

# Traffic Study

## Introduction

In response to the planner's feedback, Futurestar Childcare, LLC provides this updated traffic study and operational plan. Our goal is to responsibly expand childcare services from 7 to a maximum of 20 children at 7404 New Hampshire Avenue, Takoma Park, MD.

## Clarifications on Staff and Parking

We clarify that our staffing consists of four family members, who will commuting collectively in one vehicle if approved, thus not requiring additional parking. There will one non-resident staff member who does not drive to the facility. For this expansion, any additional staff hired will be from the local community, minimizing the need for extra parking.

## Proposed Staggered Arrival and Departure Times

Our approach to manage traffic flow includes staggered arrival and departure times. This strategy is expected to spread out traffic, decreasing the chances of congestion.

**Table 1: Proposed Staggered Arrival Times for 20 Children**

| Time Interval   | Number of Kids | Anticipated Transportation |
|-----------------|----------------|----------------------------|
| 7:00am - 7:15am | 2              | Walking                    |
| 7:15am - 7:30am | 3              | Walking                    |
| 7:30am - 7:45am | 4              | Walking                    |
| 7:45am - 8:00am | 3              | Car                        |
| 8:00am - 8:15am | 3              | Walking                    |
| 8:15am - 8:30am | 4              | Car                        |
| 8:30am - 8:45am | 1              | Walking                    |

**Table 2: Proposed Staggered Departure Times for 20 Children**

| <b>Time Interval</b> | <b>Number of Kids</b> | <b>Anticipated Transportation</b> |
|----------------------|-----------------------|-----------------------------------|
| 4:00pm - 4:15pm      | 2                     | Walking                           |
| 4:15pm - 4:30pm      | 3                     | Walking                           |
| 4:30pm - 4:45pm      | 4                     | Walking                           |
| 4:45pm - 5:00pm      | 3                     | Car                               |
| 5:00pm - 5:15pm      | 3                     | Walking                           |
| 5:15pm - 5:30pm      | 3                     | Car                               |
| 5:30pm - 5:45pm      | 1                     | Walking                           |

In addressing the concerns regarding potential queuing and traffic impact related to our childcare center's expansion, it is imperative to highlight that the property at 7404 New Hampshire Avenue fronts a service road. This service road offers an additional buffer from the main thoroughfare, allowing for a more controlled and safer environment for vehicular maneuvers related to the childcare center.

Moreover, this service road, specifically designed to accommodate local traffic, significantly reduces any possibility of interference with the main traffic flow on New Hampshire Avenue. This is a crucial factor in mitigating the risk of congestion and queuing during peak hours of operation.

With regards to on-site parking availability, Futurestar Childcare, LLC has two dedicated parking spaces within our driveway. These spaces are reserved explicitly for the drop-off and pick-up activities of parents. The strategic scheduling of arrivals and departures, which are staggered to prevent overlap, ensures that these two spaces are more than sufficient to handle the flow of vehicles. Additionally, the use of the driveway for this purpose means that any brief queuing that may occur will be contained entirely on our property, without spilling over onto the service road or affecting local traffic.

To further our commitment to smooth traffic flow, we will implement a clear and efficient system for parents to follow during drop-off and pick-up times, which includes signage and possible assistance from staff when necessary. This system will expedite the process and prevent any potential delays.

In conclusion, with the service road's presence serving as a critical asset, the availability of on-site parking, and the institution of a well-organized traffic management plan, we are convinced that the expansion of Futurestar Childcare, LLC will not adversely affect local traffic conditions or parking. Our plans are meticulously designed to maintain harmony with community traffic needs, and we trust that these measures will satisfy the concerns raised by the planning staff and the community alike.