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June 1, 2023

Mr. Michael Wrinn
Director of Planning & Land Use Management/Town Planner
Town of Wilton
Town Annex
238 Danbury Road
Wilton, Connecticut 06897

Subject **Updated Traffic Evaluation – Proposed Residential Development – 12 Godfrey Place,
Wilton, Connecticut (F5805.00)**

Dear Mr. Wrinn:

The new proposal is for 40 residential units, which is a reduction from the previous proposal of 42 residential units. The reduction of 2 units will result in a reduction in site traffic of one vehicle trip end during both the weekday morning and weekday afternoon peak hours. When compared to the existing office building, the proposed 40 residential units will generate a total of 2 less vehicle trip ends during the weekday morning peak hour and the same total traffic during the weekday afternoon peak hour. Table 1 provides the site traffic comparison between the existing office building and the proposed 40 residential units in more detail.

In addition, a crash experience summary for the entire roadway length of Godfrey Place and Hubbard Road was conducted. Crash data was obtained from the Connecticut Crash Data Repository (CCDR) from January 1, 2017 to December 31, 2022. Typically a crash analysis is based on the latest three years; however, due to the pandemic we have included the latest 6 years, to be conservative. This includes the three full years prior to the pandemic. Crash data from the CCDR is accepted by the Connecticut Department of Transportation (CTDOT) and municipalities.

For the section of Godfrey Place, between Old Ridgefield Road and Hubbard Road, there was one crash recorded during this six-year period. Data indicates that it was limited to property damage. The collision type was a rear-end collision with a contributing factor of following too closely. It was found that the crash occurred during daylight hours and on dry road conditions. The crash occurred near the Old Ridgefield Road intersection.

For the section of Hubbard Road, between Godfrey Place and Old Ridgefield Road, there was one crash recorded during this six-year period. Data indicates that it was limited to property damage. The collision type was an angle collision with a contributing factor of failure to yield right-of-way. It was found that the crash occurred during daylight hours and on dry road conditions. The crash occurred at the Wilton Town Green driveway. Table 2 provides a more detailed summary of the crash data. Data from the CCDR is attached.

Table 1
 SITE TRAFFIC GENERATION – PEAK HOURS
 Office to Residential Conversion
 12 Godfrey Place
 Wilton, Connecticut

LAND USE	SIZE	TRAFFIC DIRECTION	VEHICLE TRIP ENDS	
			Weekday Morning	Weekday Afternoon
1) Existing General Office Building	10,871 S.F.	Enter	15	3
		Exit	<u>2</u>	<u>13</u>
		Total	17	16
2) Proposed Multifamily Housing (Mid-Rise)	40 Dwelling Units	Enter	3	10
		Exit	<u>12</u>	<u>6</u>
		Total	15	16
Net Difference Site Traffic (2-1)		Enter	-12	7
		Exit	<u>10</u>	<u>-7</u>
		Total	-2	0

Source: "Trip Generation," 11th Edition, published by the Institute of Transportation Engineers (ITE) in 2021 using

- 1) General Office Building, Code #710 average rates.
- 2) Multifamily Housing (Mid-Rise), Code #221 average rates for the weekday morning peak hour and fitted curve equation for the weekday afternoon peak hour.

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Table 2
CRASH EXPERIENCE SUMMARY – GODFREY PLACE/HUBBARD ROAD
Office to Residential Conversion
12 Godfrey Place
Wilton, Connecticut

ACCIDENT CHARACTERISTICS	GODFREY PLACE		HUBBARD ROAD	
	Between Old Ridgefield Road and Hubbard Road		Between Godfrey Place and Old Ridgefield Road	
	Total	%	Total	%
Year				
▪ 2017	0	0	0	0
▪ 2018	0	0	0	0
▪ 2019	0	0	0	0
▪ 2020	0	0	0	0
▪ 2021	0	0	0	0
▪ 2022	1	100	1	100
▪ Total	1	100	1	100
Accident Severity				
▪ Property Damage	1	100	1	100
▪ Injury	0	0	0	0
Collision Type				
▪ Rear-End	1	100	0	0
▪ Angle	0	0	1	100
Contributing Factor				
▪ Following Too Closely	1	100	0	0
▪ Failed to Yield R.O.W.	0	0	1	100
Light Condition				
▪ Daylight	1	100	1	100
Surface Condition				
▪ Dry	1	100	1	100
Weather Conditions				
▪ Clear	1	100	1	100

Source: Connecticut Crash Data Repository from January 1, 2017 to December 31, 2022.

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Mr. Michael Wrinn

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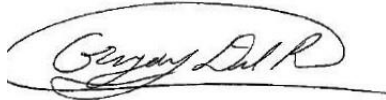
Findings

The findings noted in our Traffic Evaluation Letter dated February 28, 2023 are still appropriate, as there is a slight reduction in site traffic with the proposed reduction in number of units from 42 to 40. Surrounding roadways and intersections will continue to operate similar to the existing condition with the office building. There are no recommended improvements needed for the proposed development.

The crash experience summary indicated a total of one accident on Godfrey Place and one accident on Hubbard Road over a 6 year period. The proposed development will generate similar traffic to the existing office building. No change in accident patterns or rates is expected with the proposed redevelopment.

If you have any questions or comments, please do not hesitate to contact us.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Greg Del Rio", is written over a horizontal line.

Greg Del Rio, PE
Principal Transportation Engineer
Hardesty & Hanover, LLC

Enclosures

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ACCIDENT HISTORY

Dataset: nmucc Date From: 01/01/2017 Date To: 12/31/2022 Towns: Wilton Town & Route: Town: Wilton Route: Godfrey											
CrashId	Date Of Crash	Day of the Week	Time of Crash	Crash Severity	Roadway Name	Landmark Description	Distance From Nearest Landmark	Manner of Crash	Weather Condition	Light Condition	Road Surface
979778	9/29/2022	Thursday	17:41:00	Property Damage Only	GODFREY PL	Old Ridgefield Road	5 Feet W	Front to rear	Clear	Daylight	Dry

Dataset: mmucc
Date From:01/01/2017
Date To:12/31/2022

Towns:Wilton
Town & Route: Town:Wilton
Route:Godfrey

CrashId	Driver Actions 1
979778	No Contributing Action
979778	Followed Too Closely

Dataset: mmucc Date From: 01/01/2017 Date To: 12/31/2022 Towns: Wilton Town & Route: Town: Wilton Route: Hubbard											
CrashId	Date Of Crash	Day of the Week	Time of Crash	Crash Severity	Roadway Name	Landmark Description	Distance From Nearest Landmark	Manner of Crash	Weather Condition	Light Condition	Road Surface
988000	10/31/2022	Monday	15:21:00	Property Damage Only	HUBBARD RD	Godfrey Place	1 Tenths of Mile N	Angle	Clear	Daylight	Dry

Dataset: mmucc
Date From:01/01/2017
Date To:12/31/2022

Towns:Wilton
Town & Route: Town:Wilton
Route:Hubbard

CrashId	Driver Actions 1
988000	No Contributing Action
988000	Failed to Yield Right-of-Way