Project Year 2030 Project ID 1303 FM 1486

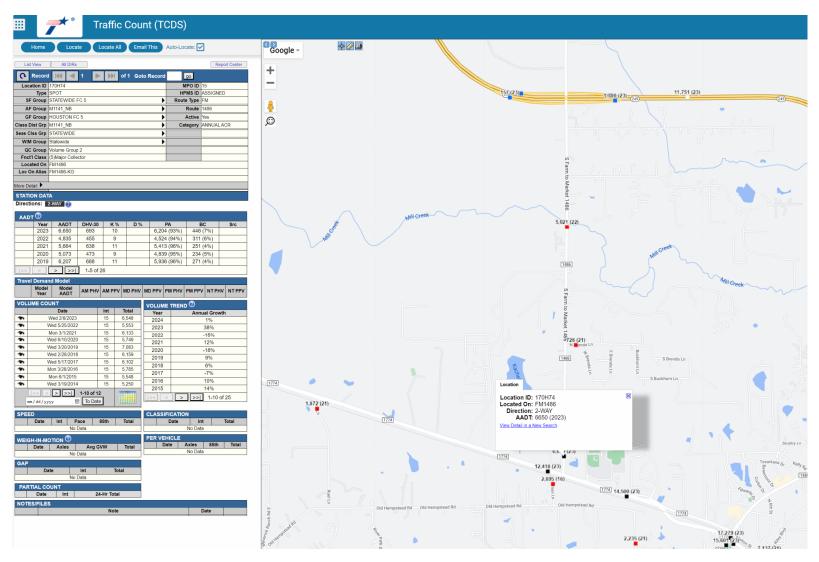
Straight Growth from 2022:

## Modified Growth Table:

Based on AADT history, 2022 was a "dip" year. We decided to incorpoarte the known 2023 AADT counts into our growth table. We then projected out to Opening Year using the HGAC growth numbers.

Growth Rate 2.51% 1.0251 Growth Rate 2.51% 1.0251 AADT 4835 Known Count AADT Known Count Known Count 

Will use peak splits from 2023.



Posted Speed Limit	60		
		Single directional travel lane, lots of driveways (potential stops). Makes average travel speed just	
Estimated Free Flow Speed before Improvement	51	under speed limit for average corridor travel. 85%	
Average Peak Period Corridor Speed before Improvement	43.35	Mix of school traffic and normal peak travel commutes 85% of free flow	,
Average RDWY Speed after improvements	58.2	97%	

Volume Count Report							
LOCATION IN	÷0						
Location ID	170H74						
Туре	SPOT						
Fnct'l Class	5						
Located On	FM1486						
Loc On Alias	FM1486-KG						
Direction	2-WAY						
County	Montgomery						
Community	-						
MPO ID	15						
HPMS ID	ASSIGNED						
Agency	Texas DOT						

Count Status	Accepted
Holiday	No
Start Date	Wed 2/8/2023
End Date	Thu 2/9/2023
Start Time	10:45:00 AM
End Time	10:45:00 AM
Direction	
Notes	
Station	
Study	
Speed Limit	
Description	
Sensor Type	Axle/Tube
Source	
atitude,Longitude	30.218673, -95.770798

INTERVAL:15-M	IN						
	1	5-min	Interv	al	Hourly		
Time	1st	2nd	3rd	4th	Count		
0:00-1:00	10	8	5	3	26		
1:00-2:00	4	3	2	1	10		
2:00-3:00	3	3	2	3	11		
3:00-4:00	0	4	3	4	11		Peak Volume
4:00-5:00	5	14	18	13	50		r cak votame
5:00-6:00	21	31	41	59	152		
6:00-7:00	101	153	216	253	723		723
7:00-8:00	192	119	132	125	568		568
8:00-9:00	124	93	87	84	388		388
9:00-10:00 📵	74	64	91	82	311		1679
10:00-11:00	77	80	72	57	286		
11:00-12:00	75	84	89	89	337		
12:00-13:00	94	93	94	77	358		
13:00-14:00	84	64	102	97	347		
14:00-15:00	104	107	153	138	502		451
15:00-16:00	103	105	128	115	451		
16:00-17:00	144	139	121	119	523		523
17:00-18:00	141	131	137	115	524	524	
18:00-19:00	107	114	92	73	386		386
19:00-20:00	71	58	53	40	222		1884
20:00-21:00	47	44	36	37	164		
21:00-22:00	26	15	23	19	83		
22:00-23:00	29	17	24	15	85		
23:00-24:00	10	10	4	6	30		3563 To
Total					6,548		0303 10
AADT					6 650	1	

	192	119	132	125	568		568	Peak
	124	93	87	84	388	_	388	
•	74	64	91	82	311	_	1679	
00	77	80	72	57	286			
)	75	84	89	89	337			
0	94	93	94	77	358			
0	84	64	102	97	347			
0	104	107	153	138	502		451	
0	103	105	128	115	451			
0	144	139	121	119	523		523	
0	141	131	137	115	524	524		
)	107	114	92	73	386	_	386	
0	71	58	53	40	222	_	1884	
0	47	44	36	37	164			
0	26	15	23	19	83			
)	29	17	24	15	85			
)	10	10	4	6	30		2562 Total	Peak Vol (2023
					6,548	<u> </u>	3303 10141	. Feak VUI (2023
					6,650			
				06:	15-07:15			
					814			
				16:	45-17:45 528			
					OLO	l		

Peak Vol @ Year Open to Traffic

Growth Rate 5.91% 1.0591

70H74 POT  M1486 M1486-KG -WAY fontgomery  5 SSIGNED	Time 0:00-1:00 1:00-2:00 2:00-3:00 3:00-4:00 4:00-5:00 5:00-6:00	1st 8 4 2 3 7	5-min 2nd 4 2 2 2 4	3rd 3 4 3	4th 2 1 4	Hourly Count 17 11
M1486 M1486-KG WAY fontgomery	0:00-1:00 1:00-2:00 2:00-3:00 3:00-4:00 4:00-5:00	8 4 2 3 7	4 2 2 4	3 4 3	1 4	17
M1486 M1486-KG -WAY Iontgomery	1:00-2:00 2:00-3:00 3:00-4:00 4:00-5:00	4 2 3 7	2 2 4	4	1 4	11
M1486-KG -WAY fontgomery	2:00-3:00 3:00-4:00 4:00-5:00	3	2	3	4	
-WAY Iontgomery	3:00-4:00 4:00-5:00	3 7	4	-		11
fontgomery 5	4:00-5:00	7		4		
5			0		4	15
	5:00-6:00		0	14	18	47
		25	25	31	36	117
SSIGNED	6:00-7:00	57	56	77	70	260
	7:00-8:00	90	103	114	95	402
exas DOT	8:00-9:00	87	94	89	100	370
	9:00-10:00 📵	75	65	59	90	289
	10:00-11:00	62	70	66	73	271
IFO	11:00-12:00	63	59	77	85	284
s Accepted	12:00-13:00	91	90	83	85	349
y No	13:00-14:00	85	84	74	75	318
Wed 5/25/2022	14:00-15:00	80	76	74	88	318
Thu 5/26/2022	15:00-16:00	83	94	83	91	351
10:00:00 AM	16:00-17:00	99	118	98	119	434
10:00:00 AM	17:00-18:00	118	112	128	112	470
n	18:00-19:00	148	103	97	71	419
s	19:00-20:00	78	81	56	61	276
ו	20:00-21:00	52	67	43	54	216
/	21:00-22:00	47	38	43	40	168
t	22:00-23:00	20	23	26	16	85
1	23:00-24:00	18	10	15	12	55
	Total					5,553
•	AADT					4,835
30.217779, -95.770901	AM Peak				07:	00-08:00 402
	PM Peak				17	15-18:15
	Accepted  / No	10:00-11:00	10:00-11:00   62	(a) 10:00-11:00 62 70  11:00-12:00 63 59  12:00-13:00 91 90  13:00-14:00 85 84  13:00-14:00 85 84  14:00-15:00 80 76  15:00-16:00 83 94  16:00-17:00 99 118  17:00-18:00 118 112  18:00-19:00 78 81  20:00-21:00 52 67  21:00-22:00 47 38  22:00-23:00 20 20 23  23:00-24:00 18 10  Total  AADT  AM Peak	(a) 10:00-11:00 62 70 68 11:00-12:00 63 59 77 12:00-13:00 91 90 83 13:00-14:00 85 84 74 11:00-12:00 80 76 76 74 15:00-16:00 80 76 74 15:00-16:00 80 76 74 15:00-16:00 80 76 74 15:00-16:00 80 76 74 15:00-16:00 80 76 74 15:00-16:00 80 76 74 15:00-16:00 80 76 74 15:00-16:00 80 76 74 15:00-16:00 80 76 74 15:00-16:00 80 78 81 80 10:00-17:00 148 100 97 19:00-20:00 148 100 97 19:00-20:00 78 81 56 20:00-21:00 52 67 43 11 10 15 15 15:00-19:00 148 10 15 15 15:00-19:00 15:00	10:00-11:00   62   70   66   73     11:00-12:00   63   59   77   85     12:00-13:00   91   90   83   85     12:00-13:00   85   84   74   75     13:00-14:00   85   84   74   75     14:00-16:00   80   76   74   88     15:00-16:00   83   94   83   91     10:00:00 AM   16:00-17:00   99   118   98   119     10:00:00 AM   17:00-18:00   118   112   128   112     10:00-19:00   148   103   97   71     19:00-20:00   78   81   56   61     10:00-19:00   78   81   56   61     10:00-20:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   56   61     10:00-12:00   78   81   78     10:00-12:00   78   78     10:00-12:00   78   78     10:00-12:00   78   78     10:00-12:00   78   78     10:00-12:00   78   78     10:00-12:00   78   78     10:00-12:00   78   78     10:00-12:00   78   78     10:0

AM Peak

PM Peak