Project ID 1313 FM 2432 Project Year 2031

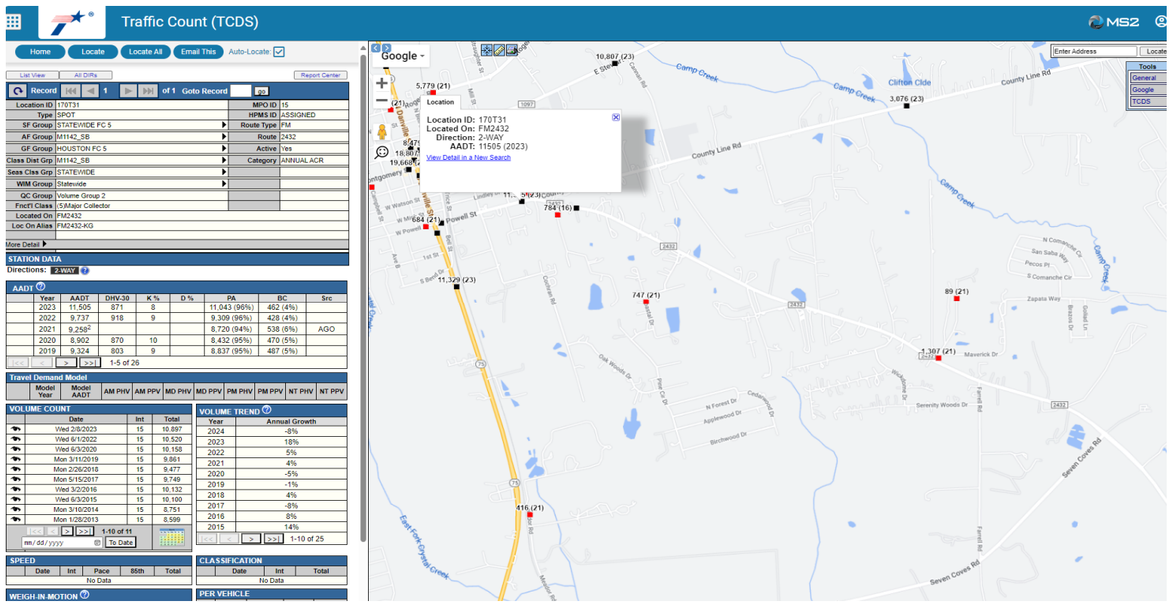
Straight Growth from 2022:

		Growth Rate	2.42%	1.0242
AADT	2022	9737	Known Count	
	2023	9973		
	2024	10214		
	2025	10461		
	2026	10714		
	2027	10974		
	2028	11239		
	2029	11511		
	2030	11790		
	2031	12075		
	2032	12367		
	2033	12667		

Modified Growth Table:

		Growth Rate	2.42%	1.0242
AADT	2022	9737	Known Count	
	2023	11505	Known Count	
	2024	11783		
	2025	12069		
	2026	12361		
	2027	12660		
	2028	12966		
	2029	13280		
	2030	13601		
	2031	13930		
	2032	14268		
	2033	14613		

Notes:



Posted Speed Limit	55	
Estimated Free Flow Speed before Improvement	46.75	Single directional travel lane, lots of driveways (potential stops). Makes average travel speed just under speed limit for average corridor travel. 85%
Average Peak Period Corridor Speed before Improvement	39.7375	Mix of school traffic and normal peak travel commutes 85%
Average RDWY Speed after improvements	49.5	Anticipate minimum posted speed limit to be 55 mph

Volume Count Report

LOCATION INFO

Location ID	170T31
Type	SPOT
Fnct'l Class	5
Located On	FM2432
Loc On Alias	FM2432-KG
Direction	2-WAY
County	Montgomery
Community	Willis
MPO ID	15
HPMS ID	ASSIGNED
Agency	Texas DOT

COUNT DATA INFO

Count Status	Accepted
Holiday	No
Start Date	Wed 2/8/2023
End Date	Thu 2/9/2023
Start Time	5:00:00 AM
End Time	5:00:00 AM
Direction	
Notes	
Station	
Study	
Speed Limit	
Description	
Sensor Type	Axle/Tube
Source	
Latitude,Longitude	30.422029, -95.47258

INTERVAL:15-MIN

Time	15-min Interval 1st	2nd	3rd	4th	Hourly Count
0:00-1:00	9	11	8	15	43
1:00-2:00	10	7	6	5	28
2:00-3:00	5	7	6	3	21
3:00-4:00	10	9	7	14	40
4:00-5:00	17	18	35	33	103
5:00-6:00	35	51	58	80	224
6:00-7:00	80	120	153	181	534
7:00-8:00	193	162	216	207	778
8:00-9:00	177	174	140	153	644
9:00-10:00	125	152	141	124	542
10:00-11:00	115	133	133	131	512
11:00-12:00	156	158	186	172	672
12:00-13:00	146	177	159	159	641
13:00-14:00	195	178	189	187	749
14:00-15:00	153	179	159	154	645
15:00-16:00	186	193	229	191	799
16:00-17:00	236	215	223	217	891
17:00-18:00	244	225	203	230	902
18:00-19:00	228	189	190	139	746
19:00-20:00	165	144	125	130	564
20:00-21:00	90	89	88	73	340
21:00-22:00	81	77	52	32	242
22:00-23:00	38	44	43	24	149
23:00-24:00	34	18	23	13	88
Total					10,897
AADT					11,505
AM Peak					07:00-08:00 778
PM Peak					16:30-17:30 909

Volume Count Report

LOCATION INFO

Location ID	170T31
Type	SPOT
Fnct'l Class	5
Located On	FM2432
Loc On Alias	FM2432-KG
Direction	2-WAY
County	Montgomery
Community	Willis
MPO ID	15
HPMS ID	ASSIGNED
Agency	Texas DOT

COUNT DATA INFO

Count Status	Accepted
Holiday	No
Start Date	Wed 6/1/2022
End Date	Thu 6/2/2022
Start Time	11:15:00 AM
End Time	11:15:00 AM
Direction	
Notes	
Station	
Study	
Speed Limit	
Description	
Sensor Type	Axle/Tube
Source	
Latitude,Longitude	30.421898, -95.472258

INTERVAL:15-MIN

Time	15-min Interval 1st	2nd	3rd	4th	Hourly Count
0:00-1:00	22	32	22	11	87
1:00-2:00	9	6	5	9	29
2:00-3:00	9	5	4	6	24
3:00-4:00	7	10	9	23	49
4:00-5:00	17	18	23	36	94
5:00-6:00	27	42	53	86	208
6:00-7:00	80	122	139	158	499
7:00-8:00	141	177	169	154	641
8:00-9:00	141	147	139	141	568
9:00-10:00	133	128	128	122	511
10:00-11:00	122	135	131	142	530
11:00-12:00	134	131	136	161	562
12:00-13:00	166	169	164	150	649
13:00-14:00	156	151	151	157	615
14:00-15:00	173	161	194	172	700
15:00-16:00	161	190	209	200	760
16:00-17:00	178	177	191	208	754
17:00-18:00	250	224	227	256	957
18:00-19:00	195	233	179	170	777
19:00-20:00	143	118	127	105	493
20:00-21:00	113	108	114	105	440
21:00-22:00	91	71	64	51	277
22:00-23:00	47	37	44	40	168
23:00-24:00	40	37	28	23	128
Total					10,520
AADT					9,737
AM Peak					11:45-12:45 660
PM Peak					17:00-18:00 957

Peak Volume			Peak Vol @ Year Open to Traffic		
534				Growth Rat	4.34% 1.0434
778	Peak	2022	-		
644		2023	5294		
1956		2024	5524		
		2025	5763		
		2026	6014		
		2027	6275		
		2028	6547		
799		2029	6831		
891		2030	7128		
902		2031	7437		
746		2032	7760		
3338					

5294 Total Peak Vol (2023)