

**Traffic Management Plan For
OUR REDEEMER LUTHERAN SCHOOL
7611 Park Lane**

**Prepared for Our Redeemer Lutheran School and
the City of Dallas**

By

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March 2015

Our Redeemer Lutheran School
7611 Park Lane
Traffic Management Plan (TMP) School Year 2014-2015



Table of Contents

Introduction	1
Overview	1
The Site	1
Queuing Analysis	2
Recommendation	3

Introduction:

Our Redeemer Lutheran School is located at 7611 Park Lane. It is at the northeast corner of Park Lane and Boedeker Street. Our Redeemer Lutheran Church has operated a school since 1960. This campus secured a specific use permit in 2006 for its current location and configuration. The school has approximately 132 students in 10 homeroom classrooms. Our Redeemer Lutheran School seeks to maintain the existing 10 classrooms. This zoning request is simply to update the 2006 specific use permit.

Overview:

Our Redeemer Lutheran School conducts classrooms from 8:30 a.m. to 3:30 p.m. The pre-kindergarten classrooms begin instruction at 8:30 a.m. and are dismissed at 11:30 a.m.

The Site and Queue Length:

The school site encompasses the entire northeast corner of the intersection of Boedeker Street and Park Lane. It is almost 10 acres and maintains ingress and egress points on both right of ways. The intersection of these two streets is maintained with a traffic signal. There are over 150 parking spaces on the property. The school has two queues that are completely on private property. This enables the school to provide morning drop off patterns that are different from afternoon pick up. The length of the morning queuing lane is roughly 750 linear feet. The length of the afternoon queuing lane is roughly 1060 linear feet. There is no time when the queuing length is threatened to be in the public right of way.

Personnel Assistance:

The Principal and teachers manage the queue and provide guidance to ensure the safety and efficiency of the drop-off and pick up operations.

Drop Off and Pick Up Schedule:

Pre-K:	8:30 a.m. and 11:30 a.m.
Elementary:	8:30 a.m. and 3:30 p.m.

Circulation:

The traffic, both at drop off and pick up, enter the property from Park Lane or Boedeker Street. The school maintains two dedicated areas for parents to park and escort their children into their classrooms. These are marked as parking lots A and D. In the morning, students in pre-k must have their parents enter the property off of Boedeker Street and park in Lot A. Vehicles will exit the property along Boedeker Street. Parents for other students may enter the property at Park Lane. They have a choice of parking in Lot D and escorting their child to class. Otherwise, they proceed to parking lot C where they queue, drop off their child, and return to Park Lane. The student drop off area is labeled area 2. These activities are monitored by school staff at all times.

Our Redeemer Lutheran School
 7611 Park Lane
 Traffic Management Plan (TMP) School Year 2014-2015

Mid-morning pick up occurs in parking lot A only. Parents must park their vehicles and escort their child to their vehicle.

For afternoon pick up, no one is permitted to park in Lots A, B, or C. Parking is only permitted in lot D. All vehicles must enter the property at Boedeker Street. They must enter the queue and circulate until they reach Area 1. Staff will assist students as they enter the appropriate vehicle. Vehicles must proceed to Boedeker Street to exit the property if they are in this queue.

Queuing Analysis:

Queuing Analysis:

Grade	Nos. of Classrooms	Students/ Class	Nos. of Students	Time Start	Time Dismissal
Pre-K	3	8-14	35	8:30	11:30
K	1	9	9	8:30	3:30
1	1	16	16	8:30	3:30
2	1	12	12	8:30	3:30
3	1	16	16	8:30	3:30
4	1	10	10	8:30	3:30
5	1	15	15	8:30	3:30
6	1	19	19	8:30	3:30

Subtotal Grades PreK-6

Total

10

132

REFERENCE TTI REPORT: "OPERATIONS AND SAFETY AROUND SCHOOL: OVERVIEW OF PROJECT ACTIVITIES AND FINDINGS"

BY TEXAS DEPARTMENT OF TRANSPORTATION & US DEPARTMENT OF HIGHWAYS

Table 43. South Carolina DOT Recommendations for On-site Stacking Length

School Type	Student Population	Loop Drive Stacking Length (Linear Feet)
Elementary	200 - 600 600 - 1400	900 - 1200 1200 - 1500
Middle	200 - 600 600 - 1200	900 - 1200 1200 - 1500
High	400 - 800 800 - 2500	800 - 1200 1200 - 1500

Note:

For high school populations greater than 2,500 students, consider two separate student pick up/drop-off loops

Our Redeemer Lutheran School
7611 Park Lane
Traffic Management Plan (TMP) School Year 2014-2015

According to the above chart the remaining student population would require a stacking length of at least 900 feet.

Our Redeemer Lutheran School has developed a system of on-site queuing that can accommodate this requirement. All student drop off and pick up takes place on private property within the campus grounds. Our Redeemer Lutheran School has assigned school personnel to monitor and control this on site stacking.

The queue length within the drop-off/pick-up areas on site are approximately 750 and 1060 feet in length. No changes to the existing circulation are anticipated.

RECOMMENDATION

Our Redeemer Lutheran School shall maintain it's existing on site queuing system for existing classrooms.

Based on the vehicle queuing analysis conducted and the resulting Traffic Management Plan, I, Raj Sharma, P.E. #83525, certify that the results indicate that no queuing of vehicles dropping off or picking up students at 7611 Park Lane 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, the school 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.