

TRAFFIC MANAGEMENT PLAN FOR

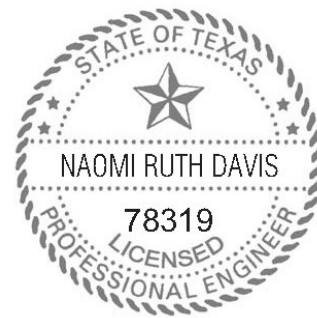
CORAM DEO ACADEMY

6930 Alpha Road
Dallas, Texas

Final: July 2020
Draft: March/June 2020

Prepared for
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This Traffic Management Plan has been prepared under the direction of N. Ruth Davis. N. Ruth Davis attests to the technical information contained therein and has judged the qualifications of recommendations, conclusions, and decisions are based on City of Dallas comments, general engineering standards, and Texas/Federal laws.


In Association With

Erin Bishop, Draftsperson/Graphics

This report and the data contained herein have been prepared expressly for the purposes of this project. The use of this data, the conclusions contained in the report or the information provided herein by individuals or agencies is done so at their sole discretion and at their own responsibility. Publication of this document does not warrant the use of the data, the conclusions or the information for any purpose other than that described within this report.

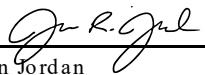
I have reviewed and approved the Traffic Management Plan for the proposed Coram Deo Academy, 6930 Alpha Road, Dallas, Texas, dated July 2020 prepared by ND Engineering, PC.

X



Glenn Campbell
CDA Facilities Director

X



Rev. Jon Jordan
Dallas Campus Administrator

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TRAFFIC MANAGEMENT PLAN FOR CORAM DEO ACADEMY

EXECUTIVE SUMMARY/INTRODUCTION

This Traffic Management Plan (TMP) was prepared to provide the following information for the proposed Coram Deo Academy – Dallas (CDAD), which will be located on the Temple Shalom (TS) campus, 6930 Alpha Road, Dallas, Texas:

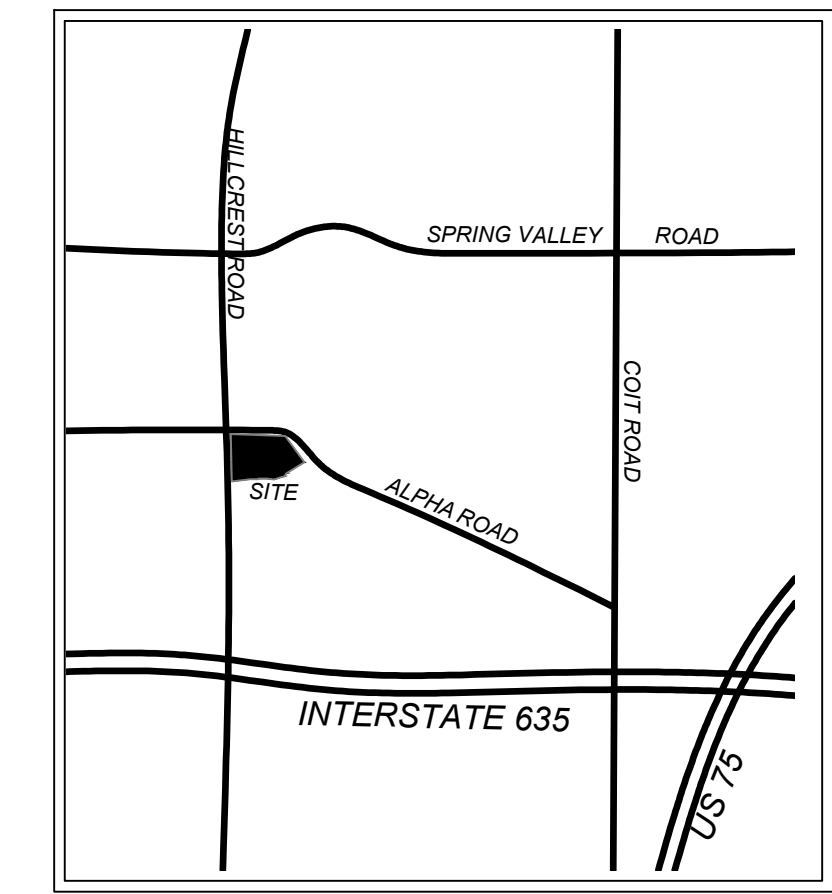
- School Characteristics;
- Hours of operation;
- Drop-off and pick up hours;
- Parent Route Assignments
- Circulation Plan;
- Ingress and egress locations;
- Location of student drop-off and pick up;
- Number and location of personnel assisting with loading and unloading of students;

Figures 1 and 2 shows the Project location and the proposed AM and PM circulation plans for the 2025-2026 condition, which is the same as the 2020-2021 condition, respectively. The CDAD staff as well as the CDA Administrative staff will work with the City of Dallas to ensure that no queuing will occur on City of Dallas ROW and will incorporate corrections that are deemed necessary by City of Dallas staff. Only uniformed police officers will be allowed to direct and control traffic operating within the public right-of-way. This TMP was prepared to comply with the City of Dallas School Traffic Management Plan Guidelines.

SCHOOL CHARACTERISTICS

CDAD is a Classical Christian private school. Core classes are taught on either a Monday/Wednesday or Tuesday/Thursday rotation with electives and high school labs taught on Friday. The students are typically homeschooled on the remaining days depending on the rotation. CDAD will have classes on Monday/Wednesday and Tuesday/Thursday with electives and high school labs on Friday during the 2020-2021 school year. CDAD grade levels planned for the 2020-2021 school year are prekindergarten (Pre-K) through 9th grade. In addition to the core classes taught on Monday/Wednesday, a study hall will be available for all grade levels. No study hall will be available on Tuesday/Thursday.



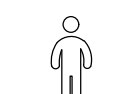
ALPHA ROAD



VICINITY MAP



LEGEND

-  DROP OFF LOCATION
-  STAGING POINT
-  TRAFFIC OFFICER

2025-2026 School Year
 Operation Time: 8:15 AM - 3:45 PM
 Grades: Pre-K - 12th
 Number of Students: 203 M/W or T/TH

PreK - 4th
 Drop off Time: 8:15 to 8:30 AM
 Queue: 10 vehicles; 250 ft at 25 ft per vehicle
 Storage Provided: 33 vehicles; 825 ft at 25 ft per vehicle
 Surplus Storage (Storage - Queue): 23 vehicles; 575 ft at 25 feet per vehicle

5th - 12th
 Drop off Time: 8:00-8:15 AM
 Queue (5th-8th): 5 vehicles; 125 ft at 25 ft per vehicle
 Queue (9th-12th): 27 vehicles; 675 ft at 25 ft per vehicle
 Storage Provided: 42 vehicles; 1050 ft at 25 ft per vehicle
 Surplus Storage (Storage - Queue): 10 vehicles; 250 ft at 25 feet per vehicle

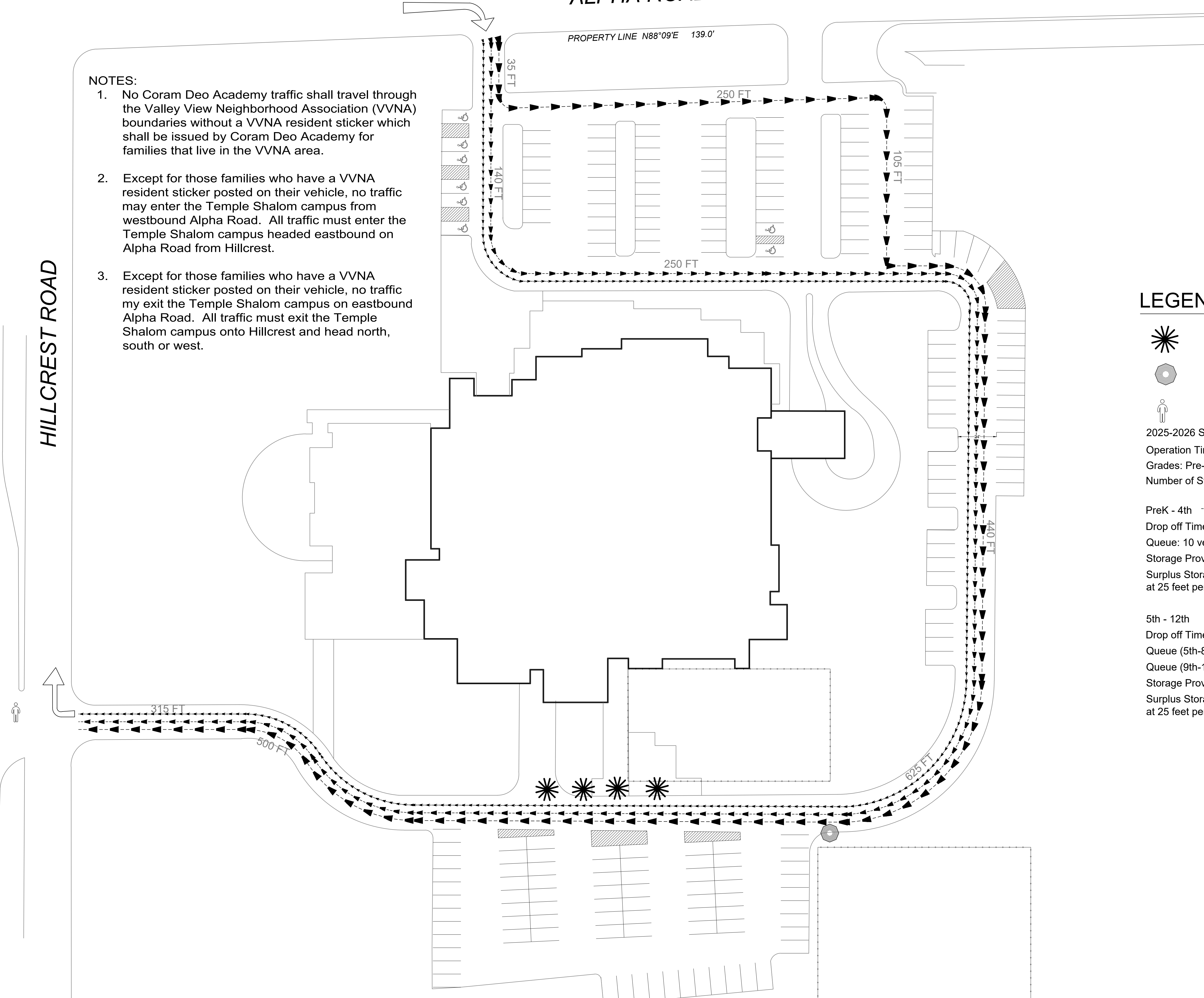
Based on the vehicle queuing analysis conducted and the resulting Traffic Management Plan, I, N. Ruth Davis, P.E. 78319, certify that the results indicate that no queuing of vehicles dropping off or picking up students at Coram Deo Academy will extend onto City of Dallas rights-of-way as a result of internal queuing constraints.

In order to ensure that all queuing of vehicles is completely accommodated on school property, Coram Deo Academy administrative officials should implement the proposed Traffic Management Plan, monitor the operation on a continuing basis, and if any vehicle queuing should begin to occur on public right-of-way, take the necessary action to mitigate it.

NOTES:

1. No Coram Deo Academy traffic shall travel through the Valley View Neighborhood Association (VVNA) boundaries without a VVNA resident sticker which shall be issued by Coram Deo Academy for families that live in the VVNA area.
2. Except for those families who have a VVNA resident sticker posted on their vehicle, no traffic may enter the Temple Shalom campus from westbound Alpha Road. All traffic must enter the Temple Shalom campus headed eastbound on Alpha Road from Hillcrest.
3. Except for those families who have a VVNA resident sticker posted on their vehicle, no traffic may exit the Temple Shalom campus on eastbound Alpha Road. All traffic must exit the Temple Shalom campus onto Hillcrest and head north, south or west.

HILLCREST ROAD

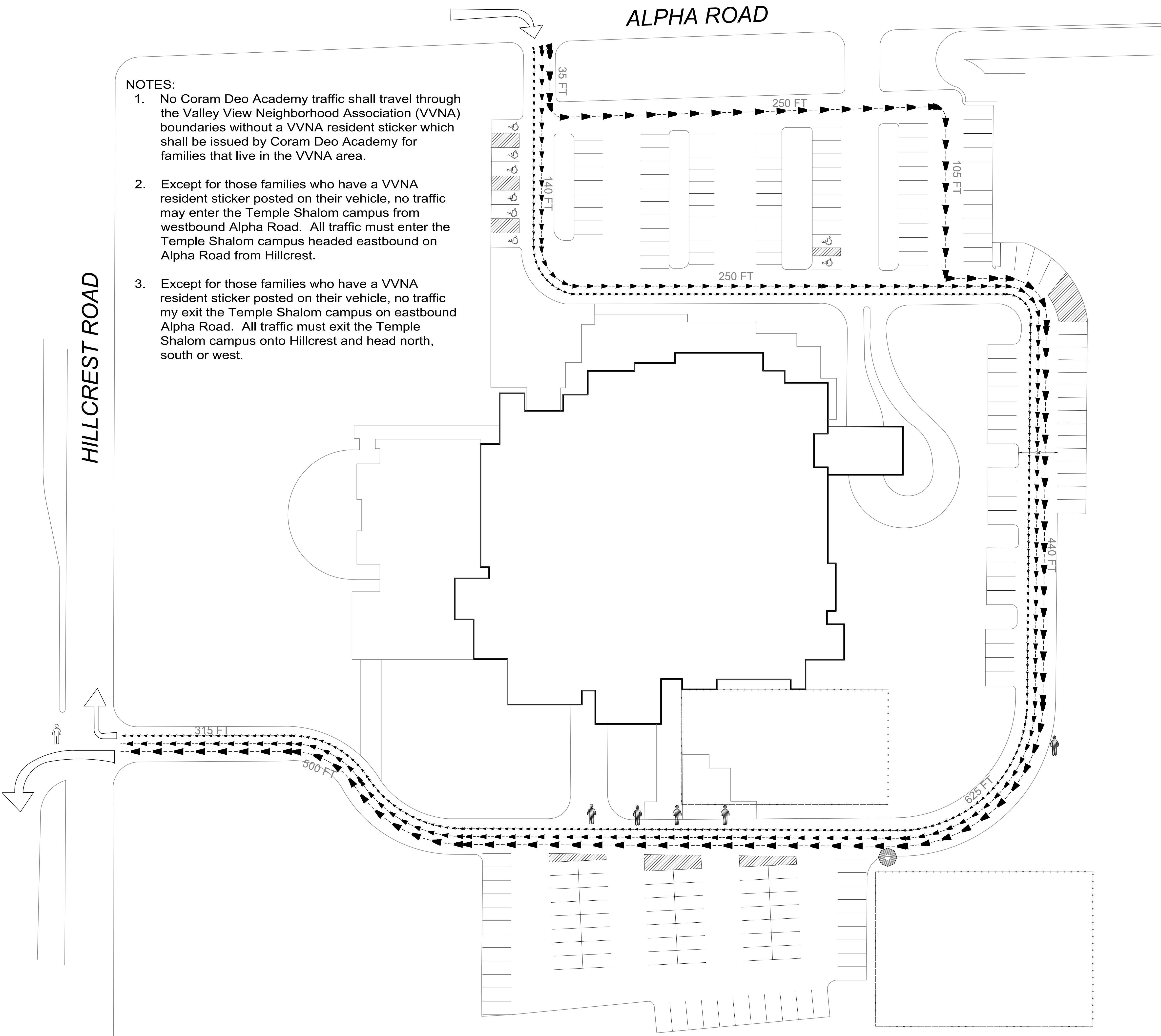


06/24/2020

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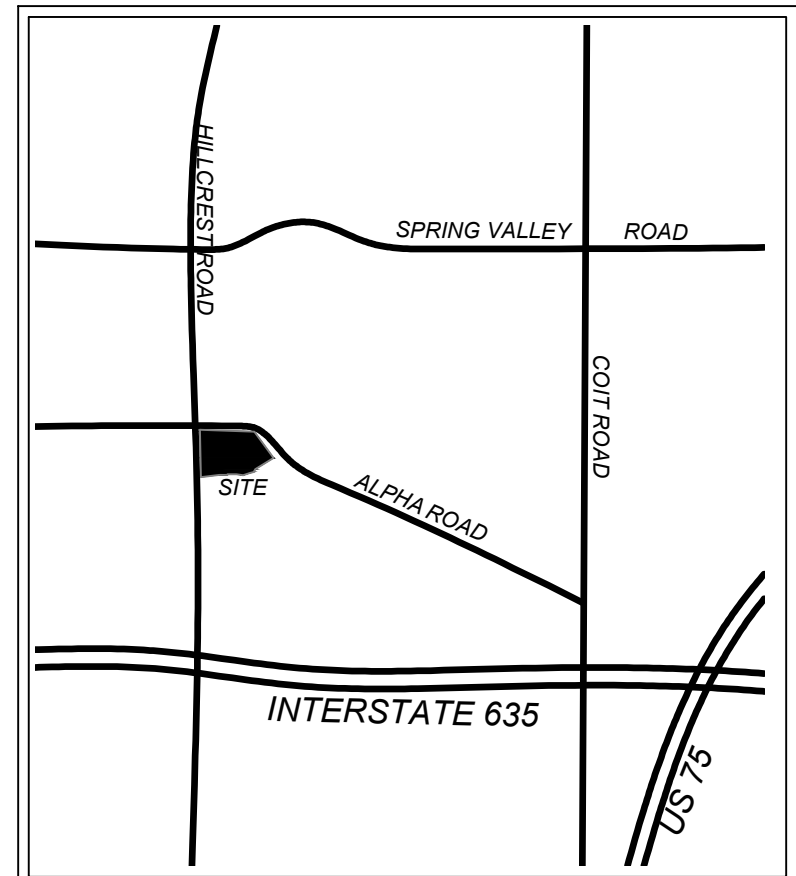
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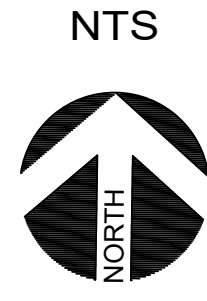


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VICINITY MAP



LEGEND

- STAGING POINT
- PICKUP PERSONNEL
- TRAFFIC OFFICER

2025-2026 School Year
 Operation Time: 8:15 AM - 3:45 PM
 Grades: Pre-K - 12th
 Number of Students: 203 M/W or T/TH

PreK - 4th
 Pick-Up Time: 3:15 to 3:45 PM
 Queue: 30 vehicles; 750 ft at 25 ft per vehicle
 Storage Provided: 33 vehicles; 825 ft at 25 ft per vehicle
 Surplus Storage (Storage – Queue): 3 vehicles; 75 ft at 25 feet per vehicle

5th - 8th
 Pick-Up Time: 3:00-3:15 PM
 Queue: 12 vehicles; 300 ft at 25 ft per vehicle
 Storage Provided: 42 vehicles; 1,050 ft at 25 ft per vehicle
 Surplus Storage (Storage – Queue): 30 vehicles; 750 ft at 25 feet per vehicle

9th - 12th
 Pick-Up Time: 4:00-4:30 PM
 Queue: 27 vehicles; 675 ft at 25 ft per vehicle
 Storage Provided: 42 vehicles; 1,050 ft at 25 ft per vehicle
 Surplus Storage (Storage – Queue): 15 vehicles; 375 ft at 25 feet per vehicle

Based on the vehicle queuing analysis conducted and the resulting Traffic Management Plan, I, N. Ruth Davis, P.E. 78319, certify that the results indicate that no queuing of vehicles dropping off or picking up students at Coram Deo Academy will extend onto City of Dallas rights-of-way as a result of internal queuing constraints.

In order to ensure that all queuing of vehicles is completely accommodated on school property, Coram Deo Academy administrative officials should implement the proposed Traffic Management Plan, monitor the operation on a continuing basis, and if any vehicle queuing should begin to occur on public right-of-way, take the necessary action to mitigate it.

06/25/2020

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6930 ALPHA ROAD
CITY OF DALLAS, TEXAS

HOURS OF OPERATION

CDAD campus faculty and staff typically arrive by 7:30 AM with doors opening to student arrivals around 8:00 AM. Table 1 shows the drop-off, class start, class end, and pick up times for the Grammar, Logic, and Rhetoric Schools.

Level	Drop-Off	Class Starts	Class Ends	Pick Up
Grammar (Pre-K - 4 th)	8:15	8:30	3:00	3:15
Logic (5 th - 8 th)	8:00	8:15	2:45	3:00
Rhetoric (9 th)	8:00	8:15	3:45	4:00

As shown in Table 1, drop-off and pick up times will be staggered so as not to create excessive queues. In the cases where families have Rhetoric, Logic, and Grammar students, all students will be dropped off during the Rhetoric/Logic School drop-off time period. If families have both Logic and Grammar students, the Logic students will depart from campus using the Grammar School pick up schedule. With the addition of the new Rhetoric School, students with Rhetoric siblings will have the option of after school study hall and electives such that parents only have to pick up from the CDAD campus once. Staff typically exit the campus 30 minutes after the completion of pick up of their associated Logic, Grammar, or Rhetoric students unless there is a staff meeting. Staff meetings typically occur once per month and all staff will typically depart by 5:00 PM after completion of the staff meeting.

DROP-OFF AND PICK UP HOURS

With the proposed school location and enrollment, the CDAD campus AM drop-off is projected to occur as follows:

- Grammar (PreK – 4th): 8:15 AM to 8:30 AM
- Logic (5th – 8th): 8:00 AM to 8:15 AM
- Rhetoric (9th): 8:00 AM to 8:15 AM

PM pick up is projected to occur as follows:

- Grammar (PreK – 4th): 3:15 PM to 3:45 PM
- Logic (5th – 8th): 3:00 PM to 3:15 PM
- Rhetoric (9th): 4:00 PM to 4:30 PM

PARENT ROUTE ASSIGNMENTS

In order to avoid impacting the neighborhoods to the east of the proposed school, parent route assignments have been developed as shown in Figures 3 (AM) and 4 (PM). The parent route assignments will be disseminated via email, approximately mid-summer, and Figures 3/4 will be disseminated to parents during parent orientation, which occurs the week prior to school starting. No CDAD traffic shall travel through the Valley View Neighborhood Association (VVNA) boundaries without a VVNA resident sticker which shall be issued by CDAD for families that live in the VVNA area. Except for those families who have a VVNA resident sticker posted on their vehicle, no traffic may enter the TS campus from westbound Alpha Road. All traffic must enter the TS campus headed eastbound on Alpha Road from Hillcrest Road. Except for those families who have a VVNA resident sticker posted on their vehicle, no traffic may exit the TS campus on eastbound Alpha Road. All traffic must exit the TS campus onto Hillcrest Road and head north, south, or west.

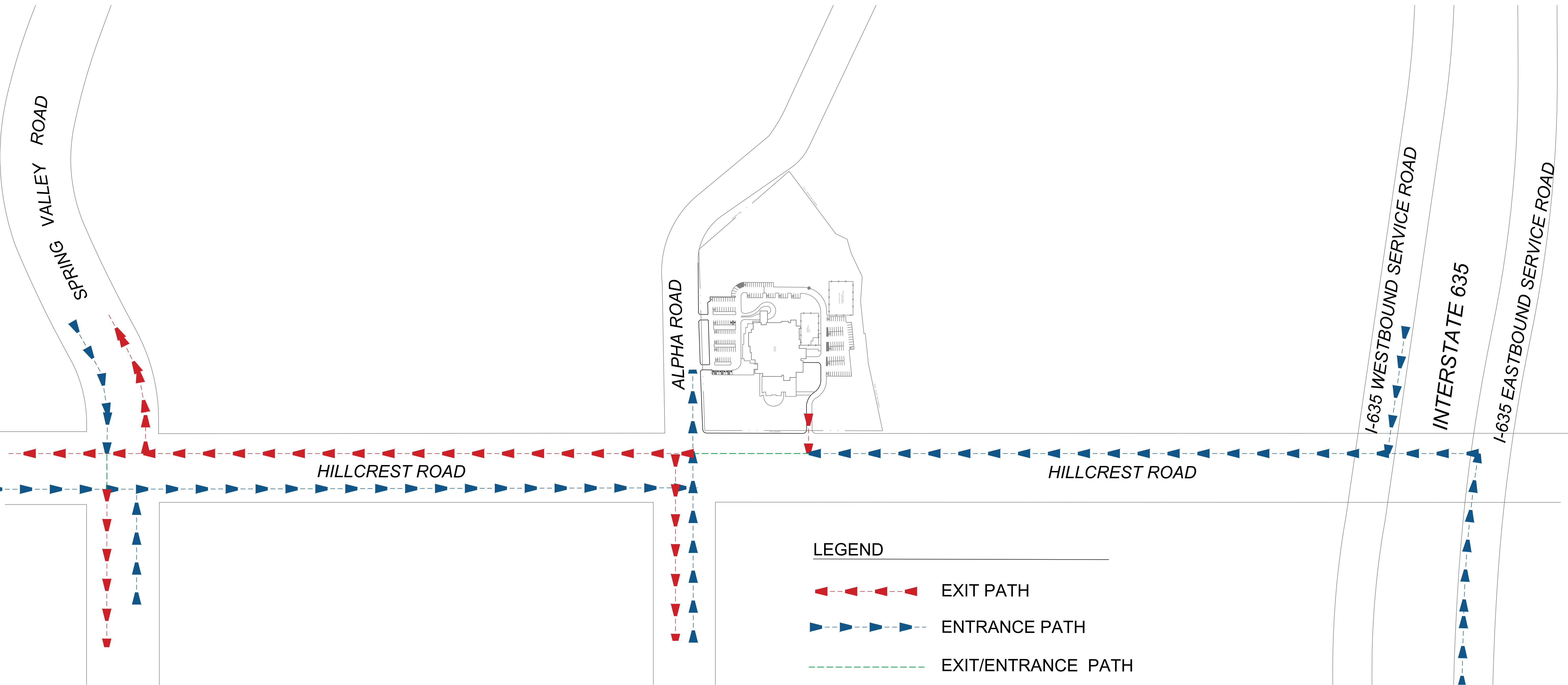
CIRCULATION PLAN

AM Drop-Off

All vehicles will turn right from Alpha Road into the westernmost TS driveway and proceed clockwise around the east side of the campus to the drop off location on the south side of the facility. Once the students are dropped off, the vehicles would continue clockwise and exit the campus via police directed right-turn only onto Hillcrest Road. Figure 1 shows the proposed circulation plan and drop-off locations for the 2020-2021 school year. Please note that the circulation plan for the proposed 2020-2021 drop-off condition has a double path which allows for storage of all vehicles on site. During the Logic/Rhetoric drop-off time, the travel path closest to the facility would queue the parent driven Logic and Rhetoric students while the travel path farthest from the facility would allow the Rhetoric student drivers to easily enter the south parking area. Once Rhetoric student driver vehicles have cleared, then parent driven Grammar vehicles can begin to queue behind the staging point using the path farthest from the facility. After the parent driven Logic and Rhetoric vehicles have cleared the drop-off area, then the parent driven Grammar vehicles will proceed to the drop-off area.

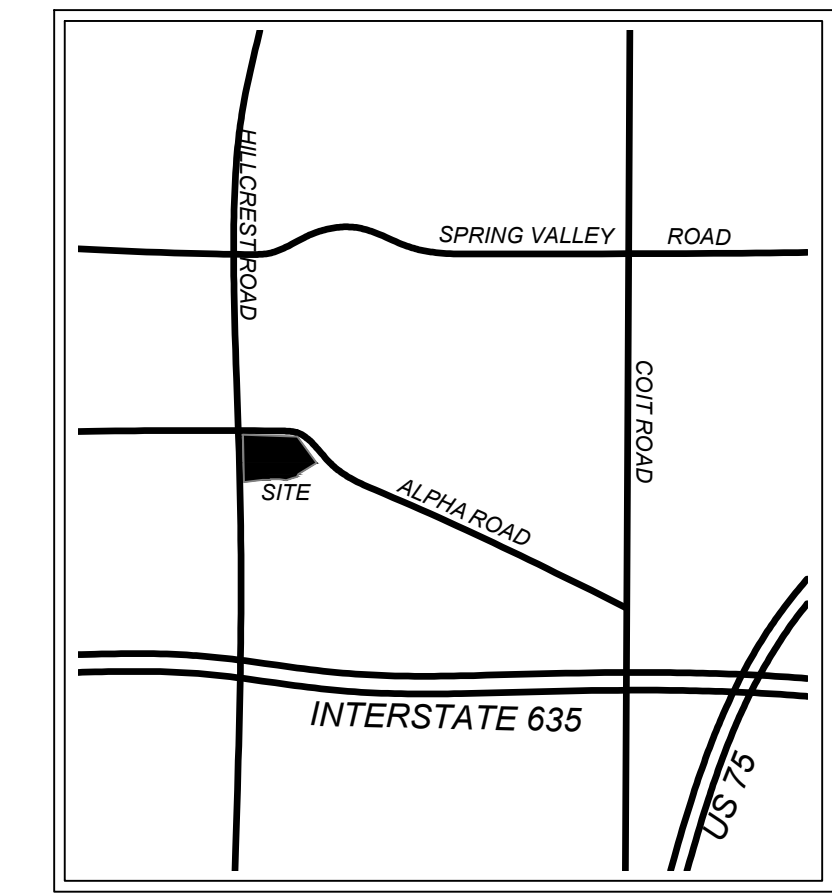
PM Pick Up

In the afternoon, all vehicles will turn right from Alpha Road into the westernmost TS driveway and proceed clockwise around the east side of the campus to the pick up location on the south side of the facility. Once the students are picked up, the vehicles would continue clockwise and exit the campus via police directed left or right-turn onto Hillcrest Road. Figure 2 shows the proposed circulation plan and pick up locations for the 2020-2021 school year. Please note that the circulation plan for the proposed 2020-2021 pick up condition has a double path which allows for storage of all vehicles on site. During the Logic pick up time, the travel path closest to the facility would queue the parent driven Logic students while the travel path farthest from the facility would queue the parent driven Grammar students behind the staging point. After the parent driven Logic vehicles have cleared the pick up area, then the parent driven Grammar vehicles will proceed to the pick up area.



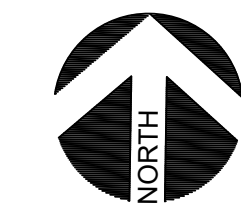
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VICINITY MAP

NTS



LEGEND

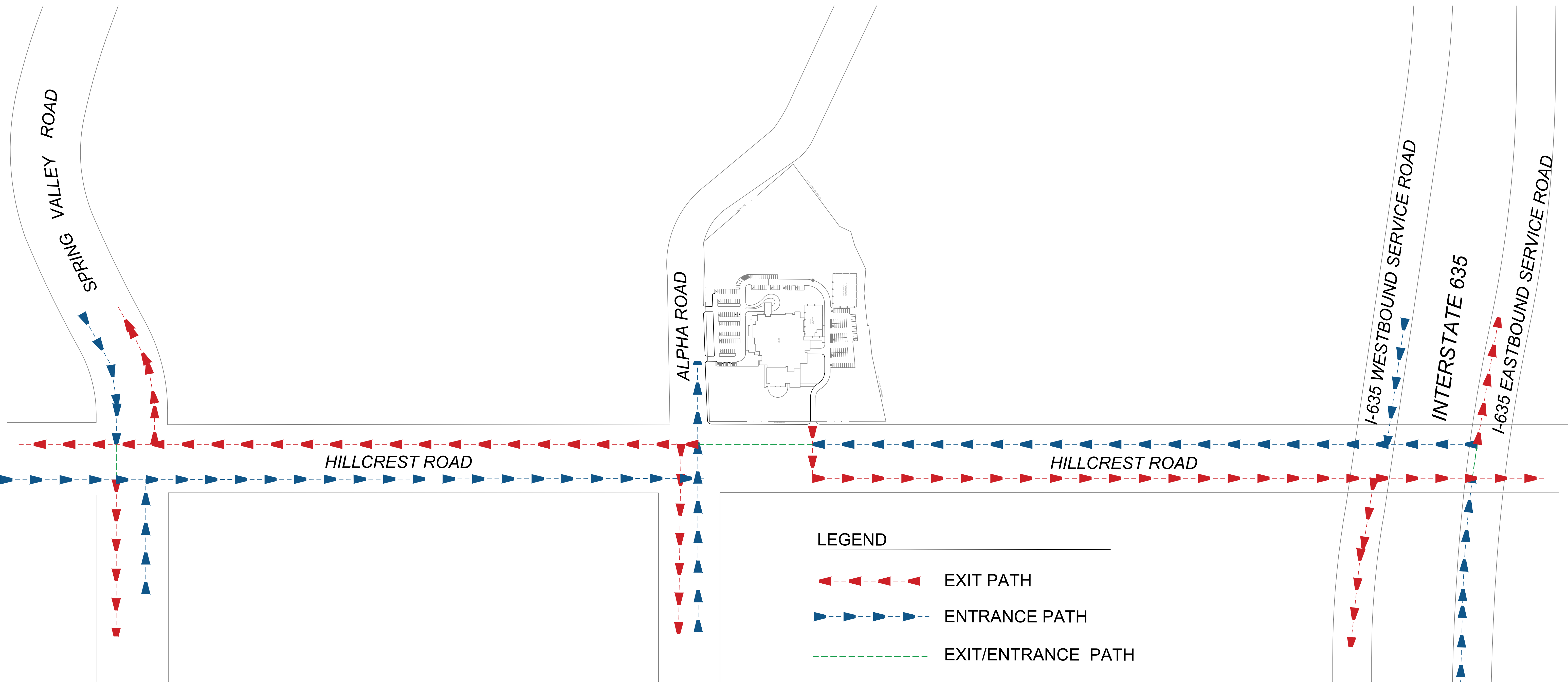
- EXIT PATH
- ENTRANCE PATH
- EXIT/ENTRANCE PATH

05/18/2020

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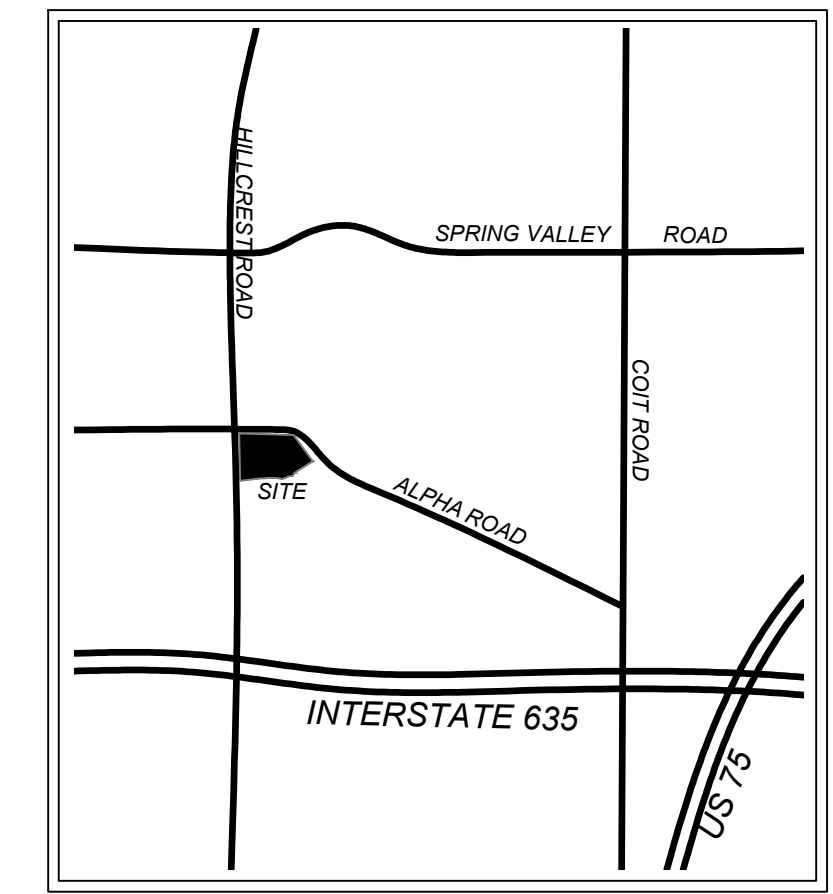
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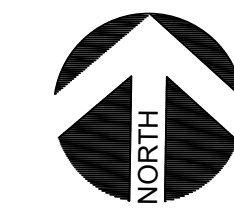
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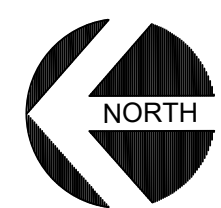
VICINITY MAP

NTS



LEGEND

- EXIT PATH
- ENTRANCE PATH
- EXIT/ENTRANCE PATH



4

CORAM DEO ACADEMY PARENT ROUTE - PM

NTS

05/18/2020

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CITY OF DALLAS, TEXAS

INGRESS AND EGRESS LOCATIONS

Ingress to the TS campus would be via a right-turn only from Alpha Road into the westernmost driveway (AM Drop-Off and PM Pick Up). Egress from the campus would be via an officer assisted right-turn only from the southernmost driveway to Hillcrest Road (AM Drop-Off) or via an officer assisted left or right-turn from the southernmost driveway to Hillcrest Road (PM Pick Up). Both ingress and egress points are shown on Figures 1 and 2.

LOCATION OF STUDENT DROP-OFF AND PICK UP

The proposed location for student drop-off or pick up would be at the south entrance to the facility. Figures 1 and 2 shows the proposed drop-off/pick up locations for the 2020-2021 school year.

PERSONNEL ASSISTING WITH DROP-OFF AND PICK UP

As stated previously, all drop-off and pick up will be via the southern entrance to the facility. Four (4) traffic cones will be placed in front of this entrance for use in designating drop-off or pick up stations. These cone positions are shown on Figures 1 and 2. Figures 1 and 2 also show the locations of all personnel assisting with pick up.

AM Drop-Off

The Grammar School principal and administrative assistants will typically handle drop-off in the morning. Vehicles dropping off students will queue along the four (4) traffic cones. The staff will prop open the facility doors and then open the vehicle doors and assist the students in exiting the vehicles so the students easily walk into the building. After the students exit the queued vehicles, the vehicles pull away and proceed along the travel path as appropriate.

Rhetoric student drivers will park in designated places in the southern parking lot and will proceed to enter the facility's south entrance.

PM Pick Up

Logic School parents without Grammar or Rhetoric School students will queue along the four (4) traffic cones. Logic School students without Grammar and Rhetoric School siblings will typically be dismissed from class around 2:55 PM. The Logic School students would then exit the facility's south entrance and walk to their parent's vehicles. Once the students enter their vehicles, the vehicles pull away from their pick up location.

Faculty, staff and some Logic School students all assist with Grammar School student pick up. Starting around 3:05 PM all Grammar School students along with Logic School siblings will gather by class in a large area just inside the doors that lead to the designated pick up location. Three (3) staff equipped with a walky-talky stay with the students. One (1) staff person will be located approximately seven (7) vehicle lengths upstream from the initial vehicle pick up location and also equipped with a walky-talky. Four (4) additional staff will be stationed at the four (4) vehicle pick up stations designated by the traffic cones. All families will be provided a name placard that is to be visible to the staff person located approximately seven (7) vehicle lengths upstream. This person will call the students names back to the staff staying with the

students and designates which vehicle pick up station the student(s) should be sent to. The Logic School students will assist the younger Grammar School students by either directing where they should go or by helping to carry student backpacks/supplies. Once a student and the student's vehicle arrive at the designated pick up station, the staff member that is located at that station will open the car door for the student and assists the student with entering the vehicle with their backpacks/supplies. The staff person then shuts the vehicle door and the vehicle pulls away from the pick up station.

Rhetoric School students along with Grammar and Logic School siblings are typically dismissed from class around 3:45 PM. Rhetoric School parents will queue along the four (4) traffic cones. The Rhetoric School students and associated siblings would then exit the facilities south entrance and walk to their parent's vehicles. Once the students enter their vehicles, the vehicles pull away from their pick up station.

All remaining Rhetoric School students that are self-driven along with their siblings would exit the facilities south entrance and proceed to their vehicles parked in the south parking lot.