



Vega Collegiate Academy Traffic Management Plan

Academic Year 2018-2019

Vega Collegiate Academy

The total student population for the 2018-2019 academic year is 240 students in grades K-1 and 5-6, with 18 staff. At full enrollment in academic year 2022, the total population will be 540 students in grades K-8 and 48 staff. See the anticipated student and staff projections at the end of this document.

The majority of the student population lives in the immediate area around the school site. Currently 40 students are able to walk to school. At full enrollment, the school anticipates up to 25% of the student population to walk to school. An additional 25% of the student population utilizes school provided transportation. This is a combination of staff picking up students, as well as a school operated van.

Operating Hours

Normal school operating hours are 7:30 am to 5:00 pm, with after school care offered until 6:00 pm. The school does have early release on Friday afternoons at 2:00 pm. Vega will remain flexible with phased dismissal times if this is recommended by both the traffic analysis and requested by the City of Aurora. Start times will shift relative to the phased release times.

Parking

The site currently has 30 parking spaces, included 2 accessible parking spaces (1 van accessible). Per on-site parking requirements, the school requires 2 spaces for each 3 employees. At full staffing, the school will have 48 employees which will require 32 parking spaces. Adjacent street parking is available for inclusion per Zoning Code Section 1510. Within the 300' radius, there are several street parking spaces available, in excess of the 2 additional spaces required for the full staff count.

Site Improvements

Vega Collegiate Academy has procured a full traffic analysis and design team to optimize the school site for student safety and efficient vehicle drop-off and pick up. The site plan will allow for 19 cars to stack onto the site, entering from Del Mar Parkway. The cars will enter in one lane and divide into two lanes, stacking in the parking lanes. A pass lane is maintained adjacent to both stacking lanes. The alley will be maintained as clear emergency access at all times. All vehicles will exit to the west along the alley upon leaving the school site.

Traffic Management Plan

Vega Collegiate Academy recognizes that the key to a successful, highly functional drop-off operation is clear communication and cooperation from parents. Vega will adopt the following measures to be in place when school opens in the fall of 2018:

- Dedicated staff on site during drop-off and pick-up to guide parents and support pedestrian traffic. The staff will manage the traffic flow.
 - Vehicles will drop-off in waves on the site. Both stacking lanes will advance to the north end of the parking lot. The 8 cars in the two lanes will drop-off, then advance as a group to the exit to the west. The next 8 cars will advance. The anticipated time is 2 minutes per wave. The total drop-off sequence is anticipated to complete in under 30 minutes.
 - Two staff members will be dedicated to assist young children exit from the vehicles and direct parents to prepare for exit.
 - Goodbye hugs are encouraged at home, not in the car.
 - Parents do not exit vehicles.
 - Cell phone use is discouraged while on site.
 - Friendly and supportive staff will encourage cooperative behavior from parents.
 - Two dedicated staff members are present at Del Mar Parkway and at the point where the single lane splits into two to assist in maintaining the on-site traffic flow, preventing back up into the street.
 - Dedicated staff members at the front of each drop-off row and at the building entry will assist the students out the cars and across the alley. These staff members will then release the current wave of cars, in anticipation of the next group, after all pedestrians have crossed the alley.
 - On-site staff are encouraged to communicate by two-way radio to expedite the vehicle waves, as well as communicate in a potential emergency situation.
 - The Colfax entrance will be open and supervised during drop-off and pick-up times only, as an alternative entry location into the school. The hours of this entrance are 7:00 am – 7:30 am and 3:45 pm – 4:15 pm.
- Clear and effective messaging: Student Safety is the Top Priority
 - Vega will continue to convey the importance of student safety and stress cooperation, patience and compliance with the management plan.
 - Vega recognizes their responsibility to be a good neighbor in the community and maintain the parent traffic on the school's site.
- Forum to communicate operations sequence
 - Vega will produce the Traffic Management Plan and process as part of the student orientation material.

- Vega will hold on-site traffic orientation meetings prior to the beginning of the upcoming school year to orient all parents each academic year.
- Walking and carpooling will be encouraged through incentive programs.
- Traffic flow diagrams and rules will be clearly posted in media appropriate for all parents to access.

Anticipated Student Enrollment by Academic School Year

2018: K-1st & 5th-6th Grades – 240 students, 24 staff
2019: K-2nd & 5th-7th Grades – 360 students, 34 staff
2020: K-3rd & 5th-8th Grades – 420 students, 40 staff
2021: K-4th & 5th-8th Grades – 480 students, 46 staff
2022: K-8th Grades – 540 students, 48 staff