

WisDOT TRAFFIC FORECAST REPORT

PROJECT ID(S): 1360-12-22

ROUTE(S): Good Hope Rd & 107th St
Region/COUNTY(IES): SE/Milwaukee

LOCATION: Bridges over STH 145

COMPLETED: 8/7/2017

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**Design Values (%)**

Site(s)	402667		
Route(s)	Good Hope Rd		
Volume(s)	49420		
Site Growth %	0.62%		
K250	9.8		
K100	10.6		
K30	11.0		
P	12.2		
D(Dsgn. Hr.)	59/41		
T(DHV)	6.3		
T(PHV)	5.5		

Truck Classification

AADTT	3110		
2D	3.4		
3AX	0.6		
2S1+2S2	0.7		
3-S2	2.5		
DBL-BTM	0.1		
Total %	7.3%		

Full Vehicle Classification

Site(s)	402667		
Route(s)	Good Hope Rd		
MC	0.45		
CARS	74.38		
SU2-4	17.88		
BUSES	0.56		
SU2-6	2.81		
SU3	0.41		
SU4+	0.14		
ST4-	0.71		
ST5	2.31		
ST6+	0.21		
MUS-	0.05		
MU6	0.06		
MU7+	0.02		

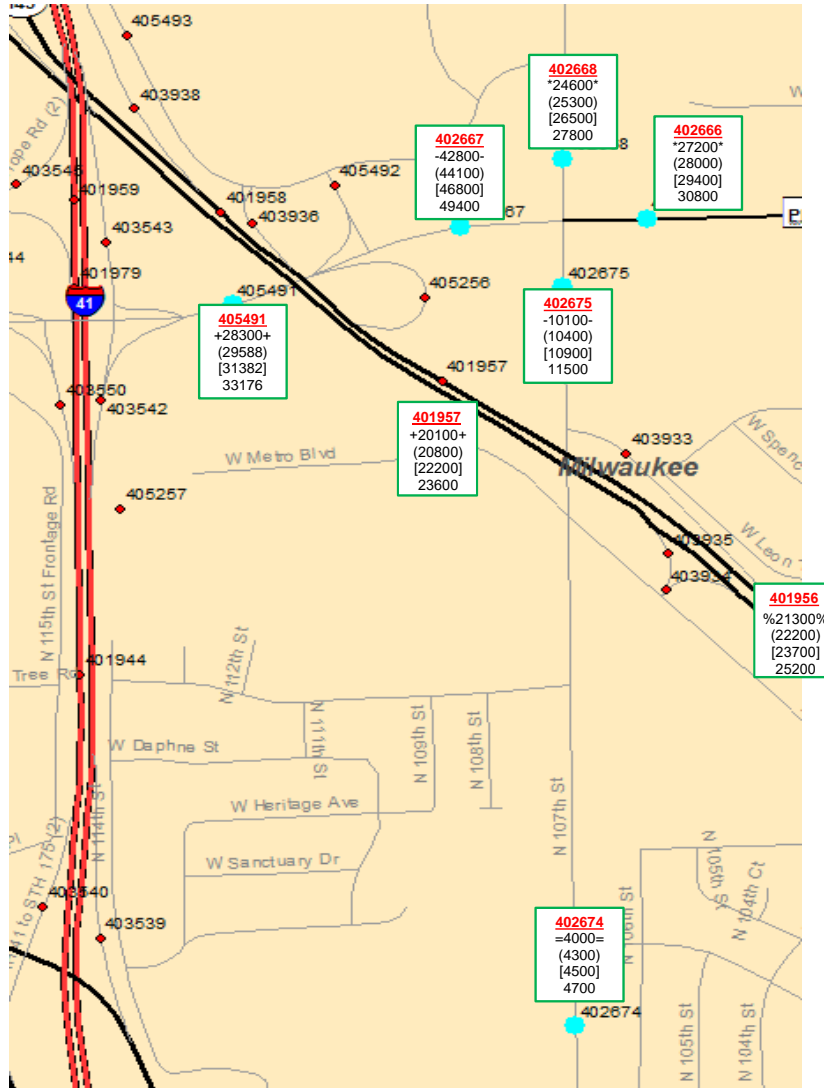


SITE ID = Colored, bolded, and underlined.

Symbol	Count	Symbol	Forecast
-000-	2017 Count	(000)	2022 AADT
000	2016 Count	[000]	2032 AADT
+000+	2015 Count	000	2042 AADT
%000%	2014 Count		
=000=	2007 Count		

NOTES ON THE FORECAST:

- This project does not fall within any Wisconsin Travel Demand Model. No significant development is expected to occur in the area.
- Truck percentages were taken from AC14 Report. The length based data lines up well with overall truck percentage from past intersection counts.
- Good Hope Rd. is a Factor Group II (Urban - Other) roadways (indicating low to moderate fluctuation in traffic from a seasonal perspective). It is functionally classified as an Urban Principal Arterial (14) for count purposes. 107th St is functionally classified as an Urban Minor Arterial (16).
- Historical regression to generate the forecast values. Changes were made as needed.
- Design Values (P, K30, K100, K250, and D(Dsgn Hr)) come from site 402667 just south of the project area.



Site ID	Road Name	COUNT	2022	2032	0	0	0	0	0	2042	Growth Rate	Notes
405491	GOOD HOPE RD BTWN IH 41 & STH 145 MILWAUKEE	28,333	29,588	31,382						33,176	0.63%	1999-2015 Regression: 0.63% & 33176 veh. Regression excludes 2014 & '06 counts because volume deviates from general trend.
402667	W GOOD HOPE RD WEST OF N 107TH ST MILWAUKEE	42,777	44,105	46,761						49,417	0.62%	1995-2017 Regression: 0.62% & 49417 veh. Regression excludes 2010, '09, '06, '04, & '03 counts because volume deviates from general trend.
402666	W GOOD HOPE RD EAST OF N 107TH ST MILWAUKEE - HPMS	27,218	28,035	29,396						30,757	0.50%	1995-2016 Regression: 0.34% & 29642 veh. Apply 0.50% GR.
402674	N 107TH ST NORTH OF W MILL RD MILWAUKEE	4,031	4,333	4,535						4,736	0.50%	1995-2007 Regression: 0.46% & 4679 veh. Apply 0.50% GR.
402675	N 107TH ST SOUTH OF W GOOD HOPE RD MILWAUKEE	10,116	10,389	10,935						11,481	0.54%	1998-2017 Regression: 0.54% & 11481 veh.
402668	N 107TH ST NORTH OF W GOOD HOPE RD MILWAUKEE	24,564	25,301	26,529						27,757	0.50%	1995-2016 Regression: 0.30% & 26469 veh. Regression excludes 2007 count because volume deviates from general trend. Apply 0.50% GR.