 (Southeast Corner)	835	49
B	FM 518 Sidewalk at FM 2094 (Northeast Corner)	451	27
C	FM 518 Shared-Use Path at S. Laguna Pointe Drive (Southwest Corner)	576	34
D	FM 518 Sidewalk at S. Laguna Pointe Drive (Northwest Corner)	317	19
E	FM 518 Shared-Use Path at SH 146 (Southwest Corner)	1,358	80
F	FM 518 Sidewalk at SH 146 (Northwest Corner)	116	7
7	Heritage Trail at Robinson Bayou Bridge	396	23

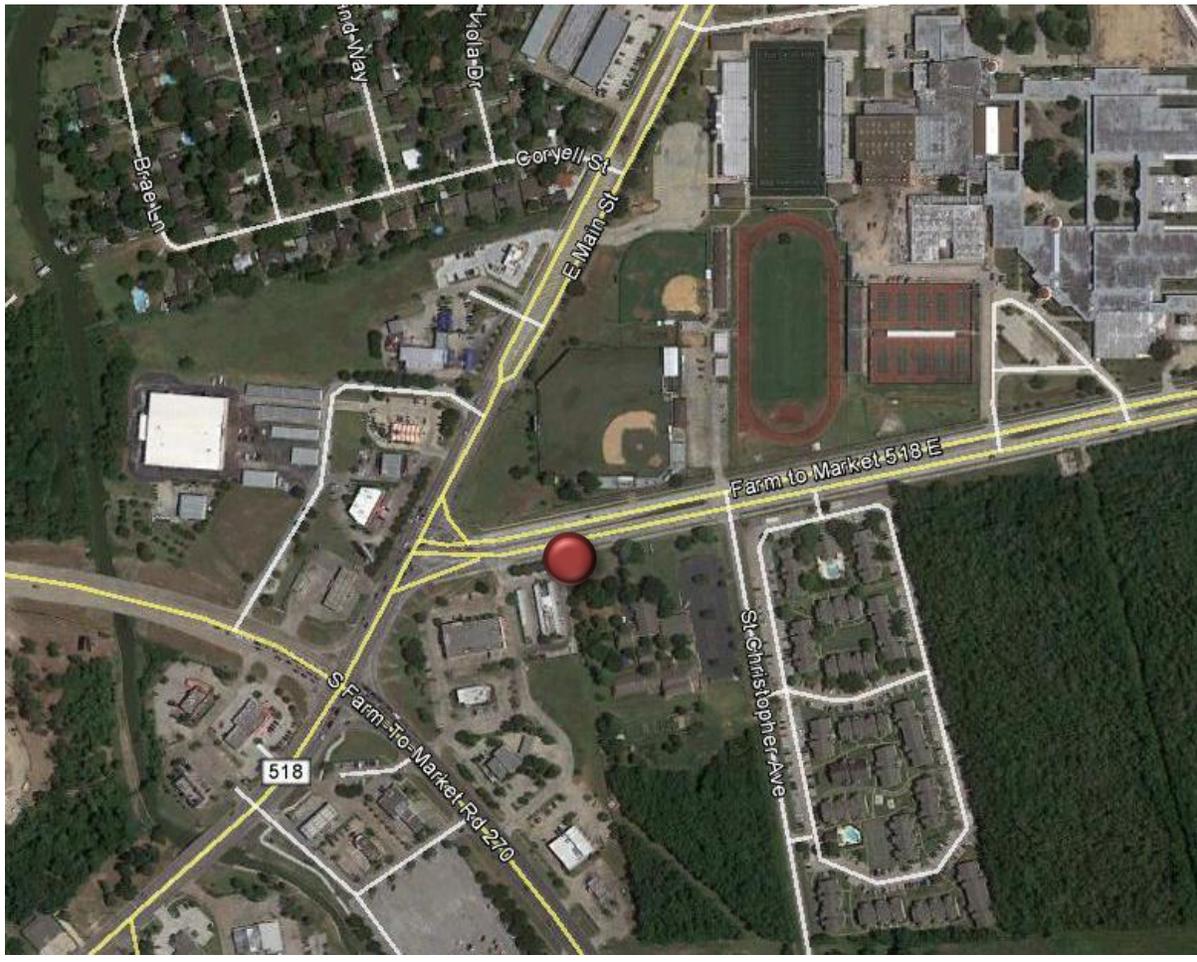
Counter A

FM 518 Shared-Use Path at FM 2094 (Southeast Corner)

Location Information	
Location Name	FM 518 Shared-Use Path at FM 2094 (Southeast Corner)
Location Description	FM 518 Shared-Use Path at FM 2094 (Southeast Corner)
Jurisdiction	City of League City
Agency Deployed	Houston-Galveston Area Council/Texas Transportation Institute
GPS Coordinates	29°31'22.0"N, 95°4'30.5"W
Surrounding Land Uses	North Institutional (Clear Creek High School)
	South Commercial/Retail, Institutional (Church)
	East Institutional (Church, Clear Creek High School), Multi-Family Residential
	West Commercial/Retail
What object was device secured to?	Sign Post (Pedestrian Crossing Ahead)
Sidewalk Width	10'
Buffer Width	4.5'
Street Width	Six-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	No
Street Traffic Volume	15,392 (FM 518 at FM 2094: TxDOT 2013)
Transit	No
Shade	Intermittent Shade
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 on weekdays than during weekends. • On weekdays, usage is highest in the afternoon (2:00 p.m. – 6:00 p.m.). • On weekends, usage remains relatively steady throughout the day, with the highest usage in the late afternoon (3:00 p.m. – 5:00 p.m.).

Location Information: Map



Location Information: Photos



Image 1: FM 518 Shared-Use Path Facing East

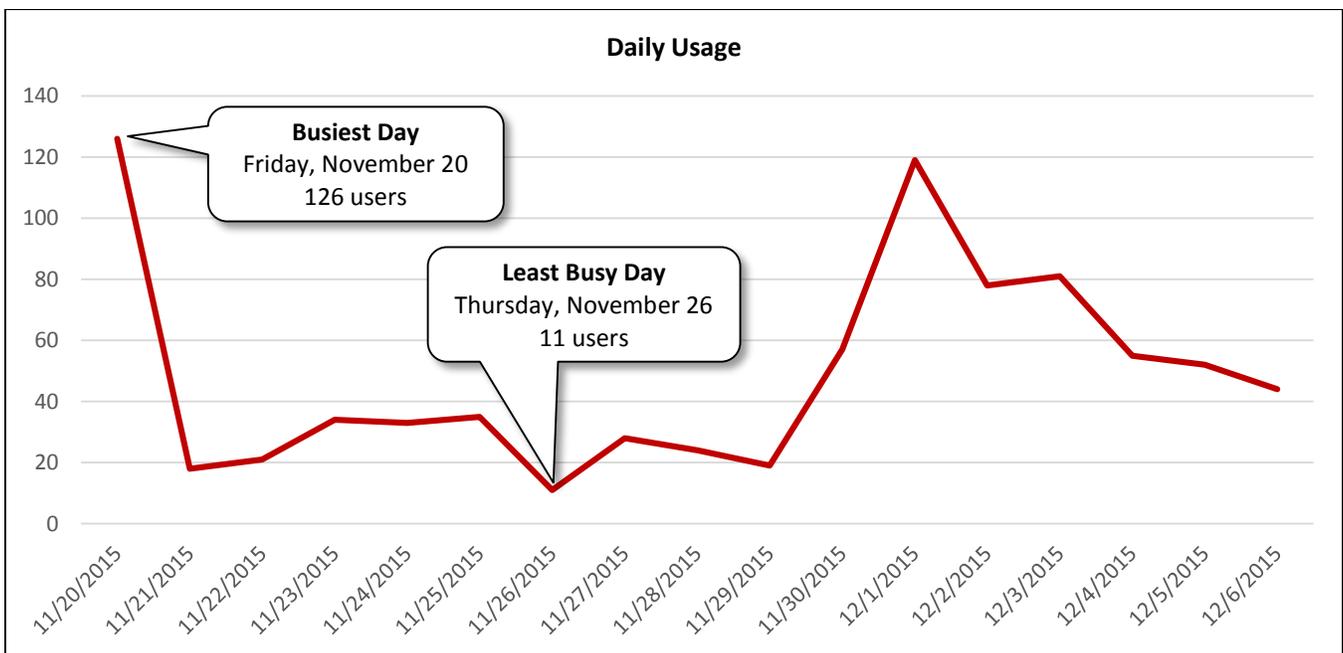


Image 2: FM 518 Shared-Use Path Facing West

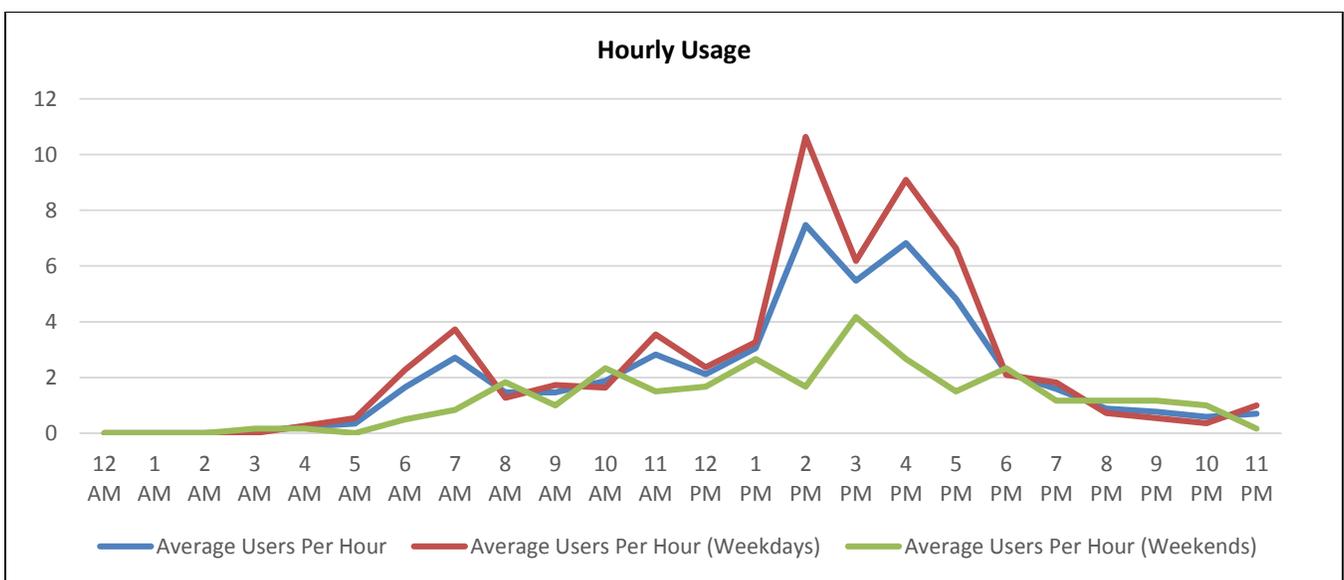
Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, November 20, 2015	126	69	59	0
Saturday, November 21, 2015	18	69	50	0
Sunday, November 22, 2015	21	55	42	0
Monday, November 23, 2015	34	60	39	0
Tuesday, November 24, 2015	33	66	48	0
Wednesday, November 25, 2015	35	73	62	0
Thursday, November 26, 2015	11	75	68	0
Friday, November 27, 2015	28	78	69	0
Saturday, November 28, 2015	24	73	50	0
Sunday, November 29, 2015	19	55	50	0
Monday, November 30, 2015	57	64	53	0
Tuesday, December 1, 2015	119	62	53	0
Wednesday, December 2, 2015	78	60	51	0
Thursday, December 3, 2015	81	60	46	0
Friday, December 4, 2015	55	59	44	0
Saturday, December 5, 2015	52	66	44	0
Sunday, December 6, 2015	44	71	46	0
Total	835			
Average Daily Usage	49			
Average Daily Usage (Weekday)	60			
Average Daily Usage (Weekend)	30			

Notes	
Thanksgiving was Thursday, November 26, 2015.	

*Weather conditions recorded at KEFD (Ellington Field).



Hourly Usage			
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.	0.1	0.0	0.2
4:00 a.m.	0.2	0.3	0.2
5:00 a.m.	0.4	0.5	0.0
6:00 a.m.	1.6	2.3	0.5
7:00 a.m.	2.7	3.7	0.8
8:00 a.m.	1.5	1.3	1.8
9:00 a.m.	1.5	1.7	1.0
10:00 a.m.	1.9	1.6	2.3
11:00 a.m.	2.8	3.5	1.5
12:00 p.m.	2.1	2.4	1.7
1:00 p.m.	3.1	3.3	2.7
2:00 p.m.	7.5	10.6	1.7
3:00 p.m.	5.5	6.2	4.2
4:00 p.m.	6.8	9.1	2.7
5:00 p.m.	4.8	6.6	1.5
6:00 p.m.	2.2	2.1	2.3
7:00 p.m.	1.6	1.8	1.2
8:00 p.m.	0.9	0.7	1.2
9:00 p.m.	0.8	0.5	1.2
10:00 p.m.	0.6	0.4	1.0
11:00 p.m.	0.7	1.0	0.2



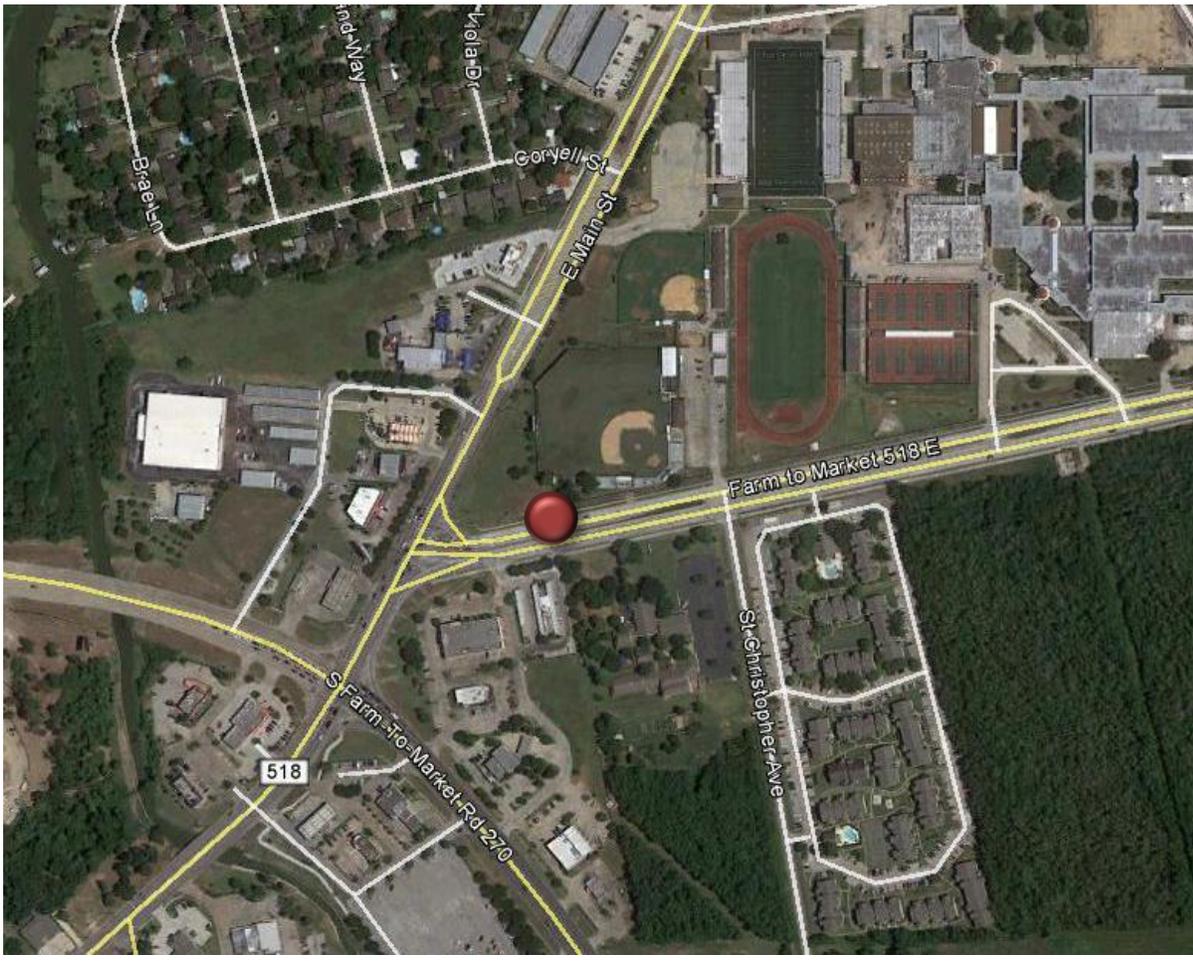
Counter B

FM 518 Sidewalk at FM 2094 (Northeast Corner)

Location Name		FM 518 Sidewalk at FM 2094 (Northeast Corner)
Location Description		FM 518 Sidewalk at FM 2094 (Northeast Corner)
Jurisdiction		City of League City
Agency Deployed		Houston-Galveston Area Council/Texas Transportation Institute
GPS Coordinates		29°31'23.1"N, 95° 4'31.3"W
Surrounding Land Uses	North	Institutional (Clear Creek High School)
	South	Commercial/Retail, Institutional (Church)
	East	Institutional (Clear Creek High School, Church), Multi-Family Residential
	West	Commercial/Retail
What object was device secured to?		Sign Post (Turning Movements)
Sidewalk Width		5'
Buffer Width		7'
Street Width		Six-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		No
Street Traffic Volume		15,392 (FM 518 at FM 2094: TxDOT 2013)
Transit		No
Shade		No
Have counts been collected by H-GAC at this location before?		No

Trends	
<ul style="list-style-type: none"> • Usage tends to be slightly higher on weekdays than during weekends. • On weekdays, usage is highest in the morning (6:00 a.m. – 8:00 a.m. and 9:00 a.m. – 10:00 a.m.), with an increase in usage in the mid-afternoon (2:00 p.m. – 4:00 p.m.). • On weekends, usage peaks in the morning (7:00 a.m. – 9:00 a.m.). 	

Location Information: Map



Location Information: Photos



Image 3: FM 518 Sidewalk Facing East



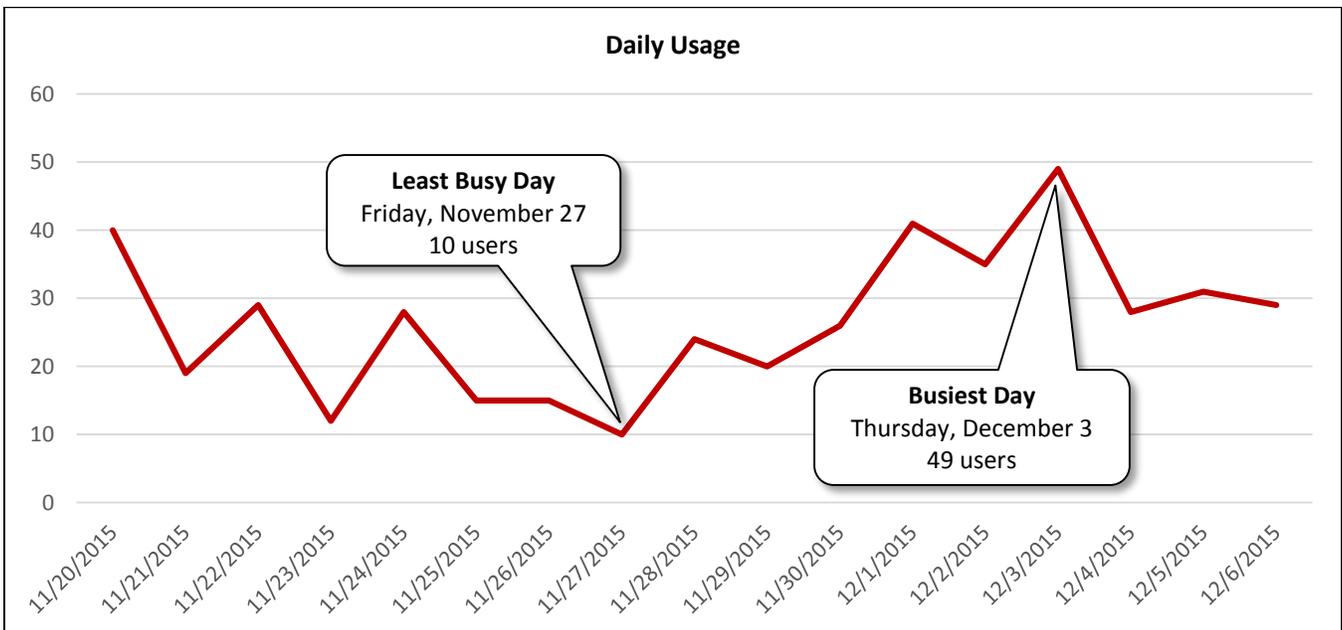
Image 4: FM 518 Sidewalk Facing West

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, November 20, 2015	40	69	59	0
Saturday, November 21, 2015	19	69	50	0
Sunday, November 22, 2015	29	55	42	0
Monday, November 23, 2015	12	60	39	0
Tuesday, November 24, 2015	28	66	48	0
Wednesday, November 25, 2015	15	73	62	0
Thursday, November 26, 2015	15	75	68	0
Friday, November 27, 2015	10	78	69	0
Saturday, November 28, 2015	24	73	50	0
Sunday, November 29, 2015	20	55	50	0
Monday, November 30, 2015	26	64	53	0
Tuesday, December 1, 2015	41	62	53	0
Wednesday, December 2, 2015	35	60	51	0
Thursday, December 3, 2015	49	60	46	0
Friday, December 4, 2015	28	59	44	0
Saturday, December 5, 2015	31	66	44	0
Sunday, December 6, 2015	29	71	46	0

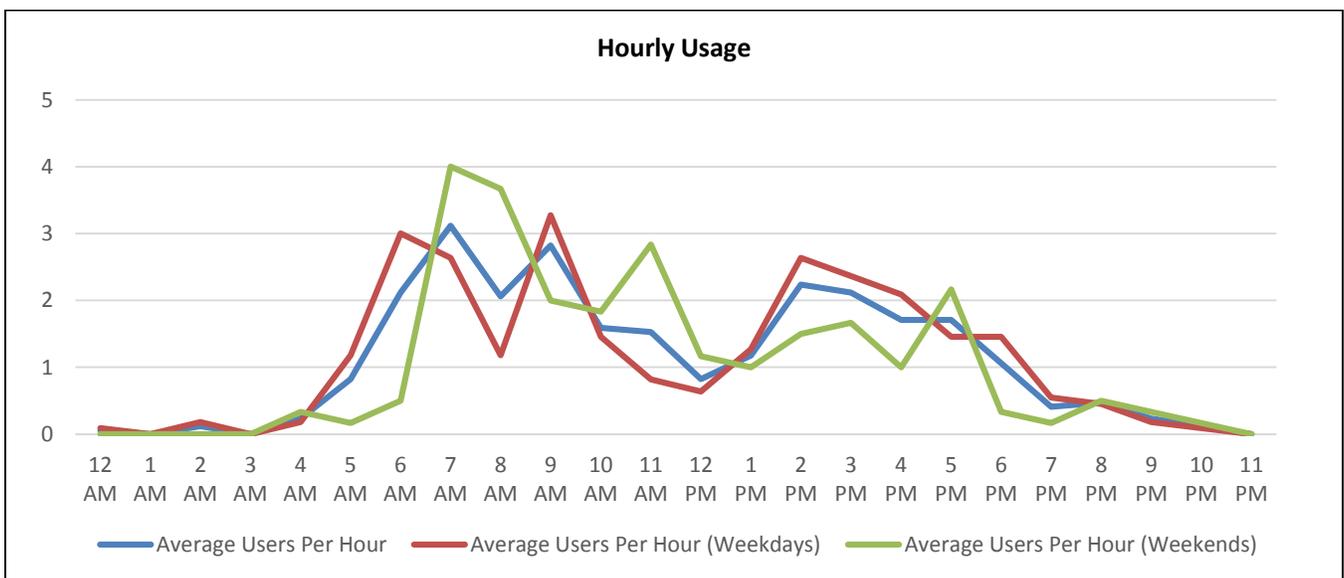
Total	451
Average Daily Usage	27
Average Daily Usage (Weekday)	27
Average Daily Usage (Weekend)	25

Notes
Thanksgiving was Thursday, November 26, 2015.

*Weather conditions recorded at KEFD (Ellington Field).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.1	0.1	0.0
1:00 a.m.	0.0	0.0	0.0
2:00 a.m.	0.1	0.2	0.0
3:00 a.m.	0.0	0.0	0.0
4:00 a.m.	0.2	0.2	0.3
5:00 a.m.	0.8	1.2	0.2
6:00 a.m.	2.1	3.0	0.5
7:00 a.m.	3.1	2.6	4.0
8:00 a.m.	2.1	1.2	3.7
9:00 a.m.	2.8	3.3	2.0
10:00 a.m.	1.6	1.5	1.8
11:00 a.m.	1.5	0.8	2.8
12:00 p.m.	0.8	0.6	1.2
1:00 p.m.	1.2	1.3	1.0
2:00 p.m.	2.2	2.6	1.5
3:00 p.m.	2.1	2.4	1.7
4:00 p.m.	1.7	2.1	1.0
5:00 p.m.	1.7	1.5	2.2
6:00 p.m.	1.1	1.5	0.3
7:00 p.m.	0.4	0.5	0.2
8:00 p.m.	0.5	0.5	0.5
9:00 p.m.	0.2	0.2	0.3
10:00 p.m.	0.1	0.1	0.2
11:00 p.m.	0.0	0.0	0.0



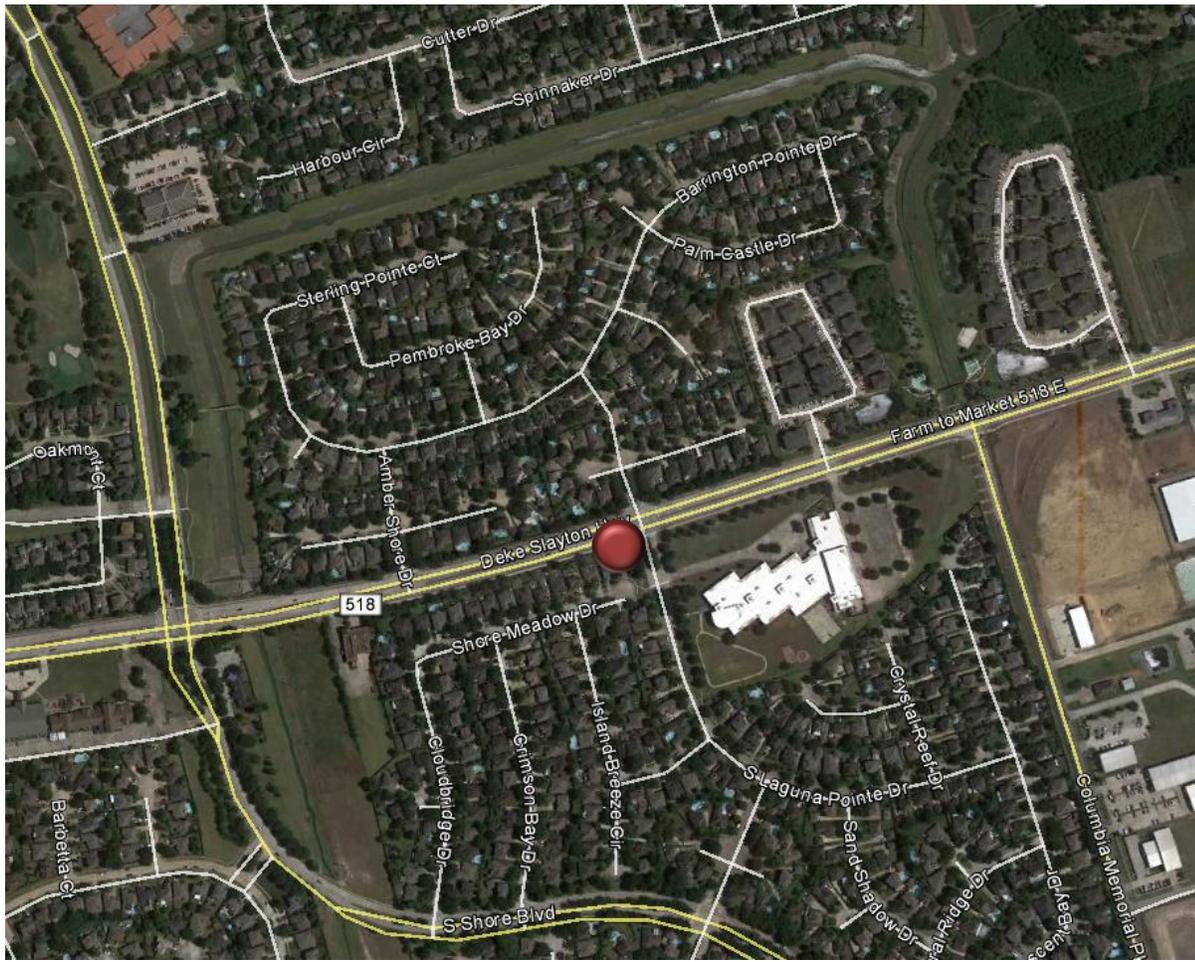
Counter C

FM 518 Shared-Use Path at S. Laguna Pointe Drive (Southwest Corner)

Location Information		
Location Name	FM 518 Shared-Use Path at S. Laguna Pointe Drive (Southwest Corner)	
Location Description	FM 518 Shared-Use Path at S. Laguna Pointe Drive (Southwest Corner)	
Jurisdiction	City of League City	
Agency Deployed	Houston-Galveston Area Council/Texas Transportation Institute	
GPS Coordinates	29°31'37.4"N, 95° 2'35.4"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Single-Family Residential, Institutional (Hyde Elementary School)
	East	Single-Family Residential, Institutional (Hyde Elementary School)
	West	Single-Family Residential, Institutional (Fire Station)
What object was device secured to?	Sign Post (Bicycle Route/Bicycles Yield to Pedestrians)	
Sidewalk Width	10'	
Buffer Width	5'	
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	50 miles per hour	
Street Lighting	No	
Street Traffic Volume	10,392 (FM 518 West of Columbia Memorial Parkway: TxDOT 2013)	
Transit	No	
Shade	Intermittent Shade	
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 during weekends than on weekdays. • On weekdays, usage peaks in the morning (7:00 a.m. – 8:00 a.m.), with pronounced increases in usage midday (11:00 a.m. – 12:00 p.m.) and in the evening (5:00 p.m. – 6:00 p.m.). • On weekends, usage peaks in the morning (7:00 a.m. – 10:00 a.m.).

Location Information: Map



Location Information: Photos



Image 5: FM 518 Shared-Use Path Facing East



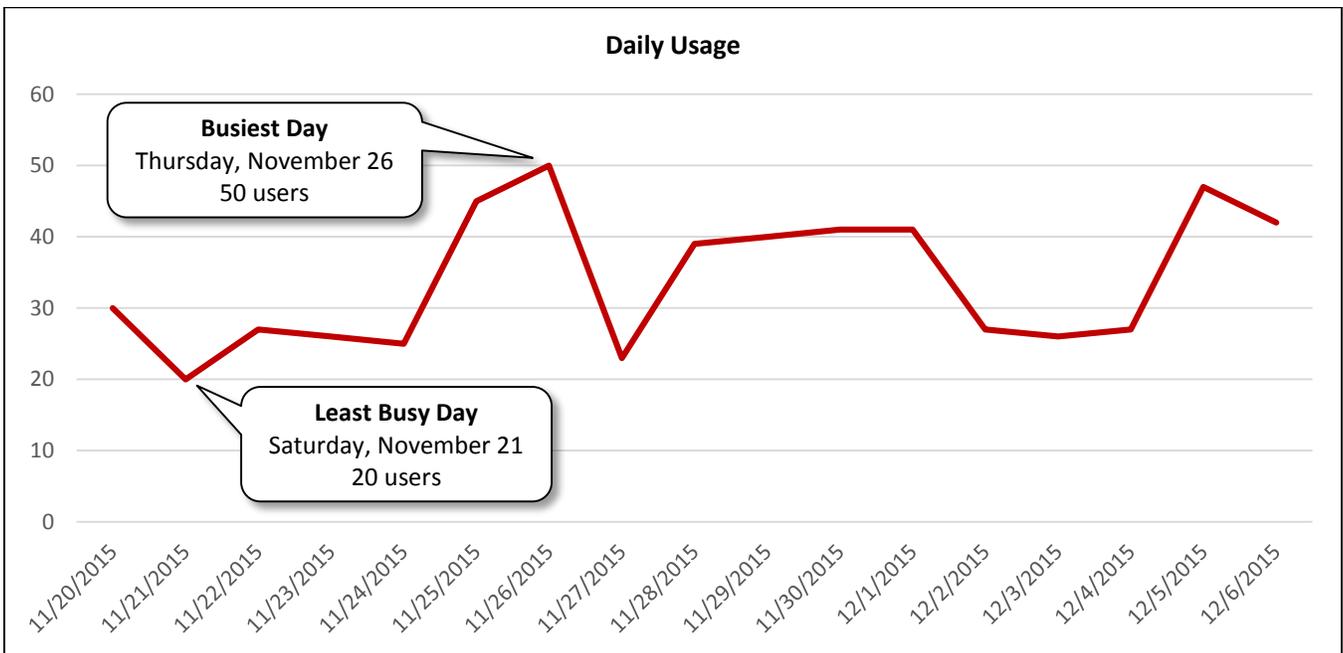
Image 6: FM 518 Shared-Use Path Facing West

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, November 20, 2015	30	69	59	0
Saturday, November 21, 2015	20	69	50	0
Sunday, November 22, 2015	27	55	42	0
Monday, November 23, 2015	26	60	39	0
Tuesday, November 24, 2015	25	66	48	0
Wednesday, November 25, 2015	45	73	62	0
Thursday, November 26, 2015	50	75	68	0
Friday, November 27, 2015	23	78	69	0
Saturday, November 28, 2015	39	73	50	0
Sunday, November 29, 2015	40	55	50	0
Monday, November 30, 2015	41	64	53	0
Tuesday, December 1, 2015	41	62	53	0
Wednesday, December 2, 2015	27	60	51	0
Thursday, December 3, 2015	26	60	46	0
Friday, December 4, 2015	27	59	44	0
Saturday, December 5, 2015	47	66	44	0
Sunday, December 6, 2015	42	71	46	0

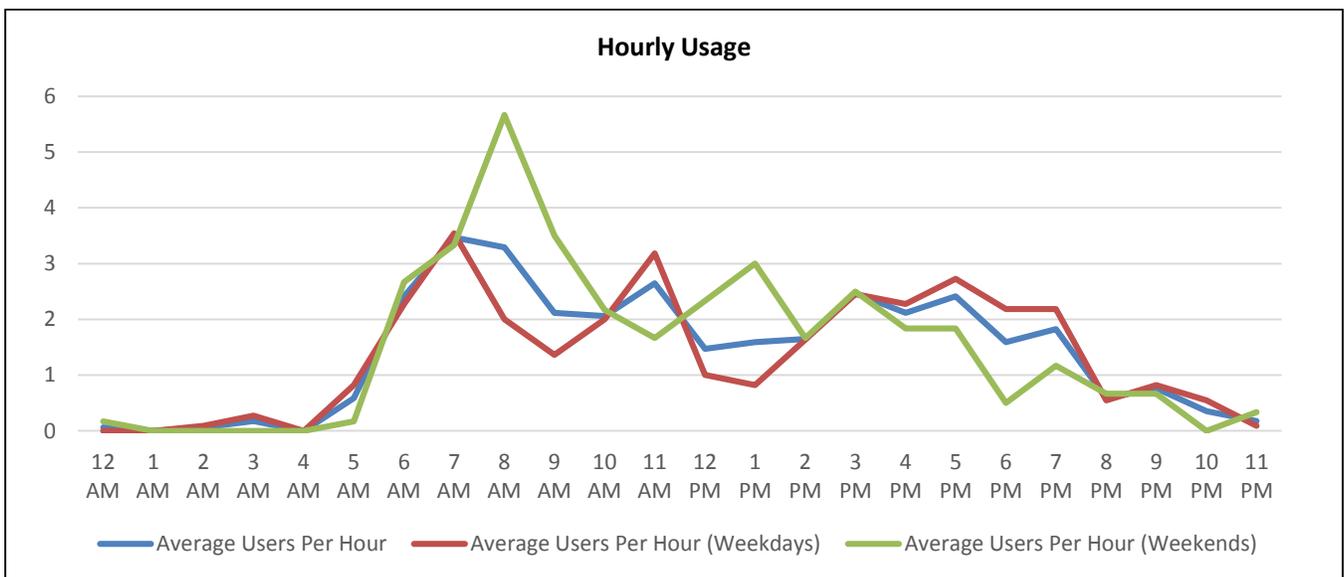
Total	576
Average Daily Usage	34
Average Daily Usage (Weekday)	33
Average Daily Usage (Weekend)	36

Notes
Thanksgiving was Thursday, November 26, 2015.

*Weather conditions recorded at KEFD (Ellington Field).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.1	0.0	0.2
1:00 a.m.	0.0	0.0	0.0
2:00 a.m.	0.1	0.1	0.0
3:00 a.m.	0.2	0.3	0.0
4:00 a.m.	0.0	0.0	0.0
5:00 a.m.	0.6	0.8	0.2
6:00 a.m.	2.4	2.3	2.7
7:00 a.m.	3.5	3.5	3.3
8:00 a.m.	3.3	2.0	5.7
9:00 a.m.	2.1	1.4	3.5
10:00 a.m.	2.1	2.0	2.2
11:00 a.m.	2.6	3.2	1.7
12:00 p.m.	1.5	1.0	2.3
1:00 p.m.	1.6	0.8	3.0
2:00 p.m.	1.6	1.6	1.7
3:00 p.m.	2.5	2.5	2.5
4:00 p.m.	2.1	2.3	1.8
5:00 p.m.	2.4	2.7	1.8
6:00 p.m.	1.6	2.2	0.5
7:00 p.m.	1.8	2.2	1.2
8:00 p.m.	0.6	0.5	0.7
9:00 p.m.	0.8	0.8	0.7
10:00 p.m.	0.4	0.5	0.0
11:00 p.m.	0.2	0.1	0.3



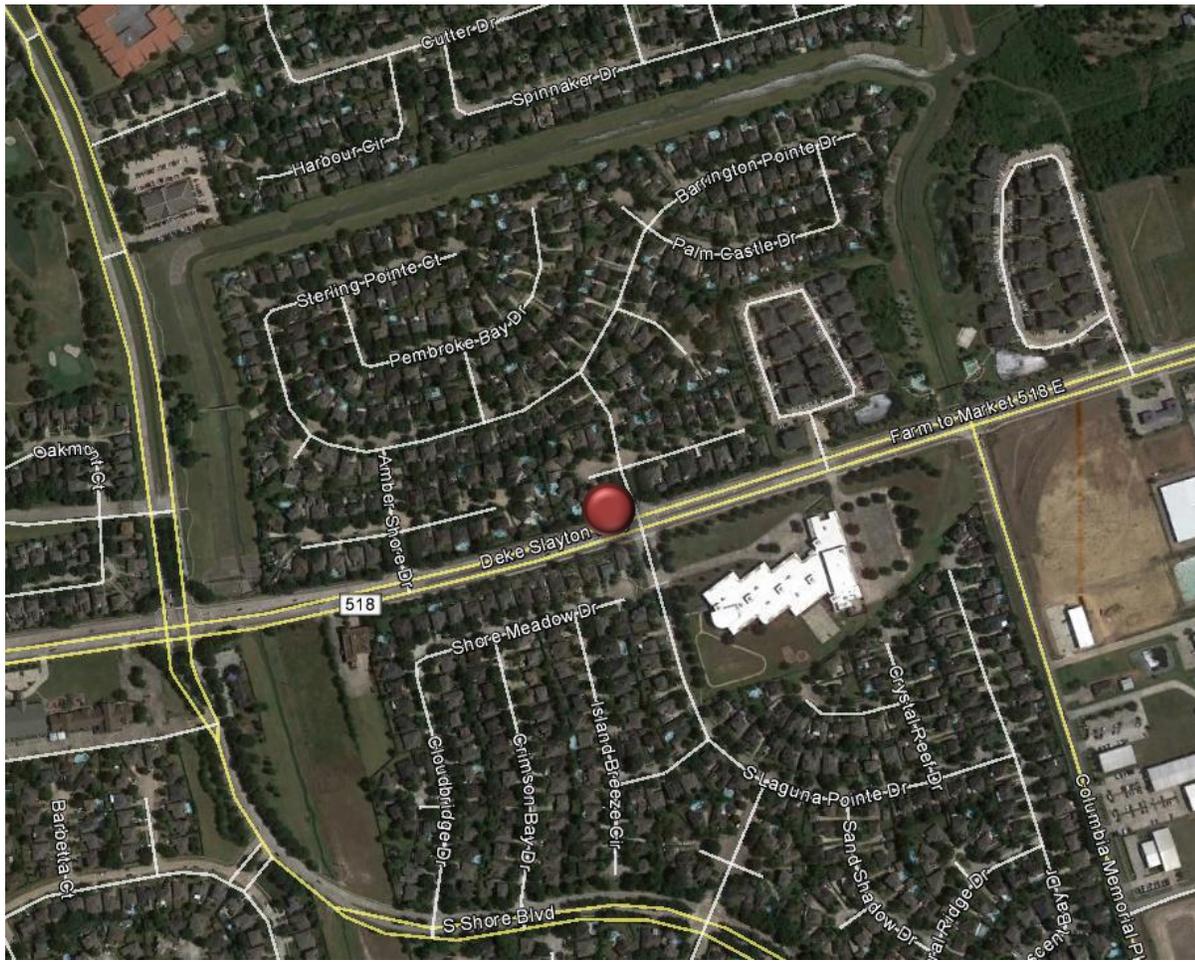
Counter D

FM 518 Sidewalk at S. Laguna Pointe Drive (Northwest Corner)

Location Information		
Location Name	FM 518 Sidewalk at S. Laguna Pointe Drive (Northwest Corner)	
Location Description	FM 518 Sidewalk at S. Laguna Pointe Drive (Northwest Corner)	
Jurisdiction	City of League City	
Agency Deployed	Houston-Galveston Area Council/Texas Transportation Institute	
GPS Coordinates	29°31'38.0"N, 95° 2'36.7"W	
Surrounding Land Uses	North	Single-Family Residential
	South	Single-Family Residential, Institutional (Hyde Elementary School)
	East	Single-Family Residential, Institutional (Hyde Elementary School)
	West	Single-Family Residential, Institutional (Fire Station)
What object was device secured to?	Sign Post (FM 518)	
Sidewalk Width	5'	
Buffer Width	5'	
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	50 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	10,392 (FM 518 West of Columbia Memorial Parkway: TxDOT 2013)	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Usage tends to be slightly higher during weekends than on weekdays. • On weekdays, usage peaks in the morning (8:00 a.m. – 10:00 a.m.). • On weekends, usage peaks in the morning (8:00 a.m. – 9:00 a.m.).

Location Information: Map



Location Information: Photos



Image 7: FM 518 Sidewalk Facing East



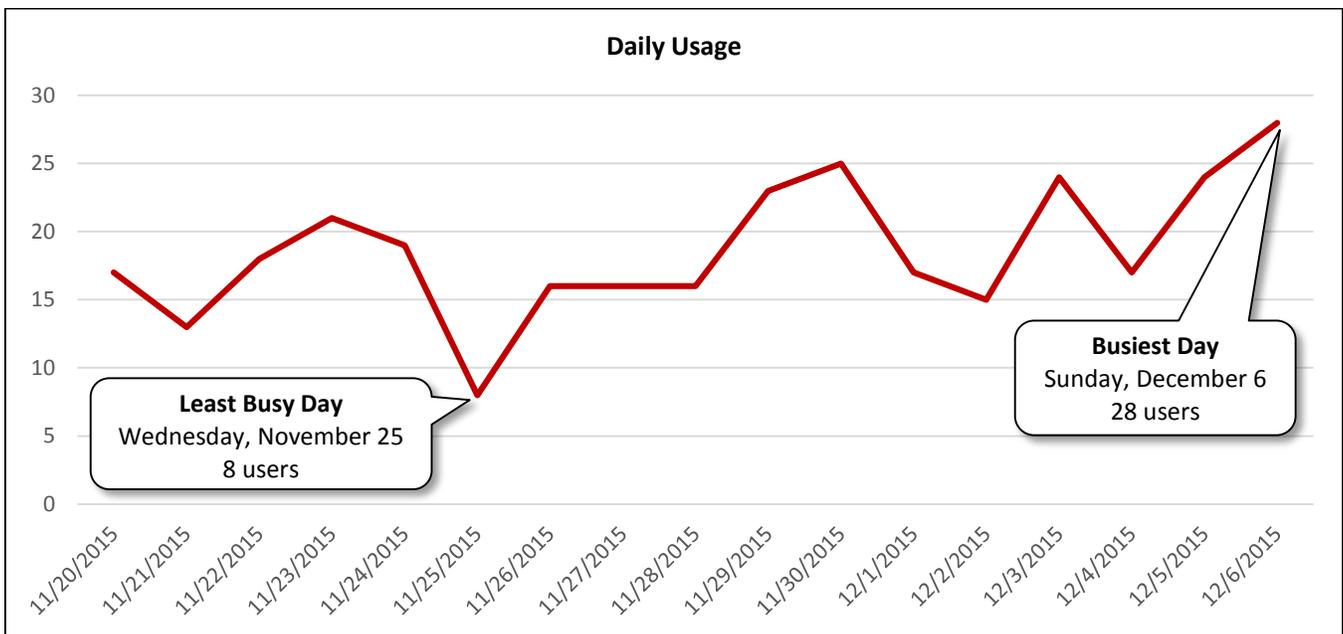
Image 8: FM 518 Sidewalk Facing West

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, November 20, 2015	17	69	59	0
Saturday, November 21, 2015	13	69	50	0
Sunday, November 22, 2015	18	55	42	0
Monday, November 23, 2015	21	60	39	0
Tuesday, November 24, 2015	19	66	48	0
Wednesday, November 25, 2015	8	73	62	0
Thursday, November 26, 2015	16	75	68	0
Friday, November 27, 2015	16	78	69	0
Saturday, November 28, 2015	16	73	50	0
Sunday, November 29, 2015	23	55	50	0
Monday, November 30, 2015	25	64	53	0
Tuesday, December 1, 2015	17	62	53	0
Wednesday, December 2, 2015	15	60	51	0
Thursday, December 3, 2015	24	60	46	0
Friday, December 4, 2015	17	59	44	0
Saturday, December 5, 2015	24	66	44	0
Sunday, December 6, 2015	28	71	46	0

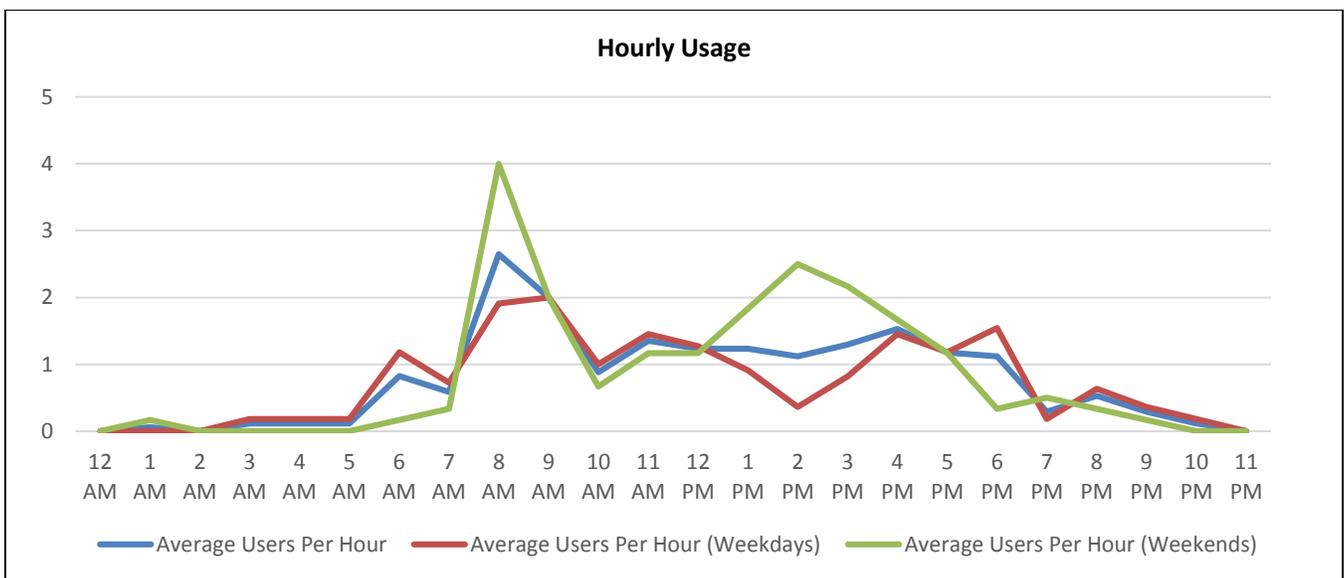
Total	317
Average Daily Usage	19
Average Daily Usage (Weekday)	18
Average Daily Usage (Weekend)	20

Notes
Thanksgiving was Thursday, November 26, 2015.

*Weather conditions recorded at KEFD (Ellington Field).



Hourly Usage			
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	0.0	0.2
2:00 a.m.	0.0	0.0	0.0
3:00 a.m.	0.1	0.2	0.0
4:00 a.m.	0.1	0.2	0.0
5:00 a.m.	0.1	0.2	0.0
6:00 a.m.	0.8	1.2	0.2
7:00 a.m.	0.6	0.7	0.3
8:00 a.m.	2.6	1.9	4.0
9:00 a.m.	2.0	2.0	2.0
10:00 a.m.	0.9	1.0	0.7
11:00 a.m.	1.4	1.5	1.2
12:00 p.m.	1.2	1.3	1.2
1:00 p.m.	1.2	0.9	1.8
2:00 p.m.	1.1	0.4	2.5
3:00 p.m.	1.3	0.8	2.2
4:00 p.m.	1.5	1.5	1.7
5:00 p.m.	1.2	1.2	1.2
6:00 p.m.	1.1	1.5	0.3
7:00 p.m.	0.3	0.2	0.5
8:00 p.m.	0.5	0.6	0.3
9:00 p.m.	0.3	0.4	0.2
10:00 p.m.	0.1	0.2	0.0
11:00 p.m.	0.0	0.0	0.0



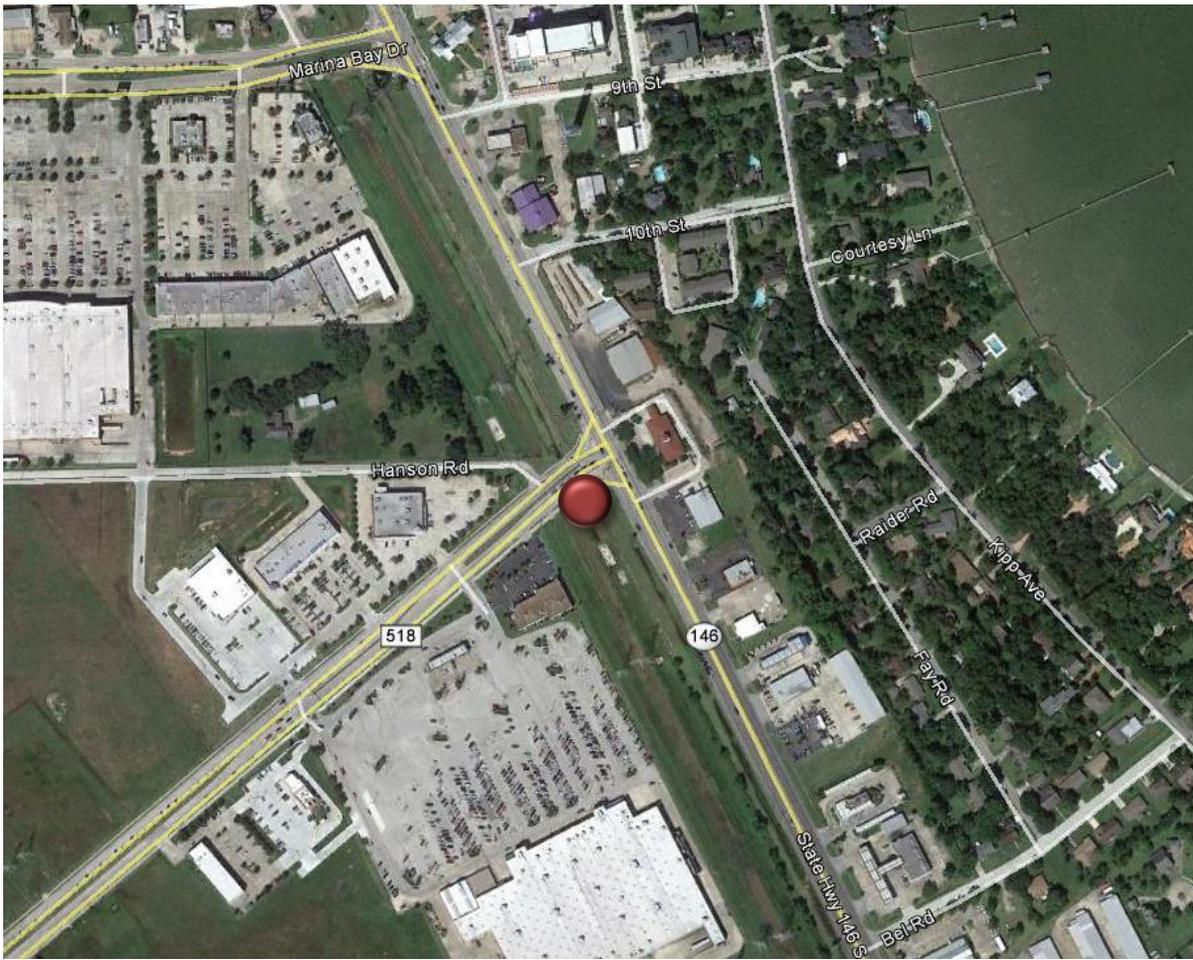
Counter E

FM 518 Shared-Use Path at SH 146 (Southwest Corner)

Location Information		
Location Name	FM 518 Shared-Use Path at SH 146 (Southwest Corner)	
Location Description	FM 518 Shared-Use Path at SH 146 (Southwest Corner)	
Jurisdiction	City of Kemah	
Agency Deployed	Houston-Galveston Area Council/Texas Transportation Institute	
GPS Coordinates	29°32'15.9"N, 95° 1'6.4"W	
Surrounding Land Uses	North	Commercial/Retail
	South	Commercial/Retail
	East	Commercial/Retail, Single-Family Residential
	West	Commercial/Retail
What object was device secured to?	Sign Post (Exempt)	
Sidewalk Width	10'	
Buffer Width	5'	
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	45 miles per hour	
Street Lighting	Yes	
Street Traffic Volume	12,157 (FM 518 at SH 146: TxDOT 2013)	
Transit	No	
Shade	No	
Have counts been collected by H-GAC at this location before?	No	

Trends
<ul style="list-style-type: none"> • Usage tends to be higher on weekdays than during weekends. • On weekdays, usage is highest midday (12:00 p.m. – 2:00 p.m.). • On weekends, usage remains relatively steady throughout the day.

Location Information: Map



Location Information: Photos



Image 9: FM 518 Shared-Use Path Facing East



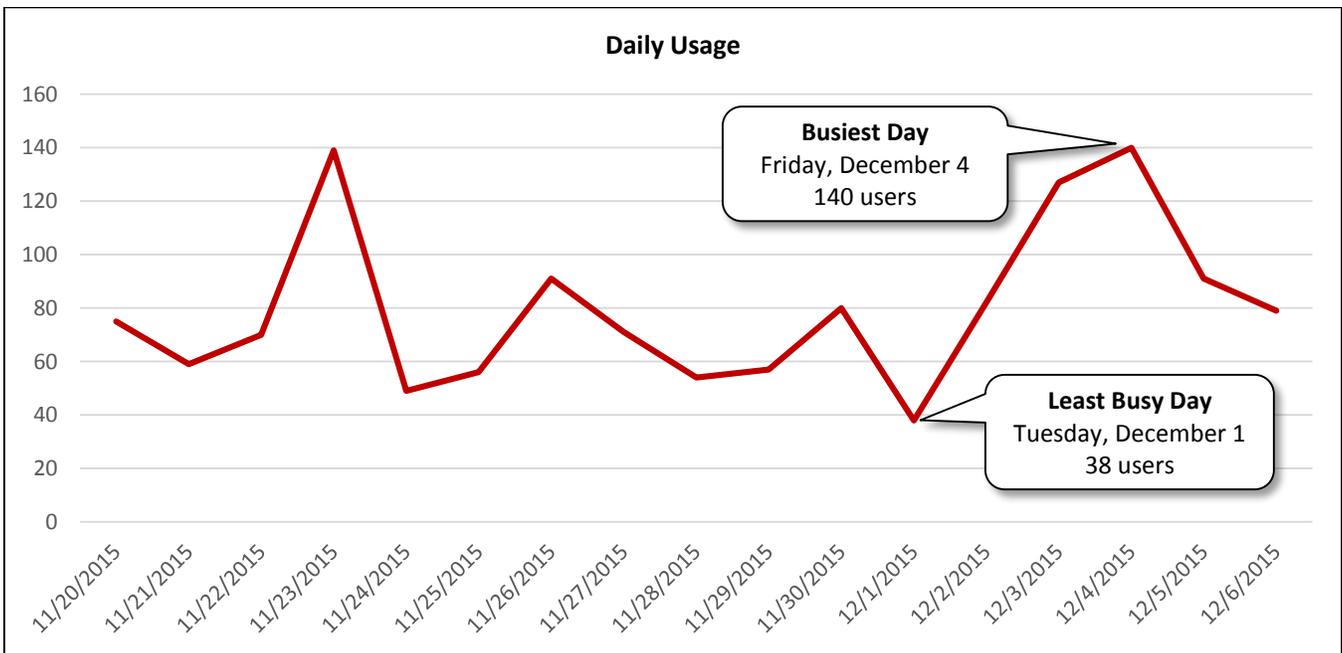
Image 10: FM 518 Shared-Use Path Facing West

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, November 20, 2015	75	69	59	0
Saturday, November 21, 2015	59	69	50	0
Sunday, November 22, 2015	70	55	42	0
Monday, November 23, 2015	139	60	39	0
Tuesday, November 24, 2015	49	66	48	0
Wednesday, November 25, 2015	56	73	62	0
Thursday, November 26, 2015	91	75	68	0
Friday, November 27, 2015	71	78	69	0
Saturday, November 28, 2015	54	73	50	0
Sunday, November 29, 2015	57	55	50	0
Monday, November 30, 2015	80	64	53	0
Tuesday, December 1, 2015	38	62	53	0
Wednesday, December 2, 2015	82	60	51	0
Thursday, December 3, 2015	127	60	46	0
Friday, December 4, 2015	140	59	44	0
Saturday, December 5, 2015	91	66	44	0
Sunday, December 6, 2015	79	71	46	0

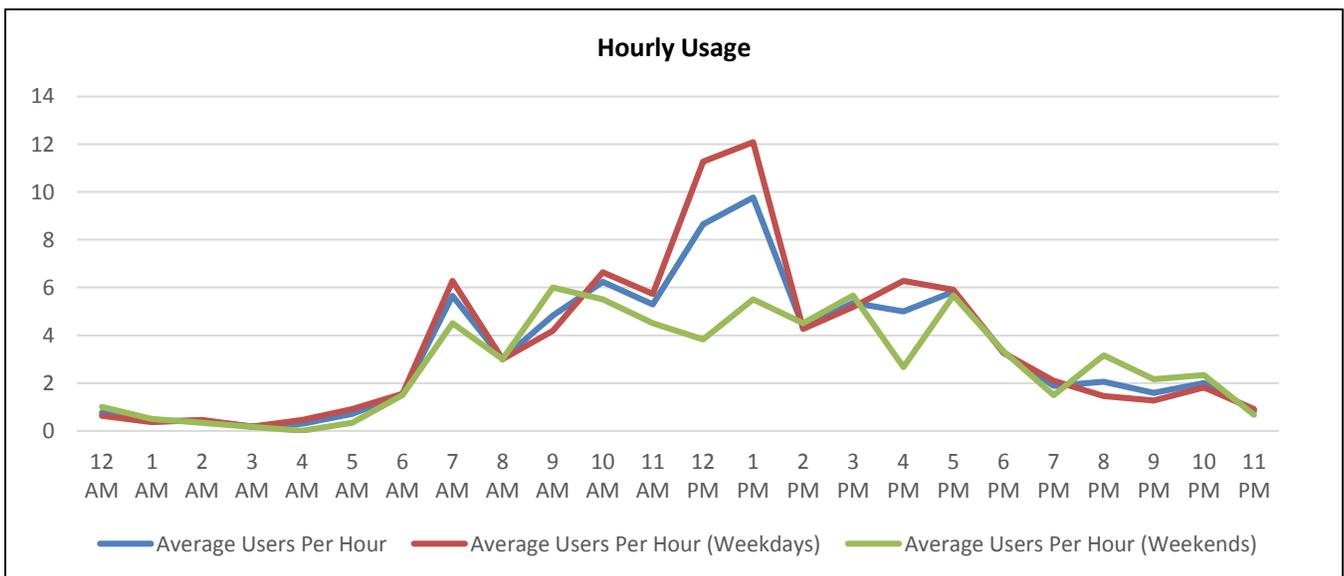
Total	1,358
Average Daily Usage	80
Average Daily Usage (Weekday)	86
Average Daily Usage (Weekend)	68

Notes
Thanksgiving was Thursday, November 26, 2015.

*Weather conditions recorded at KEFD (Ellington Field).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.8	0.6	1.0
1:00 a.m.	0.4	0.4	0.5
2:00 a.m.	0.4	0.5	0.3
3:00 a.m.	0.2	0.2	0.2
4:00 a.m.	0.3	0.5	0.0
5:00 a.m.	0.7	0.9	0.3
6:00 a.m.	1.5	1.5	1.5
7:00 a.m.	5.6	6.3	4.5
8:00 a.m.	3.0	3.0	3.0
9:00 a.m.	4.8	4.2	6.0
10:00 a.m.	6.2	6.6	5.5
11:00 a.m.	5.3	5.7	4.5
12:00 p.m.	8.6	11.3	3.8
1:00 p.m.	9.8	12.1	5.5
2:00 p.m.	4.4	4.3	4.5
3:00 p.m.	5.4	5.2	5.7
4:00 p.m.	5.0	6.3	2.7
5:00 p.m.	5.8	5.9	5.7
6:00 p.m.	3.3	3.3	3.3
7:00 p.m.	1.9	2.1	1.5
8:00 p.m.	2.1	1.5	3.2
9:00 p.m.	1.6	1.3	2.2
10:00 p.m.	2.0	1.8	2.3
11:00 p.m.	0.8	0.9	0.7



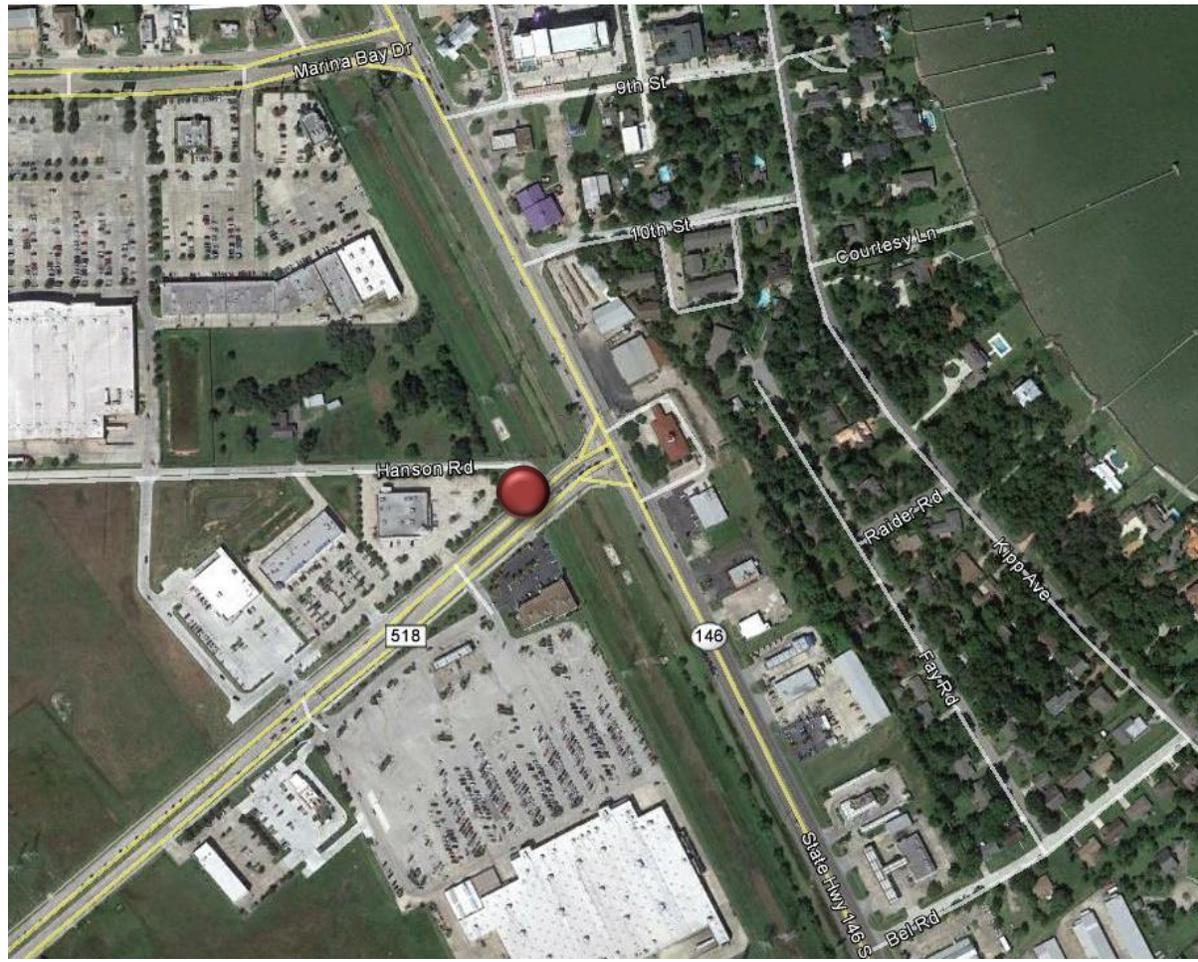
Counter F

FM 518 Sidewalk at SH 146 (Northwest Corner)

Location Information	
Location Name	FM 518 Sidewalk at SH 146 (Northwest Corner)
Location Description	FM 518 Sidewalk at SH 146 (Northwest Corner)
Jurisdiction	City of Kemah
Agency Deployed	Houston-Galveston Area Council/Texas Transportation Institute
GPS Coordinates	29°32'15.6"N, 95° 1'8.3"W
Surrounding Land Uses	North Commercial/Retail
	South Commercial/Retail
	East Commercial/Retail, Single-Family Residential
	West Commercial/Retail
What object was device secured to?	Sign Post (FM 518)
Sidewalk Width	5'
Buffer Width	5'
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	45 miles per hour
Street Lighting	Yes
Street Traffic Volume	12,157 (FM 518 at SH 146: TxDOT 2013)
Transit	No
Shade	No
Have counts been collected by H-GAC at this location before?	No

Trends
<ul style="list-style-type: none"> • Usage is about the same on weekdays as it is during weekends. • Usage is low at this location. On weekdays, it is highest in the morning (7:00 a.m. – 8:00 a.m.), and during weekends it is highest in the late afternoon (3:00 p.m. – 4:00 p.m.).

Location Information: Map



Location Information: Photos



Image 11: FM 518 Sidewalk Facing East



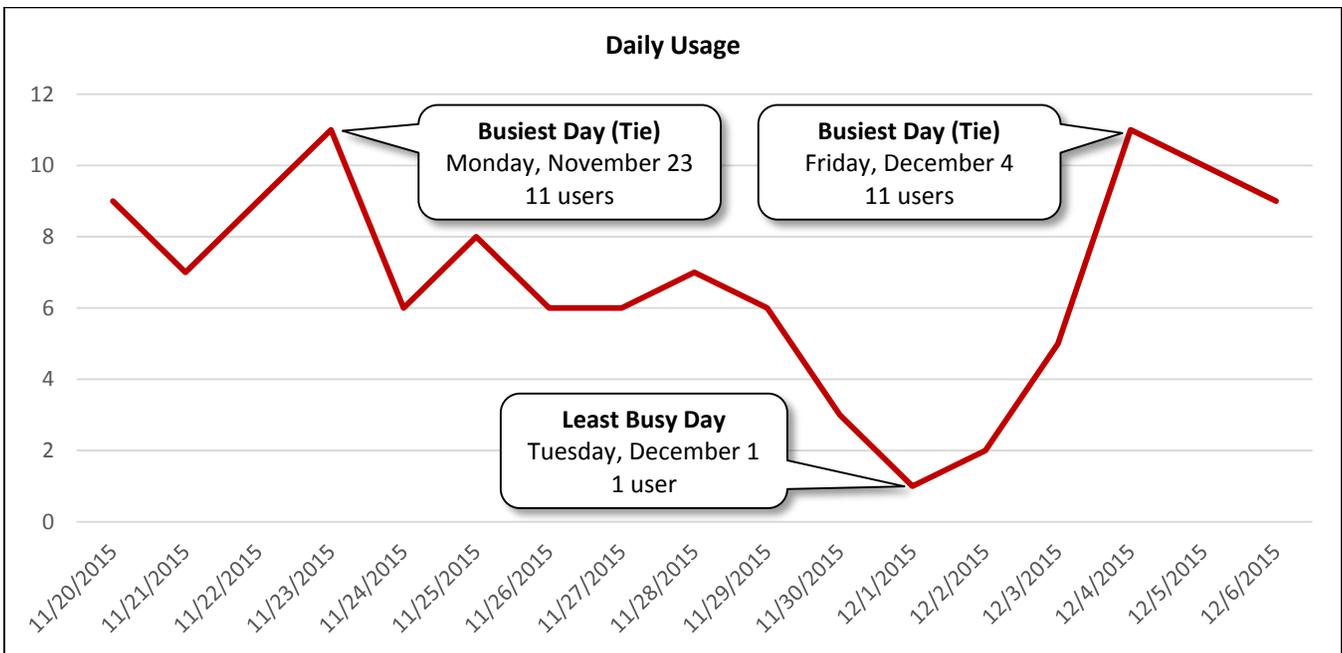
Image 12: FM 518 Sidewalk Facing West

Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, November 20, 2015	9	69	59	0
Saturday, November 21, 2015	7	69	50	0
Sunday, November 22, 2015	9	55	42	0
Monday, November 23, 2015	11	60	39	0
Tuesday, November 24, 2015	6	66	48	0
Wednesday, November 25, 2015	8	73	62	0
Thursday, November 26, 2015	6	75	68	0
Friday, November 27, 2015	6	78	69	0
Saturday, November 28, 2015	7	73	50	0
Sunday, November 29, 2015	6	55	50	0
Monday, November 30, 2015	3	64	53	0
Tuesday, December 1, 2015	1	62	53	0
Wednesday, December 2, 2015	2	60	51	0
Thursday, December 3, 2015	5	60	46	0
Friday, December 4, 2015	11	59	44	0
Saturday, December 5, 2015	10	66	44	0
Sunday, December 6, 2015	9	71	46	0

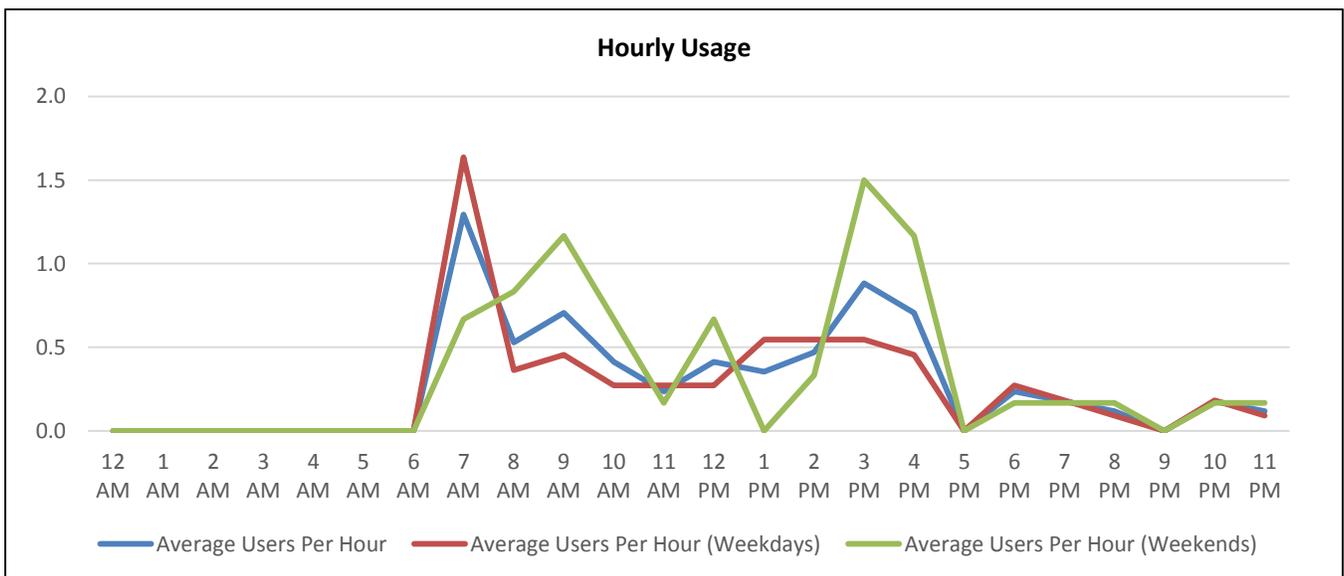
Total	116
Average Daily Usage	7
Average Daily Usage (Weekday)	6
Average Daily Usage (Weekend)	8

Notes
Thanksgiving was Thursday, November 26, 2015.

*Weather conditions recorded at KEFD (Ellington Field).



Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.0	0.0	0.0
1:00 a.m.	0.0	0.0	0.0
2:00 a.m.	0.0	0.0	0.0
3:00 a.m.	0.0	0.0	0.0
4:00 a.m.	0.0	0.0	0.0
5:00 a.m.	0.0	0.0	0.0
6:00 a.m.	0.0	0.0	0.0
7:00 a.m.	1.3	1.6	0.7
8:00 a.m.	0.5	0.4	0.8
9:00 a.m.	0.7	0.5	1.2
10:00 a.m.	0.4	0.3	0.7
11:00 a.m.	0.2	0.3	0.2
12:00 p.m.	0.4	0.3	0.7
1:00 p.m.	0.4	0.5	0.0
2:00 p.m.	0.5	0.5	0.3
3:00 p.m.	0.9	0.5	1.5
4:00 p.m.	0.7	0.5	1.2
5:00 p.m.	0.0	0.0	0.0
6:00 p.m.	0.2	0.3	0.2
7:00 p.m.	0.2	0.2	0.2
8:00 p.m.	0.1	0.1	0.2
9:00 p.m.	0.0	0.0	0.0
10:00 p.m.	0.2	0.2	0.2
11:00 p.m.	0.1	0.1	0.2



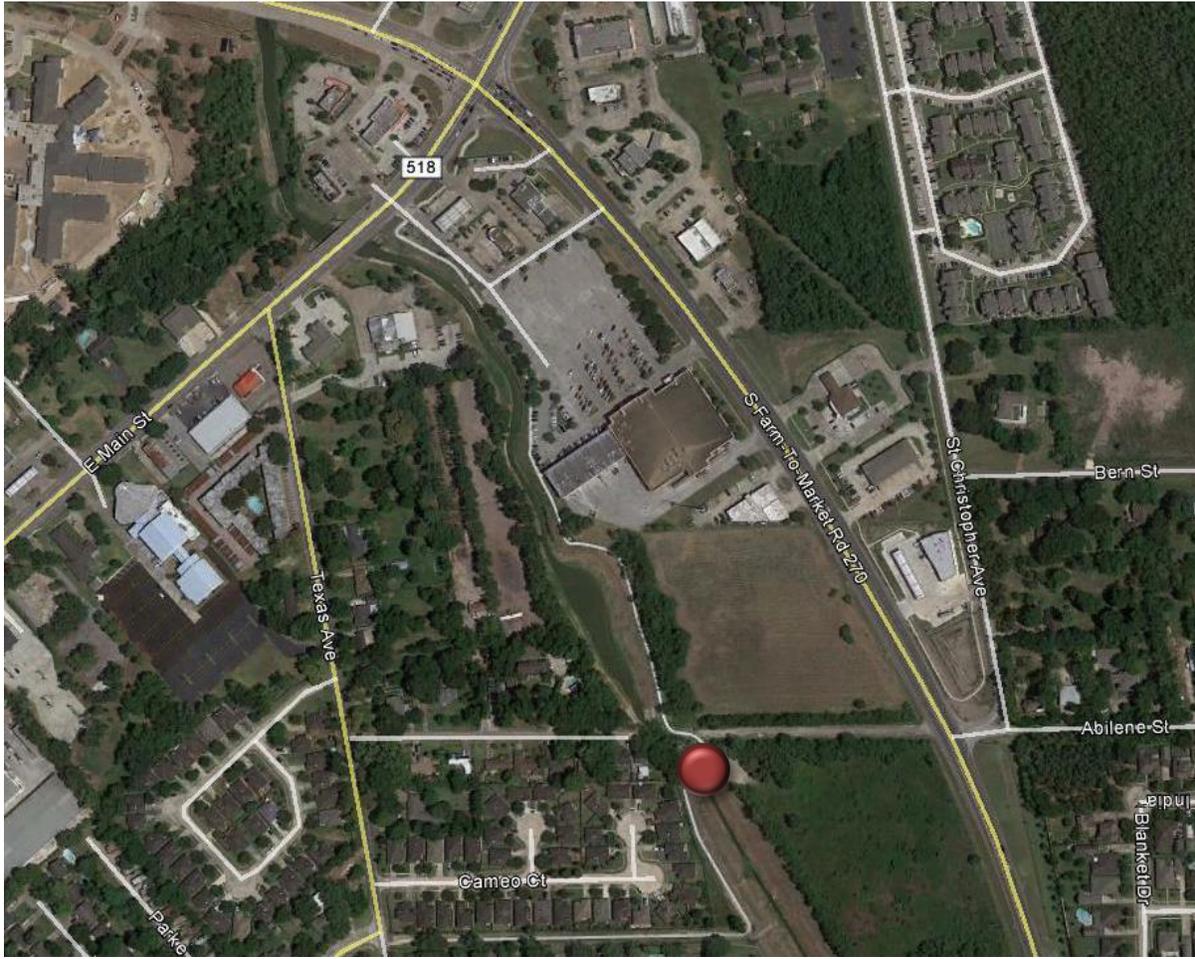
Counter 7

Heritage Trail at Robinson Bayou Bridge

Location Information	
Location Name	Heritage Trail at Robinson Bayou Bridge
Location Description	Heritage Trail at Robinson Bayou Bridge
Jurisdiction	City of League City
Agency Deployed	Houston-Galveston Area Council/Texas Transportation Institute
GPS Coordinates	29°31'0.7"N, 95° 4'30.3"W
Surrounding Land Uses	North Vacant Land, Commercial/Retail
	South Vacant Land, Single-Family Residential
	East Vacant Land
	West Single-Family Residential
What object was device secured to?	Bridge Railing
Sidewalk Width	8'
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	N/A (Off-Road Shared-Use Path)
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 during weekends than on weekdays. • On weekdays and during weekends, usage peaks in the late afternoon (4:00 p.m. – 5:00 p.m.).

Location Information: Map



Location Information: Photos



Image 13: Heritage Trail Facing North

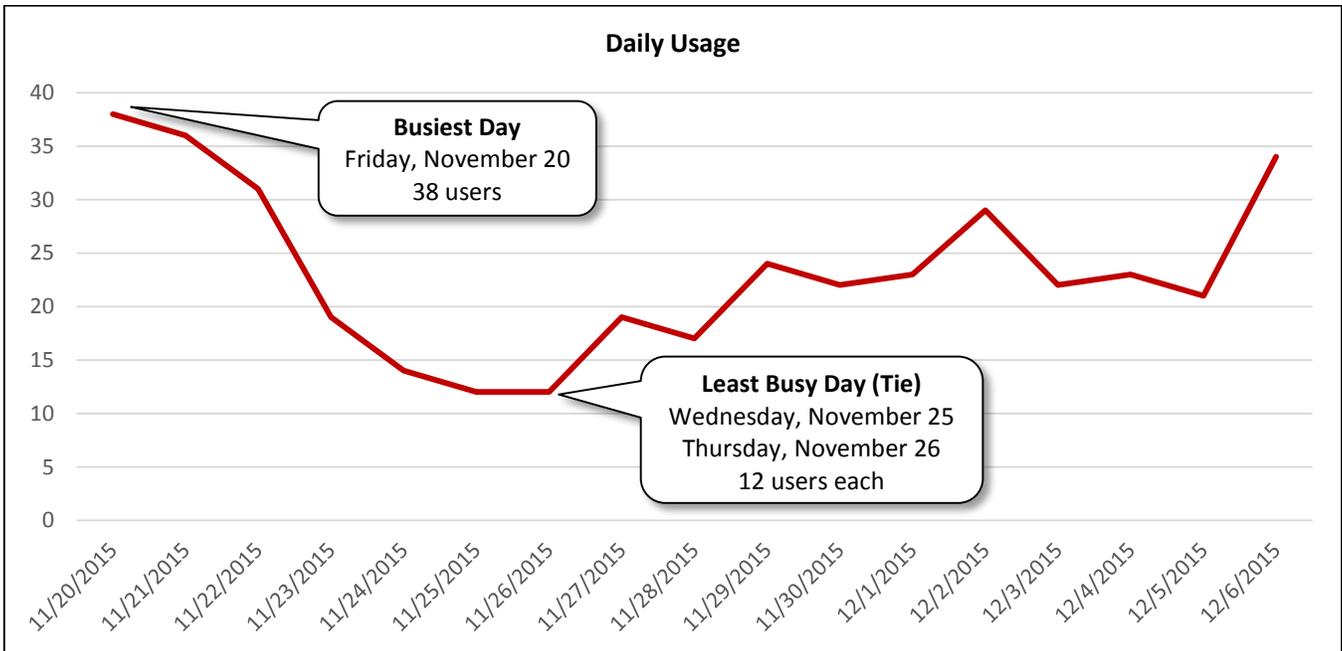


Image 14: Heritage Trail Facing South

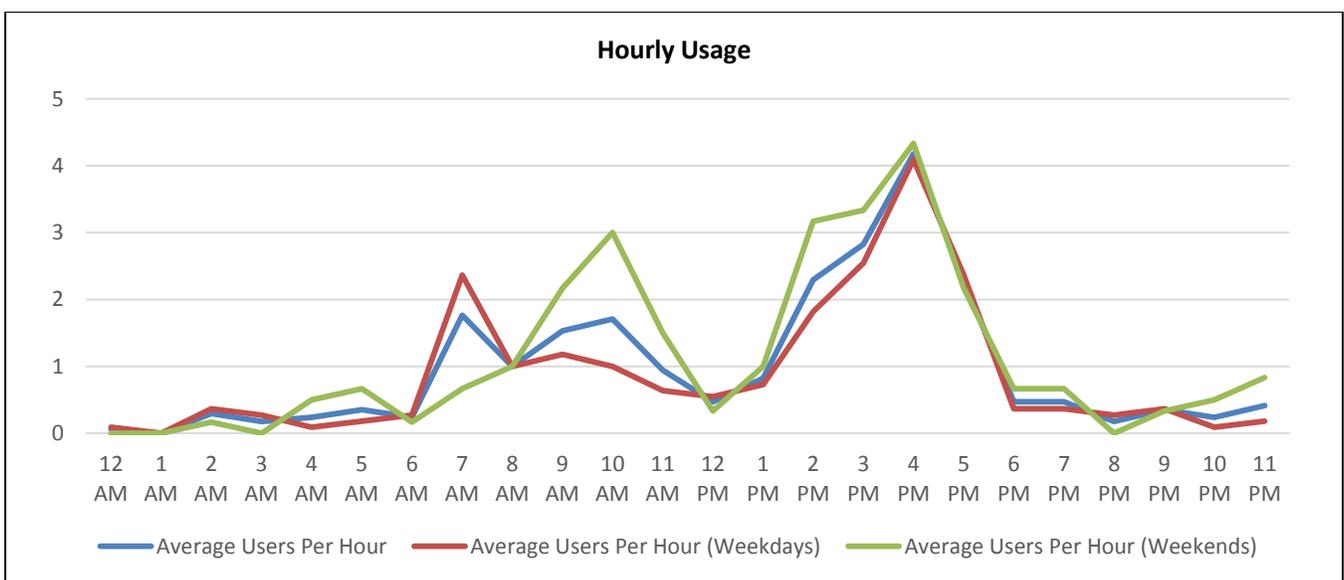
Daily Usage				
Date	Users	Select Weather Data*		
		High Temperature (°F)	Low Temperature (°F)	Precipitation (inches)
Friday, November 20, 2015	38	69	59	0
Saturday, November 21, 2015	36	69	50	0
Sunday, November 22, 2015	31	55	42	0
Monday, November 23, 2015	19	60	39	0
Tuesday, November 24, 2015	14	66	48	0
Wednesday, November 25, 2015	12	73	62	0
Thursday, November 26, 2015	12	75	68	0
Friday, November 27, 2015	19	78	69	0
Saturday, November 28, 2015	17	73	50	0
Sunday, November 29, 2015	24	55	50	0
Monday, November 30, 2015	22	64	53	0
Tuesday, December 1, 2015	23	62	53	0
Wednesday, December 2, 2015	29	60	51	0
Thursday, December 3, 2015	22	60	46	0
Friday, December 4, 2015	23	59	44	0
Saturday, December 5, 2015	21	66	44	0
Sunday, December 6, 2015	34	71	46	0
Total	396			
Average Daily Usage	23			
Average Daily Usage (Weekday)	21			
Average Daily Usage (Weekend)	27			

Notes	
•	Thanksgiving was Thursday, November 26, 2015.
•	This segment of the Heritage Trail was recently completed.

*Weather conditions recorded at KEFD (Ellington Field).

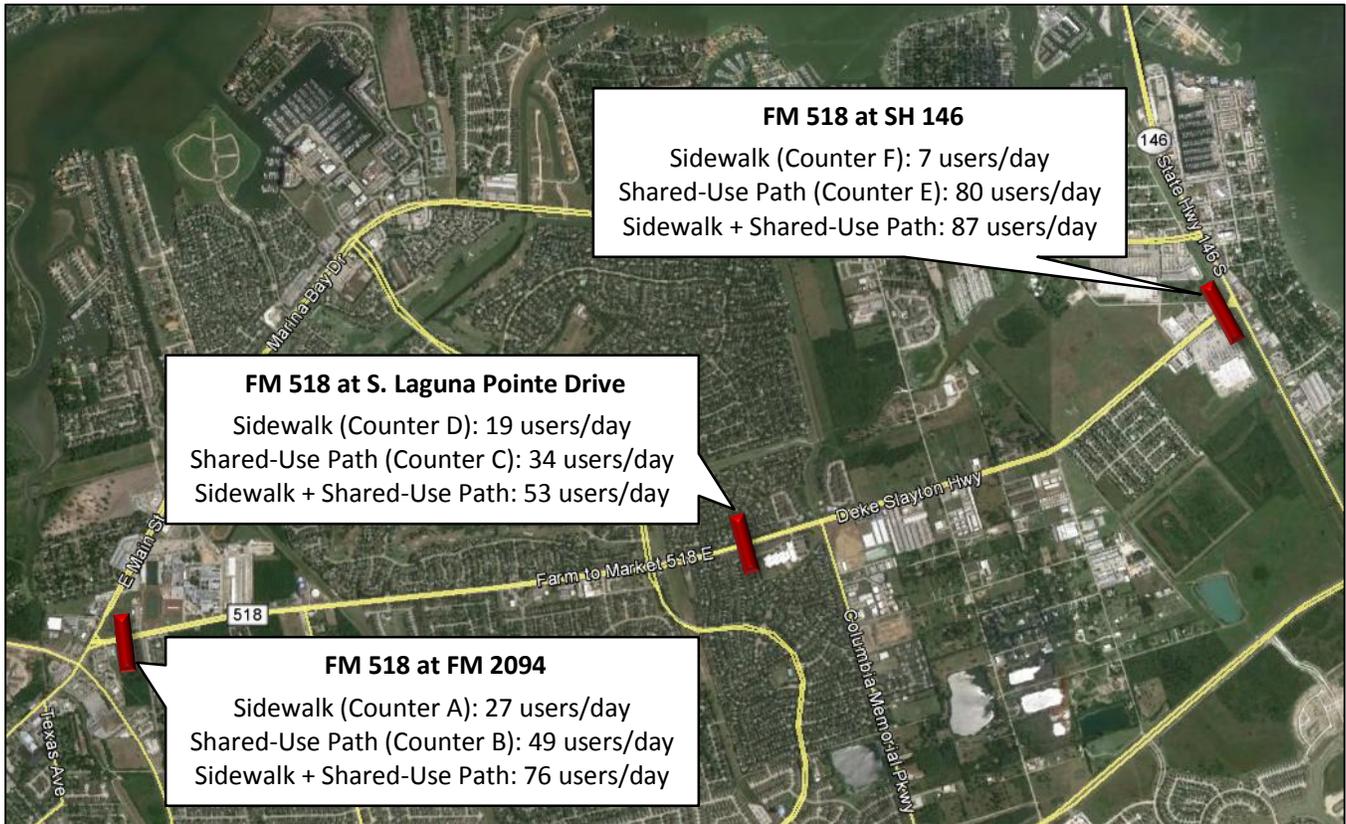


Hourly Usage			
Time of Day	Average Users Per Hour	Average Users Per Hour (Weekdays)	Average Users Per Hour (Weekends)
12:00 a.m.	0.1	0.1	0.0
1:00 a.m.	0.0	0.0	0.0
2:00 a.m.	0.3	0.4	0.2
3:00 a.m.	0.2	0.3	0.0
4:00 a.m.	0.2	0.1	0.5
5:00 a.m.	0.4	0.2	0.7
6:00 a.m.	0.2	0.3	0.2
7:00 a.m.	1.8	2.4	0.7
8:00 a.m.	1.0	1.0	1.0
9:00 a.m.	1.5	1.2	2.2
10:00 a.m.	1.7	1.0	3.0
11:00 a.m.	0.9	0.6	1.5
12:00 p.m.	0.5	0.5	0.3
1:00 p.m.	0.8	0.7	1.0
2:00 p.m.	2.3	1.8	3.2
3:00 p.m.	2.8	2.5	3.3
4:00 p.m.	4.2	4.1	4.3
5:00 p.m.	2.3	2.4	2.2
6:00 p.m.	0.5	0.4	0.7
7:00 p.m.	0.5	0.4	0.7
8:00 p.m.	0.2	0.3	0.0
9:00 p.m.	0.4	0.4	0.3
10:00 p.m.	0.2	0.1	0.5
11:00 p.m.	0.4	0.2	0.8



Combined Usage of Shared-Use Paths and Sidewalks along FM 518

Accommodations for pedestrians and cyclists are provided on both sides of FM 518 between FM 2094 in League City and SH 146 in Kemah. Sidewalks parallel the north side of the roadway, while a shared-use path is adjacent to the south side of the roadway. Temporary pedestrian/bicycle counters were placed along both the sidewalk and shared-use path at select locations. Combining usage along the sidewalk and shared-use path indicates how many pedestrians and cyclists are moving through an area.



Participants

City of League City
www.leaguecity.com

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

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