

Project ID 1307 IH 45 Ramp Imp. Project Year 2030

Straight Growth from 2022:

Year	ADT	Growth Rate	2030
2022	231484	Known Count	1.0251
2023	237294		
2024	243250		
2025	249356		
2026	255615		
2027	262031		
2028	268608		
2029	275350		
2030	282261		
2031	289346		

Modified Growth Table:

Year	ADT	Growth Rate	2030
2022	231484	Known Count	1.0251
2023	243893	Known Count	
2024	250015		
2025	256290		
2026	262723		
2027	269317		
2028	276077		
2029	283007		
2030	290110		
2031	297392		

Notes:

Peak Vol @ Year Open to Traffic

NO PEAK Hour Splits available

Percentage of ADT in Peak Period Traffic:	
Freeway	45%
Non Freeway	43%

2022 Peak 231484 x 45% 104168

Year	Peak	Growth Rate	2030
2022	104168	2.82%	1.0282
2023	107106		
2024	110126		
2025	113231		
2026	116425		
2027	119708		
2028	123084		
2029	126554		
2030	130123		
2031	133793		

Posted Speed Limit	65	Freeway	
Estimated Free Flow Speed before Improvement	52	Single directional travel lane, lots of driveways (potential stops). Makes average travel speed just under speed limit for average corridor travel.	80%
Average Peak Period Corridor Speed before Improvement	26	Heavy traffic during peak hours	50%
Average RDWV Speed after improvements	61.75	Anticipate minimum posted speed limit to be 55 mph	95%