

Project ID 1312 FM 2854 Project Year **2029**

Straight Growth from 2022: Growth Rate 2.51% 1.0251

Modified Growth Table: Growth Rate 2.51% 1.0251

Notes:

Year	ADT	Known Count
2022	10633	Known Count
2023	10900	Known Count
2024	11173	Known Count
2025	11454	Known Count
2026	11741	Known Count
2027	12036	Known Count
2028	12338	Known Count
2029	12648	Known Count
2030	12965	Known Count
2031	13291	Known Count
2032	13624	Known Count
2033	13966	Known Count

Year	ADT	Known Count
2022	10633	Known Count
2023	14511	Known Count
2024	14875	Known Count
2025	15249	Known Count
2026	15631	Known Count
2027	16024	Known Count
2028	16426	Known Count
2029	16838	Known Count
2030	17261	Known Count
2031	17694	Known Count
2032	18138	Known Count
2033	18593	Known Count

**Traffic Count (TCDS)**

MS2

Home Locate Locate All Email This Auto-Locate

Report Center

Record 1 of 1 Goto Record

Location ID: 170H30 MPO ID: 15  
 Type: SPOT HPMS ID: ASSIGNED  
 SF Group: STATEWIDE FC 5 Route Type: FM  
 AF Group: M1141\_SE Route: 2854  
 GF Group: HOUSTON FC 5 Active: Yes  
 Class Dist Grp: M1141\_SE Category: ANNUAL ACR  
 Sens Class Grp: STATEWIDE  
 WIM Group: Statewide  
 QC Group: Volume Group 2  
 Fnc't Class: 5-Major Collector  
 Located On: FM2854  
 Loc On Alias: FM2854-KG

STATION DATA  
 Directions: 2-WAY

Year	ADT	Dirv.30	K %	D %	PA	BC	Src
2023	14,511	1,184	8		13,695 (94%)	816 (5%)	AGO
2022	10,633				10,063 (95%)	570 (5%)	
2021	10,127	955	9		9,427 (93%)	700 (7%)	
2020	9,804	1,003	10		9,118 (93%)	686 (7%)	
2019	10,971	903	8		10,232 (93%)	739 (7%)	

Travel Demand Model

Model Year	Model ADT	AM PHV	AM PPV	MD PHV	MD PPV	PM PHV	PM PPV	NT PHV	NT PPV
2023	14,511								

VOLUME COUNT

Date	Int	Total
Mon 2/6/2023	15	15,662
Mon 3/1/2021	15	10,737
Wed 6/3/2020	15	10,893
Mon 3/11/2019	15	11,475
Tue 2/27/2018	15	12,489
Mon 6/15/2017	15	12,679
Wed 6/10/2015	-	9,349
Mon 3/10/2014	15	9,349
Mon 1/26/2013	15	8,501
Mon 12/18/2011	15	2,264

VOLUME TREND

Year	Annual Growth
2024	-12%
2023	36%
2022	5%
2021	3%
2020	-11%
2019	-13%
2018	5%
2017	33%
2016	5%
2015	0%

SPEED

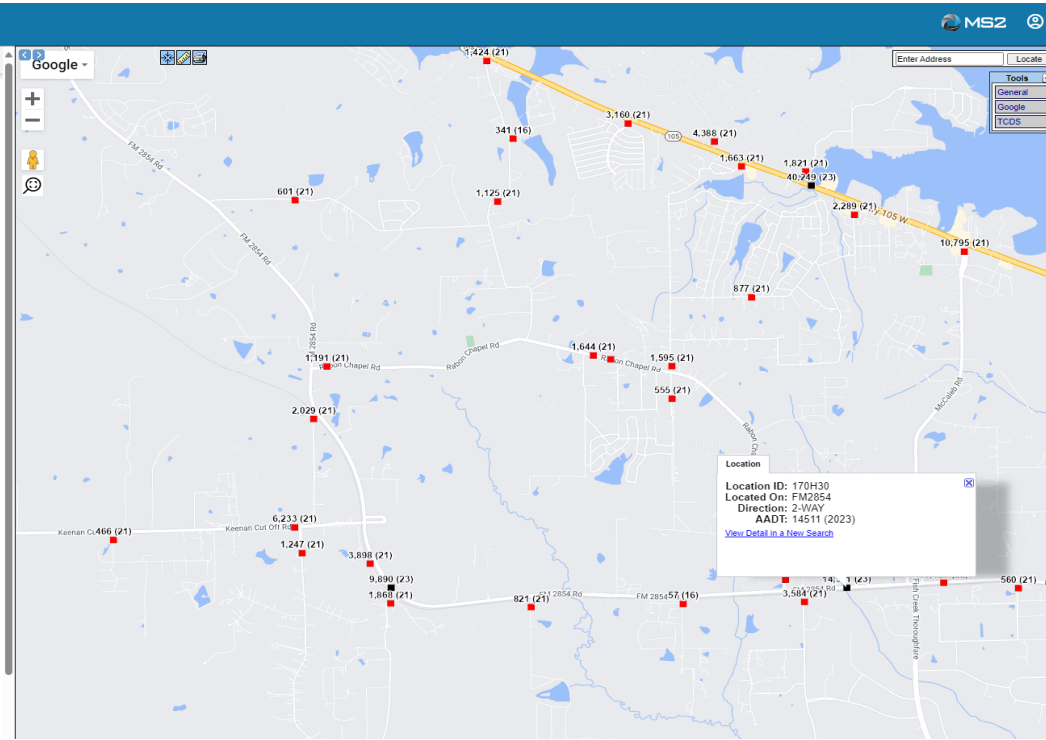
Date	Int	Pace	80th	Total
No Data				

CLASSIFICATION

Date	Int	Total
No Data		

WEIGH-IN MOTION

PER VEHICLE



Posted Speed Limit	60	Project is half 45 half 60.
Estimated Free Flow Speed before Improvement	48	Single directional travel lane, lots of driveways (potential stops). Makes average travel speed just under speed limit for average corridor travel.
Average Peak Period Corridor Speed before Improvement	31.2	Heavy Mix of school traffic and normal peak travel commutes
Average RDWY Speed after improvements	57	Anticipate minimum posted speed limit to be 55 mph

**Volume Count Report**

LOCATION INFO

Location ID	170H30
Type	SPOT
Fnc't Class	5
Located On	FM2854
Loc On Alias	FM2854-KG
Direction	2-WAY
County	Montgomery
Community	-
MPO ID	15
HPMS ID	ASSIGNED
Agency	Texas DOT

INTERVAL: 15-MIN

Time	15-min Interval				Hourly Count
	1st	2nd	3rd	4th	
0:00-1:00	9	7	4	8	28
1:00-2:00	6	9	5	3	23
2:00-3:00	7	5	3	7	22
3:00-4:00	10	11	9	9	39
4:00-5:00	15	25	23	46	109
5:00-6:00	57	81	94	118	350
6:00-7:00	140	162	321	336	959
7:00-8:00	245	282	307	316	1,150
8:00-9:00	274	288	302	246	1,110
9:00-10:00	225	217	260	246	948
10:00-11:00	278	244	234	239	995
11:00-12:00	238	253	254	285	1,030
12:00-13:00	278	279	288	224	1,069
13:00-14:00	247	234	208	219	908
14:00-15:00	255	235	221	224	935
15:00-16:00	287	271	275	284	1,117
16:00-17:00	299	286	324	318	1,227
17:00-18:00	277	335	310	290	1,212
18:00-19:00	235	206	171	154	766
19:00-20:00	153	124	98	86	461
20:00-21:00	74	62	78	78	312
21:00-22:00	61	34	48	30	173
22:00-23:00	20	25	18	25	88
23:00-24:00	22	12	11	6	51
Total					15,082
AADT					14,511
AM Peak					07:30-08:30 1,185
PM Peak					16:30-17:30 1,254

Year	Peak Volume	Peak Vol @ Year Open to Traffic	Growth Rate
2022	959		5.53%
2023	1150	Peak	
2024	1110		7541
2025	3219		7958
2026			8398
2027			8863
2028			9353
2029	1117		9870
2030	1227		10416
2031	1212		10992
2032	766		11599
2033	4322		12241
			12918

7541 Total Peak Vol (2023)

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	1st	2nd	3rd	4th	
0:00-1:00	7	8	3	6	24
1:00-2:00	4	3	2	4	13
2:00-3:00	5	3	3	8	19
3:00-4:00	1	2	7	7	17
4:00-5:00	11	21	20	25	77
5:00-6:00	45	48	59	71	223
6:00-7:00	92	135	201	269	697
7:00-8:00	217	235	253	238	943
8:00-9:00	238	233	170	154	795
9:00-10:00	157	165	174	155	651
10:00-11:00	141	137	137	122	537
11:00-12:00	146	156	138	165	605
12:00-13:00	159	169	185	182	695
13:00-14:00	155	152	174	172	653
14:00-15:00	172	207	149	225	753
15:00-16:00	238	224	213	235	910
16:00-17:00	280	246	242	227	995
17:00-18:00	253	256	231	165	905
18:00-19:00	162	149	122	91	524
19:00-20:00	95	73	73	52	293
20:00-21:00	48	51	34	42	175
21:00-22:00	41	36	21	33	131
22:00-23:00	21	13	15	10	59
23:00-24:00	16	11	13	3	43
Total					10,737
AADT					10,127
AM Peak					06:45-07:45 974
PM Peak					15:45-16:45 1,003

COUNT DATA INFO

Count Status	Accepted
Holiday	No
Start Date	Mon 3/1/2021
End Date	Tue 3/2/2021
Start Time	6:00:00 AM
End Time	6:00:00 AM
Direction	
Notes	
Station	
Study	
Speed Limit	
Description	
Sensor Type	Axle/Tube
Source	
Latitude,Longitude	30.319117, -95.596448