

Traffic Management Plan

J.L. Long Middle School

June 29, 2023

Introduction

The services of Lambeth Engineering Associates, PLLC, (herein Lambeth Engineering) were retained to conduct a traffic management plan (TMP) for J.L. Long Middle School (Long MS). The purpose of this TMP is to ensure safe vehicular and pedestrian circulation during peak morning drop-off and afternoon pick-up periods. Below is general information about J.L. Long Middle School.

School:

- Location: 6116 Reiger Avenue, Dallas Texas 75214
- School District: Dallas Independent School District
- School Times: 8:20 AM – 3:55 PM

Zoning:

- Existing Zoning: PD 543
- Proposed Zoning: Amend PD
- Project: Long MS is adding a playfield which will remove 40 parking spaces from the northeastern parking lot.

Students:

- Existing Student Enrollment: 1,192 students in 6th – 8th grades.

School Access:

- Surrounding Roadways:
 - Reiger Avenue: Two-lane, undivided roadway
 - Paulus Avenue: Two-lane, undivided roadway
 - Covington Lane: Two-lane, undivided roadway
- Sidewalks are provided on all streets adjacent to the school.

Traffic Management Plan

Queue

Traffic observations were conducted on the following dates and times:

- Wednesday, March 23, 2022 – PM Dismissal
- Monday, March 28, 2022 – PM Dismissal
- Thursday, March 31, 2022 – PM Dismissal

The peak queue of parent vehicles picking up students was observed to be about 123 vehicles. Observations were conducted when the weather was clear and sunny.

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 10-15 minutes once school is dismissed. The current traffic pattern is summarized in the **Appendix**.

The projected vehicular accumulations are summarized in **Table 1** below. As shown, the proposed site plan does not have adequate space to accommodate the parents on-site and on-street, adjacent to the school. As shown, there is a deficit of space for parents to park without parking next to residential homes. Parents should be encouraged to arrive in staggered times and be respectful of neighbors.

Table 1. TMP Summary

Grades: 6 th - 8 th	SCHOOL TIMES:	TRAVEL MODES:		QUEUE SPACE:		
					Veh	Feet
Students: 1,192	Beginning:	Buses	15%	Observed Queue:	123	2,891
	8:20 AM	Parents	65%	Provided Queue, On-site:	0	0
		After School	10%	Deficit Queue Space:	-123	-2,891
	Dismissal:	Walkers	10%	On-Street Queue in TMP:	72	1,692
	3:55 PM			Deficit Queue Space:	-51	-1,199

Recommendations

The TMP recommendations are described below and shown in **Exhibit 1**.

Students

1. Students are driven to and from school, ride the bus or walk home.
2. Following dismissal, students walk to meet parents parked adjacent to school and on residential streets near the school.
3. Five large buses and 10 small buses are provided for students to ride the bus to school.

Parents

4. Parents may pick up students on-street, adjacent to the school:
 - a. Reiger Avenue, head-in, indented parking, if spaces are available
 - b. Paulus Avenue (north side) east of alley to Covington Lane
 - c. Paulus Avenue (south side) at Reiger Avenue to Covington Lane
 - d. Covington Lane (both sides), north of Paulus Avenue
 - e. Covington Lane (west side), south of Paulus Avenue

Buses

5. Five large buses stage on Reiger Avenue in front of the school. There are ten small buses that stage at the east end of the Long MS parking lot.
 - a. Small buses should continue to load in the Long MS parking lot. The current staging operation reserves an entire row of parking spaces to stage two lines of small buses. This should be discontinued. Buses should stage in the aisle area only and make the spaces available for additional staff parking.
 - b. Large buses currently stage in front of the school on Reiger Avenue.
 - c. After the last bus unloads in the morning, staff should adjust cones to reserve space for all five buses to stage before the dismissal period.

Staff

6. The following locations should be staffed to influence safe operations:
 - In front of the school, to prevent students from walking through the parking lots
 - At Paulus Avenue at Reiger Avenue, to cross students in organized groups

Crossing Guards

7. There are no crossing guards assigned to this school.

Parking Restrictions

8. Many of the streets surrounding the school have posted parking restrictions. Lambeth observed these restrictions to be largely disregarded.
 - a. Staff should encourage parents to arrive during staggered times.
 - b. Staff should encourage parents to park on Covington Lane. There is available parking space, wide sidewalks, and the street does not front to any residences.
 - c. If parents cannot be encouraged/trained to park in non-restricted areas, the City of Dallas should be contacted to request periodic parking enforcement at the four locations listed below. Violations in these areas are causing frequent road blockages and delaying bus operations.
 - Paulus Avenue on the northbound approach to Reiger Avenue
 - Reiger Avenue on the west side (between Slaughter Avenue and Paulus Avenue)
 - Santa Fe Avenue at Glasgow Drive, to prevent parking too close to the intersection
9. Parking should be prohibited around the driveway openings, as illustrated in the TMP exhibit.

School Zones

10. There are active 20 MPH school zones on Reiger Avenue and Paulus Avenue.

Off-Site Improvements

- Remove conflicting 30 MPH speed limit sign within school zone, northbound Paulus Avenue, south of Reiger Avenue. (Service Request submitted: SR #22-00128033)
- Install School Zone Ahead (S1-1) on East Leg of Covington Lane/Paulus Avenue intersection, westbound Covington Lane, 150-feet east of Paulus Avenue.
- Replace old School Zone Area with School Zone Ahead (S1-1) on eastbound Reiger Avenue, north side of Slaughter Avenue.
- Install Cellphone Usage Sign (099) under the School Zone Assembly sign on eastbound Reiger Avenue, east of Slaughter Avenue.
- Install Flasher to School Zone Assembly on eastbound Reiger Avenue, east of Slaughter Avenue. The sign indicates "When Flashing." The Flasher is missing.
- Replace RESUME with END SCHOOL ZONE (086) under 30 MPH speed limit sign on Reiger Avenue at Paulus Avenue.
- Replace old School Zone Assembly signs with S5-1 on westbound Reiger Avenue at Paulus Avenue.
- Install 30" Do Not Enter and School Zone Hour Time Plate on the back side of the 36" Stop sign on Reiger Avenue at Paulus Avenue.
- Replace old School Zone Area with School Zone Ahead (S1-1), northeast of Reiger Avenue at Paulus Avenue. Additional AHEAD (SW16-9P) optional.

Summary

The J.L. Long Middle School Traffic Management Plan is designed to provide safe vehicular and pedestrian movement to and from school, working with the areas available with the existing school. There is a deficit of space for parents to park without parking next to residential homes. Parents should be encouraged to arrive in staggered times.

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









END

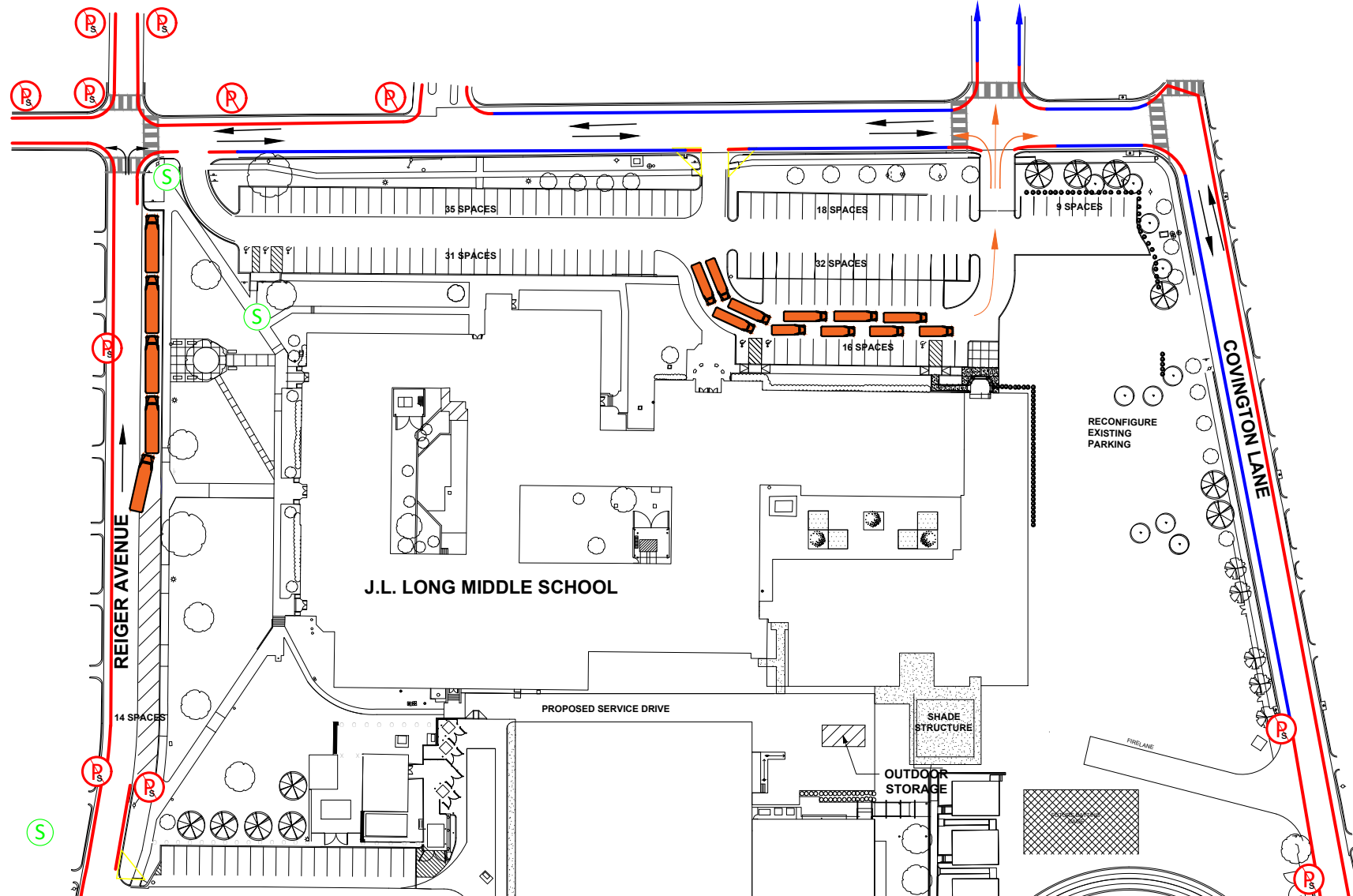
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Legend:

	Staff		On-Street Parent Parking
	Licensed Peace Officer		Traffic Flow
	Bus Loading		No Parking
			No Parking
			No Parking During School Drop off/Pick up



1 Traffic Management Plan





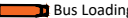



Not to Scale

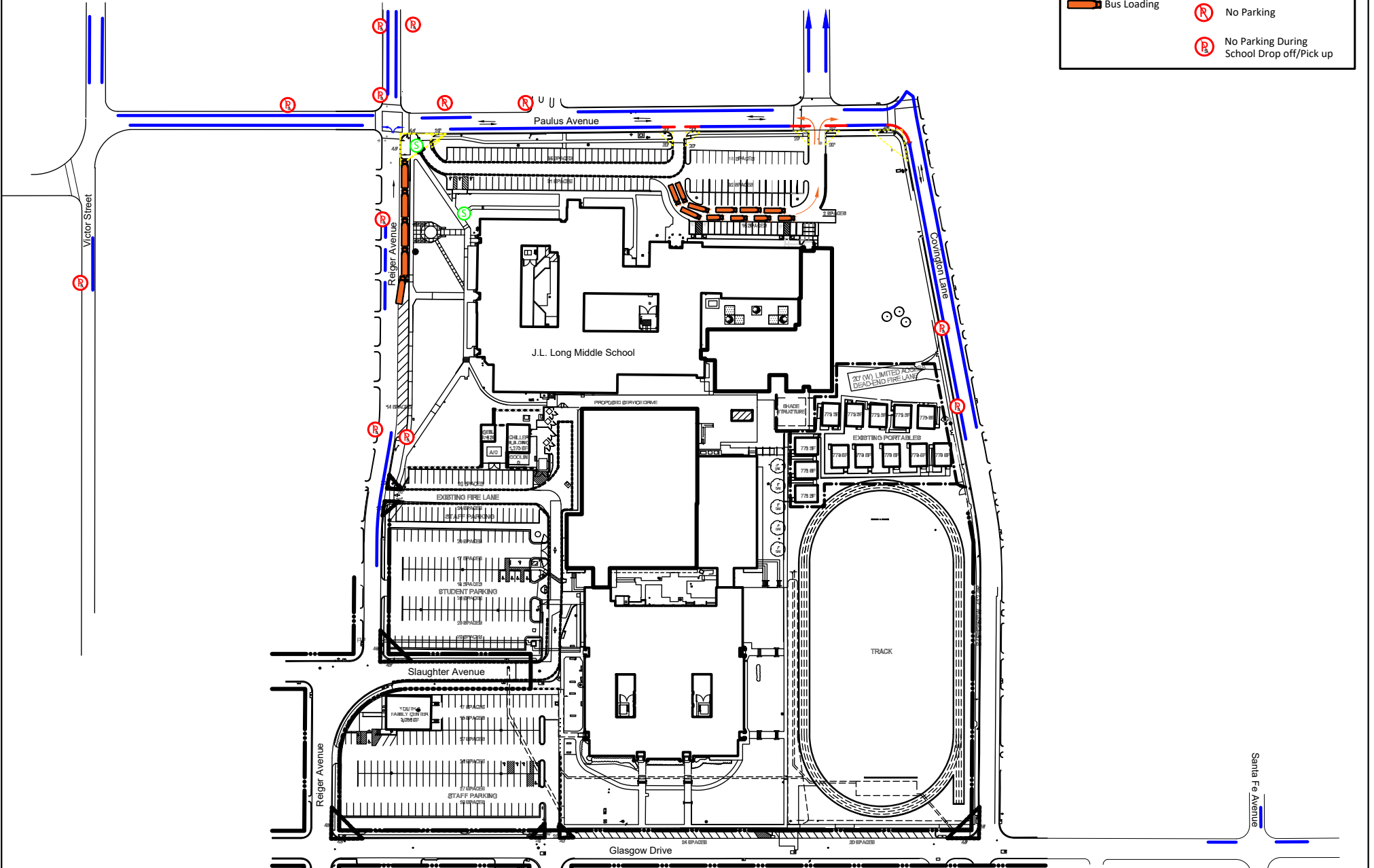
Appendix

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(PD 543)

Legend:

	Staff		On-Street Parent Parking
	Licensed Peace Officer		Traffic Flow
	Bus Loading		No Parking
			No Parking
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A Existing Conditions
Not to Scale

J.L. Long Middle School

Off-Site Improvements

Northbound Paulus Avenue, south of Reiger Avenue — Remove conflicting 30 MPH speed limit sign within School Zone (SR #22-00128033)



Westbound Covington Lane, 150' east of Paulus Avenue — Install School Zone Ahead (S1-1) .



Eastbound Reiger Avenue, north side of Slaughter Avenue — Replace old School Zone Area with School Zone Ahead (S1-1)



Eastbound Reiger Avenue, east of Slaughter Avenue — Install Cellphone Usage sign (099) under the School Zone Assembly sign. The sign indicated "When Flashing." The Flasher is missing.



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Off-Site Improvements

Eastbound Reiger Avenue at Paulus Avenue —
Replace RESUME with END SCHOOL ZONE
(086) under 30 MPH speed limit sign.



Westbound Reiger Avenue at Paulus Avenue —

- Replace old School Zone Assembly with S5-1.
- Install 30" Do Not Enter and School Zone Hour Time Plate on the back side of the 36" Stop Sign.



Northeast of Reiger Avenue at Paulus Avenue —
Replace old School Zone Ahead (S1-1).
Additional AHEAD (SW16-9P) optional.

