

Project ID 1311 FM 1097 Project Year 2032

Straight Growth from 2022:

AADT	Year	Growth Rate	Count
	2022	10875	Known Count
	2023	11138	
	2024	11408	
	2025	11684	
	2026	11967	
	2027	12256	
	2028	12553	
	2029	12856	
	2030	13168	
	2031	13486	
	2032	13813	
	2033	14147	

Modified Growth Table:

AADT	Year	Growth Rate	Count
	2022	10875	Known Count
	2023	9679	Known Count
	2024	9913	
	2025	10153	
	2026	10399	
	2027	10650	
	2028	10908	
	2029	11172	
	2030	11443	
	2031	11719	
	2032	12003	
	2033	12294	

Notes:

Volume Count Report

LOCATION INFO	
Location ID	170H10
Type	SPOT
Funct'l Class	5
Located On	FM1097
Loc On Alias	FM1097-KG
Direction	2-WAY
County	Montgomery
Community	-
MPO ID	15
HPMS ID	HPMS ANNUAL SAMPLE
Agency	Texas DOT

INTERVAL: 15-MIN					
Time	15-min Interval				Hourly Count
	1st	2nd	3rd	4th	
0:00-1:00	16	10	10	5	41
1:00-2:00	6	6	8	6	26
2:00-3:00	2	4	3	5	14
3:00-4:00	3	4	13	15	35
4:00-5:00	8	14	15	25	62
5:00-6:00	32	36	54	66	188
6:00-7:00	67	99	155	141	462
7:00-8:00	172	176	177	198	723
8:00-9:00	182	199	208	230	819
9:00-10:00	195	175	188	167	725
10:00-11:00	199	189	186	189	763
11:00-12:00	192	187	226	212	817
12:00-13:00	196	231	222	230	879
13:00-14:00	222	231	219	233	905
14:00-15:00	255	224	223	227	929
15:00-16:00	222	246	247	221	936
16:00-17:00	251	248	249	254	1,002
17:00-18:00	267	263	229	258	1,017
18:00-19:00	240	172	177	135	724
19:00-20:00	124	140	118	99	481
20:00-21:00	96	78	92	83	349
21:00-22:00	78	64	58	42	242
22:00-23:00	44	37	29	31	141
23:00-24:00	26	27	15	17	85
Total					12,365
AADT					11,245
AM Peak					11:30-12:30 865
PM Peak					16:30-17:30 1,033

Peak Volume	Year	Growth Rate	Peak Vol @ Year Open to Traffic
462	2022	5683	2.97% 1.0297
723	2023	5852	
819	2024	6026	
2004	2025	6205	
	2026	6389	
	2027	6579	
	2028	6774	
936	2029	6975	
1002	2030	7182	
1017	2031	7396	
724	2032	7615	
3679	2033	7841	

5683 Total Peak Vol (2023)

COUNT DATA INFO	
Count Status	Accepted
Holiday	No
Start Date	Wed 6/3/2020
End Date	Thu 6/4/2020
Start Time	12:00:00 PM
End Time	12:00:00 PM
Direction	
Notes	
Station	
Study	
Speed Limit	
Description	
Sensor Type	Axle/Tube
Source	
Latitude,Longitude	30.437129, -95.588898

Note: There are no "splits" after 2020. Plan to multiple by 42% per HGAC chart for non-freeway.

The screenshot shows the Traffic Count (TCDS) software interface. On the left, there are navigation tabs (Home, Locate, Locate All, Email This) and a search bar. Below that is a 'Record' list with columns for Location ID, Type, SF Group, AF Group, GF Group, Class Dist Grp, WMM Group, DC Group, Fnc't Class, Located On, and Loc On Alias. A 'STATION DATA' section shows 'Directions: 2-WAY'. Below that is an 'AADT' table with columns for Year, AADT, HWV-30, K%, D%, PA, BC, and Src. A 'Travel Demand Model' table shows various model types and their AADT values. At the bottom, there are 'VOLUME COUNT' and 'VOLUME TREND' tables. The main part of the interface is a Google Map showing the location of the count station (170H10) on FM1097, with a location popup box displaying details like 'Location ID: 170H10', 'Located On: FM1097', 'Direction: 2-WAY', 'Bridge ID: 121700125901011', and 'AADT: 9679 (2023)'. The popup also includes a 'View Detail in a New Search' and 'Go to Record in Current Search' link.

Posted Speed Limit	55	
Estimated Free Flow Speed before Improvement	46.75	85%
Average Peak Period Corridor Speed before Improvement	39.7375	85%
Average RDWY Speed after improvements	52.25	95%

Single directional travel lane, lots of driveways (potential stops). Makes average travel speed just under speed limit for average corridor travel. Lake recreation traffic and normal peak travel commutes

Anticipate minimum posted speed limit to be 55 mph. Spdd limit will should not be increased because bridge ovedr Lake Conroe will still be 2 lanes.