

WELLS + ASSOCIATES

MEMORANDUM



To: Evelyn J. Israel
Transportation Planner
District Department of Transportation

From: Christopher L. Kabatt, P.E.
Kevin A. Berger

Re: Summary of Annual Transportation Demand Management Plan Survey and Reports,
Maret School;
Washington, D.C.

Date: February 7, 2017

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Introduction

This memorandum summarizes the findings of previously conducted annual trip generation surveys for the Maret School. The surveys were conducted from 2014 to 2016 per the requirements of the Board of Zoning Adjustment (BZA) Summary Order for Application No. 18715.

According to the Summary Order, effective March 17, 2014 (and as shown in Attachment A):

2. *The maximum number of students shall not exceed 650, and the number of faculty and staff shall not exceed 135 employed for any one period of the day.*
3. *The applicant shall submit a report by October 15 of every year to ANC 3C and the District Department of Transportation. The report shall provide enrollment and staffing figures and a description of the school's performance related to the transportation demand management plan from the preceding year. The report shall also provide mode split and trip generation rates. Any changes to the transportation demand management plan shall be reported to DDOT."*
9. *The applicant and its students/faculty/staff shall generate no more than 772 automobile trips in the morning peak hour.*

The Maret School is located at 3000 Cathedral Avenue Northwest and presently consists of a K-12 private school. On February 25, 2014, as detailed in a Summary Order, the BZA modified a previous order (No. 17826-A, dated December 4, 2008) to



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permit the Maret School to increase student enrollment from 635 to 650 students and to increase staff from 129 to 135.

As a condition of this modification, the BZA requires that the applicant submit a report to ANC 3C and the District Department of Transportation (DDOT) by October 15th of each year detailing current student enrollment and staffing numbers, providing descriptions of the effectiveness of the school's transportation demand management (TDM) plan, and analyzing mode split and trip generation rates.

Wells + Associates has conducted an annual survey for each year since the Summary Order established the student enrollment limit at 650 and the staff limit at 135, with submissions dated October 14, 2014; October 13, 2015; and October 11, 2016. For each survey submission, and as shown in Table 1, it was concluded that the Maret School generated fewer than 772 vehicle trips.

Transportation Demand Management

Maret offers a variety of incentives and strategies to encourage faculty, students, and staff to reduce vehicle trips to and from the school. A "Parking and Traffic Reminders and Guidelines" memorandum that outlines Maret School's transportation policies is distributed to every parent and is posted on the school's webpage. The webpage also provides a link to the online directory of nearby Maret families and Commuters Connections. Maret employs the following Transportation Demand Management strategies:

1. Inform and proactively work with families to arrange carpools. An online directory in the Parent/Guardian, Faculty, and Students portal allows families to find other Maret families who live nearby is located on the schools webpage.
2. Encourage Maret faculty/staff and older students to use Metrorail and Metrobus services, by offering a Metro stipend of \$100 per month to financial aid students living in Maryland and Virginia and encouraging District of Columbia students to take advantage of the DC One Card.
3. Provided a \$135 per month Metrocheck to each faculty/staff member who takes public transportation.
4. Provide \$35 per month to Virginia and Maryland students who use public transportation.
5. Provide \$240 annually to faculty/staff who bicycle to campus the majority of the time.



6. Staggered Lower, Middle, and Upper School drop-off and pick-up times.
7. A link to www.commuterconnections.org is on the School's website.
8. Maret will hold a "Transportation to School" event during or after school once or twice a year, stressing the importance of public transportation, carpooling, biking, etc. and tied to the green initiative.
9. Students/staff who consistently use public transportation or carpool receive awards or financial incentives.
10. Bicycle racks are located on campus.
11. Maret began a program, "Car Count", stressing the importance of using public transportation, carpooling, biking, etc. An informal car count is taken approximately every six weeks and students, faculty/staff earn a sticker for each day of the car count week they use public transportation, carpool, bike, or walk. Three times each year prizes are awarded to those who have the most stickers.
12. Implemented additional sustainability initiatives such as becoming a founding member of the Green Schools Alliance as well as making significant progress towards reducing the School's carbon footprint.
13. Maret operates a shuttle which picks up students and faculty at the Woodley Park Metro station at 7:40 AM and 7:50 AM each morning.

The lower school (grades K-4) begins at 8:15 AM Monday through Friday and ends at 2:50 PM on Monday, Tuesday, Thursday, and Friday. The lower school dismisses at 1:20 PM on Wednesdays. The middle and upper schools (grades 5-12) begin at 8:15 AM Monday through Friday and generally end at 3:10 PM on Monday, Tuesday, Thursday, and Friday. Upper school students have varying class schedules. The middle and upper schools dismiss at 1:30 PM on Wednesdays. Maret School offers after schools programs, including arts, athletics, and clubs to students. Most after schools activities are complete by 10:00 PM. The drop-off activity begins at approximately 7:40 AM and the majority is complete by 8:15 AM. Lower school students are encouraged to arrive before 8:00 AM and middle and upper school students should not drive onto campus before 8:00 AM.

Additionally, at the request of the ANC, left turns onto the Maret campus are prohibited at the East Gate between 7:45 and 8:15 AM and 2:50 and 3:30 PM on school days, as well as 1:20 PM and 2:00 PM on Wednesday. All traffic entering the



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East Gate must travel eastbound on Cathedral Avenue, NW and turn right into the driveway. Traffic on Cathedral Avenue, NW continues to be monitored by two off-duty, uniformed, Metropolitan police officers to enforce the left turn prohibition and keep traffic flowing smoothly during peak drop-off and pick-up times.

Summary

For three consecutive years, the Maret School has generated a number of vehicle trips during the AM peak hour that is below the 772-vehicle trip cap. Since the Maret School has demonstrated a moderation in the number of vehicle trips for three consecutive years, with the assistance of the transportation demand management plan implementation, further surveys demonstrating the capacity for the 650-student cap and 135-staff cap are not necessary. The Maret School will continue its implementation of the transportation demand management plan to maintain its satisfactory performance under the current student and staff caps.

Table 1
Maret School
Count Summary

Intersection	AM Peak Hour		
School Driveways In <u>Out</u> Total	9/23/2014 7:15-8:15 AM 297 <u>207</u> 504	10/8/2015 7:30-8:30 AM 331 <u>269</u> 600	9/21/2016 7:15-8:15 AM 293 <u>224</u> 517
Survey Locations In <u>Out</u> Total	9/23/2014 7:15-8:15 AM 90 <u>51</u> 141	10/8/2015 7:30-8:30 AM 111 <u>50</u> 161	9/21/2016 7:15-8:15 AM 103 <u>57</u> 160
Total School Vehicle Trips In <u>Out</u> Total	9/23/2014 7:15-8:15 AM 387 <u>258</u> 645	10/8/2015 7:30-8:30 AM 442 <u>319</u> 761	9/21/2016 7:15-8:15 AM 396 <u>281</u> 677