

Traffic Management Plan

Dr. Frederick D. Haynes III, Global Preparatory Academy at Paul Quinn College

January 14, 2025

Introduction

The services of Lambeth Engineering Associates, PLLC, (herein Lambeth Engineering) were retained to conduct a traffic management plan (TMP) for Dr. Frederick D. Haynes III, Global Preparatory Academy at Paul Quinn College (Dr. F.D. Haynes III Academy). The purpose of this TMP is to ensure safe vehicular and pedestrian circulation during peak morning drop-off and afternoon pick-up periods. It is our understanding that a traffic impact analysis (TIA) is not needed at this time and has not been conducted. If required by the City of Dallas, a TIA will be performed.

Dr. F.D. Haynes III Academy is a DISD Candidate School where students apply to attend and is not a neighborhood school. The school is currently located at Paul Quinn College serving grades 6 through 10. The new campus is being built on the Paul Quinn College property. DISD plans to develop the campus in two phases, first phase building the high school then second phase building the middle school. There is no set time frame for construction of the middle school, it could be five years or more. This TMP considers the school with two phases, high school only, and high school and middle school combined.

Below is general information about Dr. F.D. Haynes III Academy.

School:

- New Location: 3775 Simpson Stuart Road, Dallas, Texas; Dr. F.D. Haynes III Academy is located on the northeast corner of the Simpson Stuart Road/Highland Hills Drive intersection at Paul Quinn College.
- Existing Location: 3887 Simpson Stuart Road, Dallas, Texas at Paul Quinn College
- School District: Dallas Independent School District (DISD)
- School Times:
 - High School: 9:10 AM – 4:30 PM
 - Middle School: 8:35 AM – 3:55 PM

Zoning:

- Existing Zoning: PD-975
- Proposed Zoning: PD Amendment
- Project: New high school to be built and open approximately in the fall of 2026. Middle school is planned to be constructed at a future date, five or more years away

Students:

- Existing Student Enrollment: The existing campus has 247 students in 6th – 10th grades. Summarized in **Table 1**.

Table 1. Current Enrollment Per Grade

Grade	Current MS Student Enrollment
6 th	70
7 th	65
8 th	65
6th - 8th:	200
9 th	22
10 th	25
9th - 10th:	47
Total:	247

- Projected Student Enrollment: The projected enrollment for the new campus at the new location is summarized in **Table 2** and **Table 3**.

Table 2. Planned Student Enrollment Per Grade – High School Only (Phase 1)

Grade	Planned Student Enrollment
9 th	75
10 th	75
11 th	75
12 th	75
9th - 12th:	300
Total:	300

Table 3. Planned Student Enrollment Per Grade – High School + Middle School (Phase 2)

Grade	Planned Student Enrollment
6 th	75
7 th	75
8 th	75
6th - 8th:	225
9 th	75
10 th	75
11 th	75
12 th	75
9th - 12th:	300
Total:	525

School Access:

- Surrounding Roadways:
 - Simpson Stuart Road: Six-lane, divided roadway
 - Highland Hills Drive: Four-lane, undivided roadway
 - Private Drive through Paul Quinn College: Two-lane, undivided roadway
- Sidewalks to be provided as required per the PD.

Traffic Management Plan

Queue

Lambeth Engineering conducted observations at the current Dr. F.D. Haynes III Academy campus during the process of developing the TMP. Traffic observations were conducted on the following dates and times:

- Wednesday, November 6, 2024 – PM Dismissal
- Tuesday, December 10, 2024 – PM Dismissal
- Wednesday, December 11, 2024 – AM Arrival
- Wednesday, December 11, 2024 – PM Dismissal

The peak queue of parent vehicles picking up students was observed to be about 46 vehicles. For planning purposes, a rate of one parent vehicle per 5.5 students is used for this TMP.

As expected, the peak period of parent vehicles accumulating at the school occurred during the afternoon dismissal period. Most of the traffic clears the campus within ten (10) minutes once school is dismissed. The current traffic pattern is summarized in the **Appendix**.

The projected vehicular accumulations are summarized in **Table 4** and **Table 5** below. As shown, the proposed site plan has adequate space to accommodate all parents on-site.

Table 4. High School TMP Summary

Students	Travel Modes	Projected Parent Vehicles	Planned Queue for Parents On-Site	Additional Parent Queue Space On-Site*	Total On-Site Queue Space	Surplus Queue Space
300 Students	Parents 77%	55 Veh. (1,293 Feet)	58 Veh. (1,352 Feet)	27 Veh. (624 Feet)	85 Veh. (1,976 Feet)	30 Veh. (683 Feet)
	Walkers 3%					
	Buses 20%					
Grades	School Times					
9th - 12th	Beginning: 9:10 AM					
	Dismissal: 4:30 PM					

*An additional 27 vehicles can be accommodated in the north parking lot, if needed.

Table 5. Middle School TMP Summary

Students	Travel Modes	Middle School			High School Staging	Total		
		Projected Parent Vehicles	Planned Queue for Parents On-Site	Surplus Queue Space in Front Driveway	High School Parent Vehicle Staging Area in North Lot*	Projected HS Parents to Arrive Early, Before MS Parents are Dismissed	Total On-Site Queue Space	Total Surplus Queue Space
225 Students	Parents 77%	41 Veh. (964 Feet)	49 Veh. (1,157 Feet)	8 Veh. (817 Feet)	27 Veh. (624 Feet)	10 Veh.	76 Veh. (1,781 Feet)	32 Veh.
	Walkers 3%							
	Buses 20%							
Grades	School Times							
6th - 8th	Beginning: 8:35 AM							
	Dismissal: 3:55 PM							

*High school parents that arrive during middle school dismissal will stage in the north lot that provides queueing space for 27 vehicles.

Recommendations

The TMP recommendations for the new campus are described below and shown in the following exhibits.

Students

- Drop off and pick up using the passenger-side curb lane.
- Students walking home should be instructed to walk along sidewalks and cross at crosswalks. Students should not be permitted to cross midblock.

Parents

- Parents pick up students in the following locations:
 - High School:
 - Before Middle School Opens: 9th – 12th grade parents enter the southernmost school driveway via Private Drive. Parents will pick up students using the passenger-side curb lane. Once the students have entered the vehicle, parents will use the designated passthrough lane to exit onto Stuart Simpson Road.
 - After Middle School opens: 9th – 12th grade parents that arrive before 4:10 PM will enter the northern parking lot via Private Drive and wait for middle school parents to leave campus. After 4:10 PM, high school parents will enter the front parking lot to pick up students.

- iii. If parent vehicles begin to back onto Private Drive with either plan, then additional parents should enter the northernmost school driveway and use the north lot to form a queue lane, as shown in the TMP exhibit.
- b. Middle School (Future):
 - i. 6th – 8th grade parents enter the school driveway via the Private Drive. Parents will pick up students using the passenger-side curb lane. Once a student has entered the vehicle, parents will use the designated passthrough lane to exit onto Stuart Simpson Road. High school parents that arrive while middle school is still being dismissed may enter the northernmost school driveway via the Private Drive.
- c. Parents may not park in school parking spaces during arrival or dismissal periods since queuing will prevent vehicles backing up to exit the parking spaces.

Buses

4. Currently, three (3) buses are planned to serve Dr. F.D. Haynes III Academy. Buses will use the designated driveway via the private drive to drop off and pick up students.

Staff

5. Staff should monitor students at each area where parents are picking up students until all students are dismissed.
6. Staff should direct parents to move forward while in the designated queue lane to close any gaps and prevent vehicles from backing onto the private drive.
7. Staff should monitor parent vehicles exiting the queue lane and entering the passthrough lane safely.

Licensed Peace Officers

8. Based on the projected and provided queue space, a licensed peace officer is not expected to be needed at Dr. F.D. Haynes Academy.

Parking Restrictions

9. Parking should be prohibited around the driveway openings.
10. Parents should not be allowed to park in parking spaces on-site during arrival/dismissal times.

School Zones

11. Currently, there are no school zones on Simpson Stuart Road or Highland Hills Drive. There were 7-10 students observed walking along Stuart Simpson Road. Given the number of houses and apartments near the campus, student walkers are likely to also walk to this campus. It is a school zone be installed on Stuart Simpson Road with construction of the new school.

It is recommended the school zone be from west of Highlands Hill Drive to east of the Private Driveway.

On-Site Improvements

12. Install "Buses Only" signs with "School Times" plaques at the northern most driveway on Branham Drive, as shown in **Exhibit 1**.
13. Install "Exit Only" signs with "School Times" plaques at the bus driveway exit on Branham Drive, as shown in **Exhibit 1**.

14. Install “Do Not Enter” signs with “School Times” plaques at the school driveway on Simpson Stuart Road, as shown in **Exhibit 1**.

Off-Site Improvements

15. Update all school-related signs to comply with current TxMUTCD criteria. Detailed review will be provided with the Civil engineer’s signing and striping plan submittal.
16. It is recommended to install a school zone on Simpson Stuart Road as stated above.

Summary

The Dr. Frederick D. Haynes III, Global Preparatory Academy at Paul Quinn College Traffic Management Plan is designed to provide safe vehicular and pedestrian movement to and from school and can accommodate the projected vehicular queues on campus without blocking through traffic.








If traffic congestion or unsafe movements are noticed, the plan should be reviewed and updated promptly.

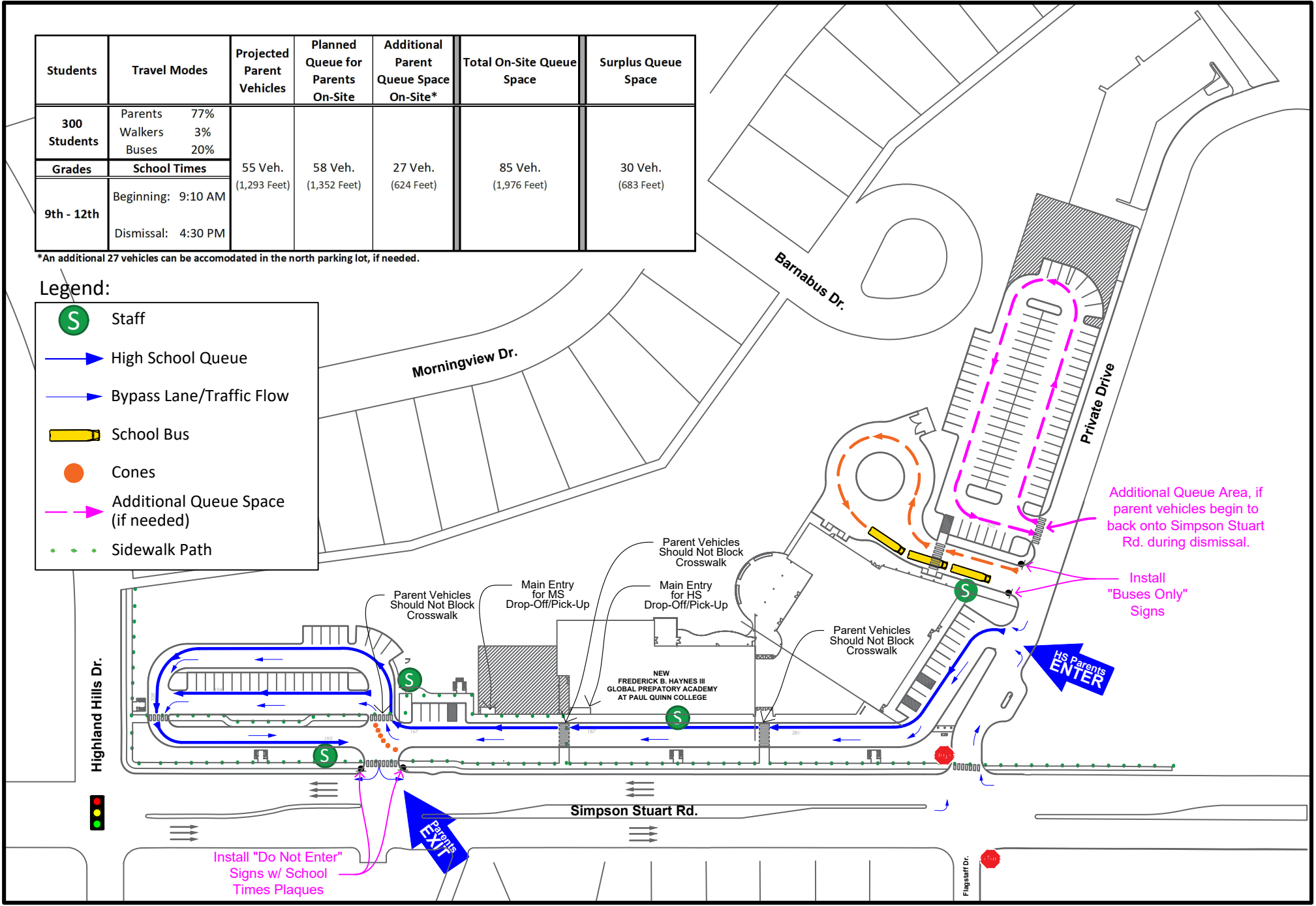
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Legend:

-  Staff
-  High School Queue
-  Bypass Lane/Traffic Flow
-  School Bus
-  Cones
-  Additional Queue Space (if needed)
-  Sidewalk Path










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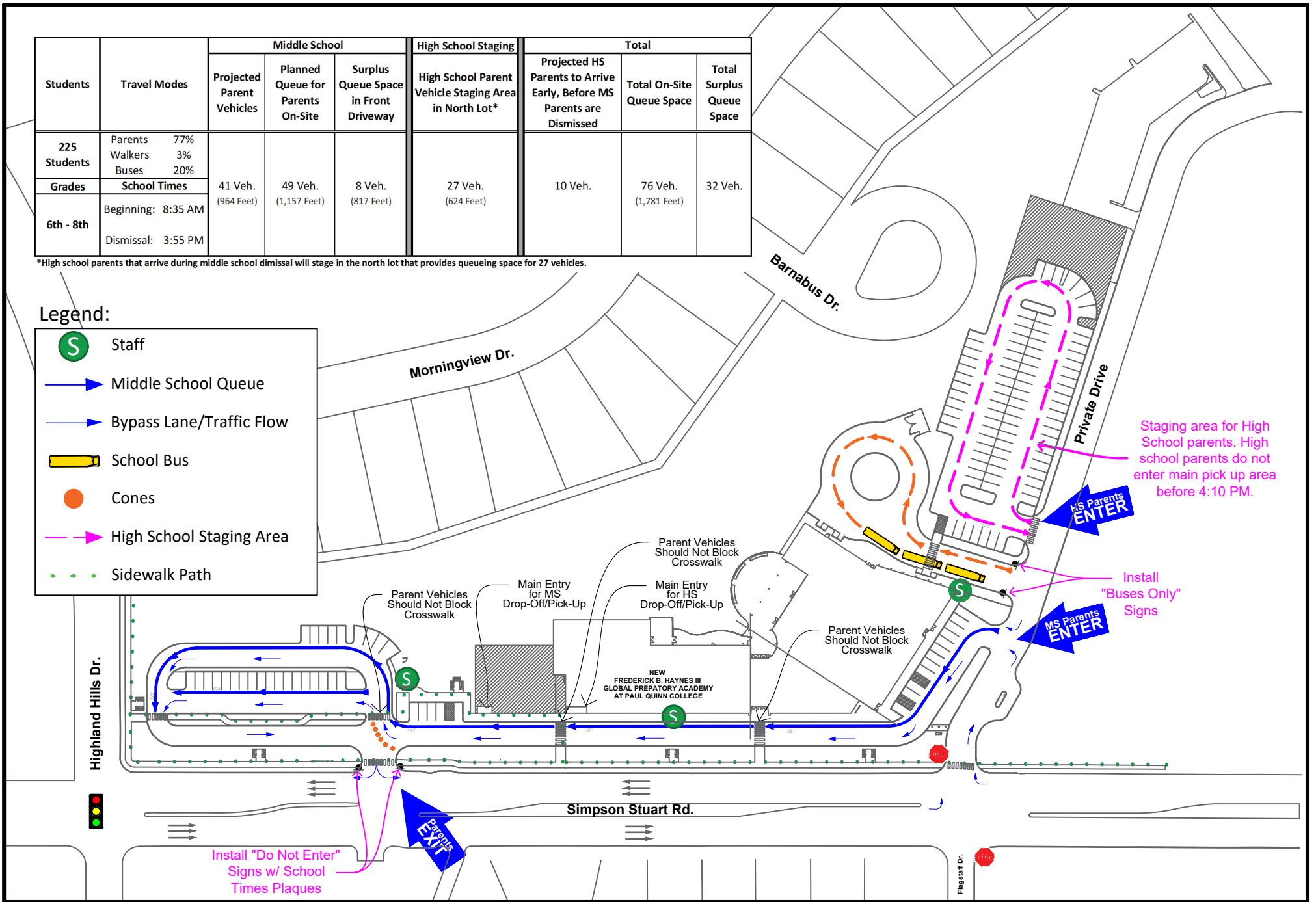


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