Dynamic Traffic, LLC
1904 Main Street
Lake Como, NJ 07719
T: 732-681-0760

November 23, 2026

West Orange Township Zoning Board
66 Main Street
West Orange, NJ 07052

Attn: Diana Chandler-Zimmermann

RE: Mavis Tire Supply, LLC
Proposed Automotive Service & Retail Center
460 Prospect Avenue
Block 105, Lot 64.01
Township of West Orange, Essex County, NJ
DTRAF# 1956-24-04212
Application No.: ZB-25-07

Dear Ms. Chandler-Zimmermann,

In response to feedback received during the October 29, 2026 Zoning Board hearing, our office has reviewed crash data along Prospect Avenue in the vicinity of the site. Crash records were requested from the West Orange Police Department over a more than five-year period from January 2021 through November 2026. A diagram showing the locations and types of vehicle crashes during this period is enclosed for reference.

Upon review of the crash records, no crashes were found to have occurred involving vehicles turning in or out of Blueberry Bend or the adjacent business driveway to the north during this period. In addition, no crashes involving northbound U turns occurred at the signalized intersection to the north and no crashes involving southbound U turns occurred at the signalized intersection to the south. It is noted that both the northbound and southbound approaches of Prospect Avenue at the intersection have protected left turn phasing, which generally reduces the incidences of left/U turn crashes. As such, the site driveway and Blueberry Bend are anticipated to continue to operate safely and there is no evidence of safety issues with the turning movements necessary to access the site.

We trust that the additional information contained herein is sufficient to address the concerns raised at the previous hearing. If you should have any additional questions or require any additional information, however, please do not hesitate to contact our office.

Sincerely,

Dynamic Traffic, LLC

Justin Taylor, PE, PTOE
Senior Principal

Patrick Downey, PE, PTOE
Principal

JTT
Enclosures

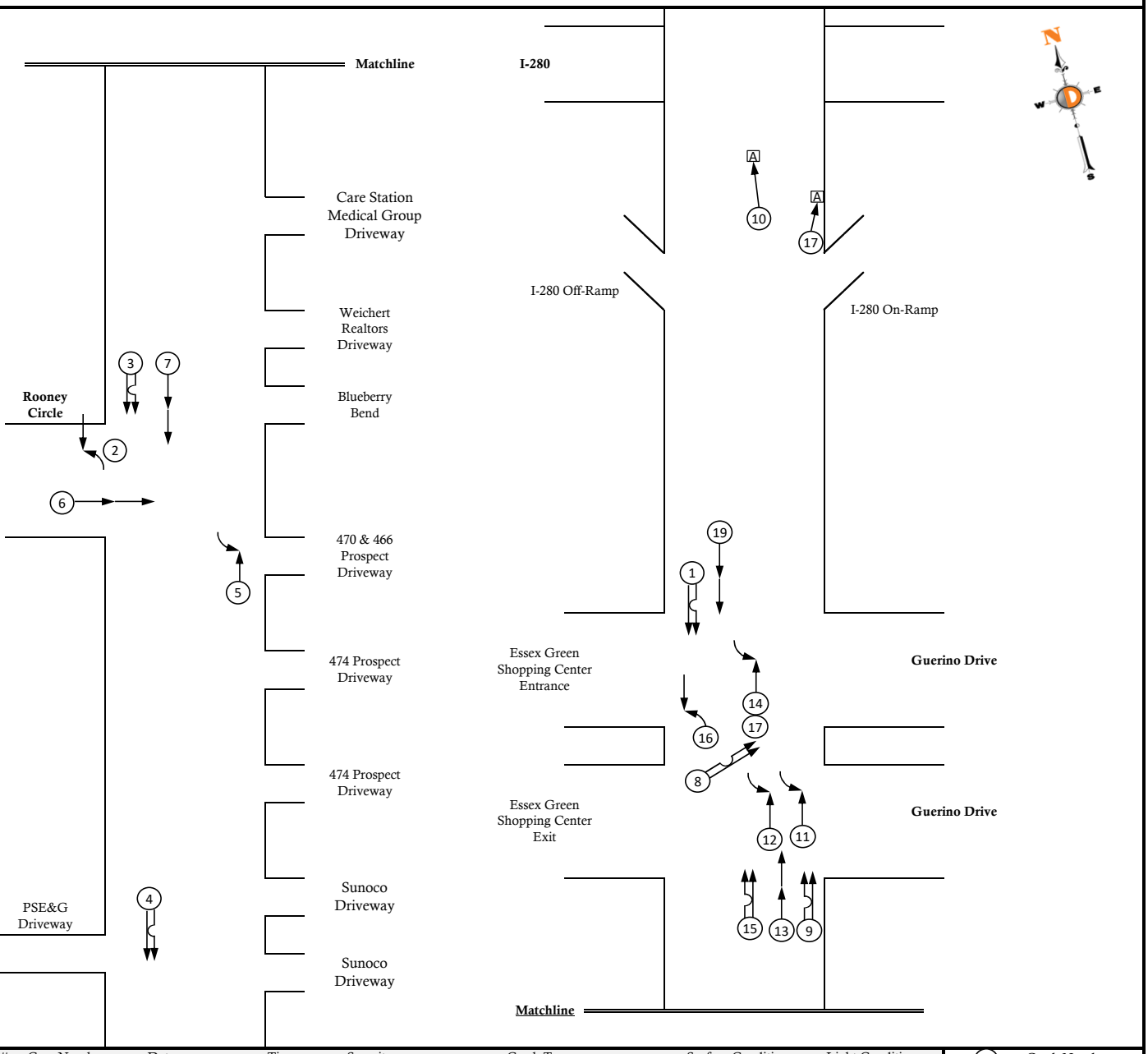
c: Lisa A. John-Basta (via email w/ enclosure)

File: \\decpc.local\trafficfolders\Data\TRAFFIC PROJECTS\1956 Mavis Tire Supply LLC\24-04212 West Orange\Engineering\Crash Analysis\2026-11-20 Crash Analysis\Submission Letter.docx

DYNAMIC TRAFFIC

Location: Prospect Avenue (CR 577) from Rooney Circle to Route 280
Town, County, State: Township of West Orange, Essex County, NJ
DT #: 1956-24-04212
Time Period January 2021 - November 2026

Crash Diagram



#	Case Number	Date	Time	Severity	Crash Type	Surface Condition	Light Condition
1	2024-015882	Wed 06/12/24	3:50 PM	No Apparent Injury	Same Direction - Sideswipe	Dry Surface	Day
2	2024-017422	Thu 06/27/24	7:12 PM	No Apparent Injury	Left Turn / U Turn	Dry Surface	Day
3	2024-013052	Tue 05/14/24	3:04 PM	No Apparent Injury	Same Direction - Sideswipe	Dry Surface	Day
4	2025-005367	Fri 02/14/25	1:14 PM	No Apparent Injury	Same Direction - Sideswipe	Dry Surface	Day
5	2026-015203	Fri 05/08/26	7:01 PM	Possible Injury	Left Turn / U Turn	Dry Surface	Day
6	2024-018042	Thu 07/04/24	12:32 PM	No Apparent Injury	Same Direction - Rear End	Dry Surface	Day
7	2025-012813	Thu 04/17/25	7:33 PM	Suspected Minor Injury	Same Direction - Rear End	Dry Surface	Dusk
8	2024-015769	Tue 06/11/24	3:13 PM	No Apparent Injury	Same Direction - Sideswipe	Dry Surface	Day
9	2024-016098	Fri 06/14/24	11:47 AM	No Apparent Injury	Same Direction - Sideswipe	Dry Surface	Day
10	2024-022417	Thu 08/22/24	12:25 AM	No Apparent Injury	Animal	Dry Surface	Night
11	2026-004840	Thu 02/12/26	12:22 PM	No Apparent Injury	Left Turn / U Turn	Dry Surface	Day
12	2026-007519	Sun 03/08/26	1:56 PM	Suspected Minor Injury	Left Turn / U Turn	Dry Surface	Day
13	2026-011588	Fri 04/10/26	10:35 AM	Possible Injury	Same Direction - Rear End	Dry Surface	Day
14	2026-020039	Tue 06/16/26	8:52 AM	Possible Injury	Left Turn / U Turn	Dry Surface	Day
15	2026-015376	Sun 05/10/26	10:45 AM	No Apparent Injury	Same Direction - Sideswipe	Dry Surface	Day
16	2025-035931	Sun 11/16/25	6:05 PM	No Apparent Injury	Left Turn / U Turn	Dry Surface	Night
17	2026-019474	Thu 06/11/26	5:00 PM	No Apparent Injury	Left Turn / U Turn	Dry Surface	Day
18	2025-035109	Sat 11/08/25	10:56 PM	No Apparent Injury	Animal	Dry Surface	Night
19	2025-030693	Sun 09/28/25	12:17 PM	No Apparent Injury	Same Direction - Rear End	Dry Surface	Day

(#) Crash Number
Moving Vehicle
Backing Vehicle
Parked Vehicle
Pedestrian
Pedalcycle
Fixed Object
N Non-Fixed Object
A Animal
Left Turn
Right Angle
Rear End
Side Swipe
Head On
Out of Control
Encroachment

DYNAMIC TRAFFIC

Location:	Prospect Avenue (CR 577) from Rooney Circle to Route 280
Town, County, State:	Township of West Orange, Essex County, NJ
DT #:	1956-24-04212
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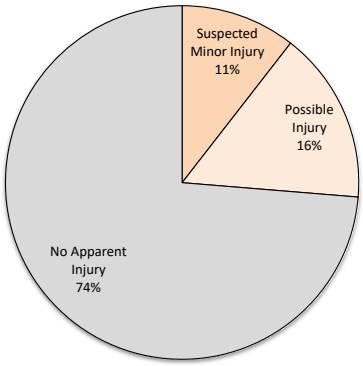
Crash Analysis

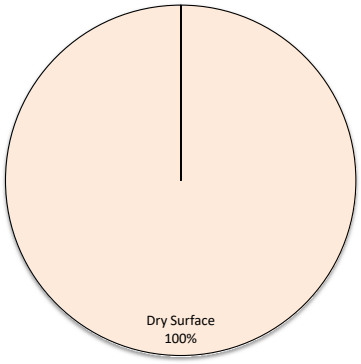
	2021	2022	2023	2024	2025	2026	Total	%
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
	0	0	0	0	0	0	0	-
Non-Fixed Object	0	0	0	0	0	0	0	-
Railcar - Vehicle	0	0	0	0	0	0	0	-
Unknown	0	0	0	0	0	0	0	-
Other	0	0	0	0	0	0	0	-
Total	0	0	0	0	0	0	0	-



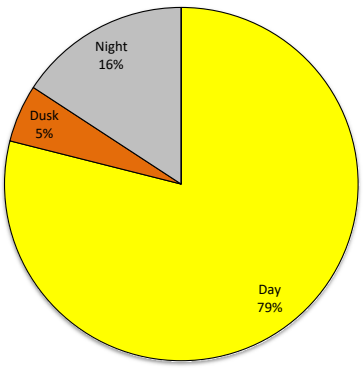
Severity	2021	2022	2023	2024	2025	2026	Total	%
Fatal Injury	0	0	0	0	0	0	0	0%
Suspected Serious Injury	0	0	0	0	0	0	0	0%
Suspected Minor Injury	0	0	0	0	1	1	2	11%
Possible Injury	0	0	0	0	0	3	3	16%
No Apparent Injury	0	0	0	7	4	3	14	74%
Total	0	0	0	7	5	7	19	100%



Surface Condition	2021	2022	2023	2024	2025	2026	Total	%
Dry Surface	0	0	0	7	5	7	19	100%
Wet Surface	0	0	0	0	0	0	0	0%
Snow	0	0	0	0	0	0	0	0%
Ice	0	0	0	0	0	0	0	0%
Unknown	0	0	0	0	0	0	0	0%
Other	0	0	0	0	0	0	0	0%
Total	0	0	0	7	5	7	19	100%



Light Condition	2021	2022	2023	2024	2025	2026	Total	%
Dawn	0	0	0	0	0	0	0	0%
Day	0	0	0	6	2	7	15	79%
Dusk	0	0	0	0	1	0	1	5%
Night	0	0	0	1	2	0	3	16%
Unknown	0	0	0	0	0	0	0	0%
Total	0	0	0	7	5	7	19	100%



DYNAMIC TRAFFIC

Location:	Prospect Avenue (CR 577) from Rooney Circle to Route 2
Town, County, State:	Township of West Orange, Essex County, NJ
DT #:	1956-24-04212
Time Period	January 2021 - November 2026

Crash Analysis Comparison to NJ Averages

*Average NJ crash statistics per 2024 Crash Summary Reports published by NJDOT for County Signalized Intersections as specified below.

