

January 11, 2021

PK# 2519-19.550

Z201-119

TRAFFIC MANAGEMENT PLAN

ROSEMONT PREP
CITY OF DALLAS



Hunter W. Lemley

Introduction

The services of **Pacheco Koch** (PK) were retained by Masterplan, on behalf of **Dallas Independent School District (DISD)**, to prepare a Traffic Management Plan (TMP) for zoning approval in the City of Dallas for Rosemont Prep (the "School") located at 719 N Montclair Ave, Dallas, TX 75208 Dallas, Texas. This TMP is site-specific and relates to the peak traffic activity associated with school traffic at the site.

School Description

- Type: Public Prep School
- District: Dallas Independent School District
- Address: 719 N Montclair Ave, Dallas, TX 75208
- Grades:
 - 4th-8th
- Start/End Times:
 - 8:20 AM – 3:25 PM (4th – 8th)
- Existing Zoning: R-7.5(A)
- Future Enrollment: 495



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School Access

- Adjacent Streets:
 - Montclair Avenue: Two lanes, two-way operation, un-divided [southbound one-way operational during school hours] [School Zone]
 - Taft Street: Two lanes, two-way operation, no median [eastbound one-way operational during school hours] [School Zone]
 - Mary Cliff Road: Two lanes, two-way operation, no median, designated bike lanes. [School Zone]
 - Ranier Street: Two lanes, two-way operation, no median. [westbound one-way operational during school hours] [School Zone]

- Adjacent Intersections:
 - Montclair Avenue and Taft Street - Marked crosswalks on east, west, and south approaches, barrier free ramps provided on all corners.
 - Montclair Avenue and Ranier Street – Marked crosswalks on east, west, and south approaches, barrier free ramps provided on all corners.
 - Mary Cliff Road and Ranier Street – Marked crosswalks on east (faded) and south approaches, barrier free ramps provided on northeast and southeast corners.
 - Mary Cliff Road and Taft Street – Marked crosswalks on east and south approaches, barrier free ramps provided on northeast, southeast, and southwest corners.
 - Sidewalks within walking distance of the school campus along adjacent streets appear to be sufficient for students to walk to and from School.

NOTE: It is generally recommended that all applicable crosswalks/barrier free ramps/sidewalks comply with current ADA accessibility requirements. Pacheco Koch is not certified to provide a full ADA compliance inspection, which is performed by licensed inspectors during the design and permitting process. All pavement markings, traffic signs, school zones, and pedestrian infrastructure improvements are recommended to be upgraded at permitting as applicable and meet current city and TMUTCD standards.

- Projected Travel Modes:
 - Bus: 5%
 - Walk: 10%
 - Sidewalk Connectivity appears to be sufficient for students to walk to and from School.
 - Picked Up by Parent: 85%

**Enrollment and Travel Mode Data assumed by DISD and validated by field observations.*

School Administration Input Statement

The engineer collaborated with both the School District personnel and on-site staff/principal (Mr. Barker at 972-749-5026) and Student Transportation Services as needed, before and during the process of creation of the Traffic Management Plan. Conversations having direct input from the school principal most recently occurred on January 11th, 2021.

NOTE: During the COVID-19 Pandemic of 2020, a portion of students significantly below the total enrollment (approximately 50%) have been in-person at the school building. Because of this, conditions are not normal and, out of necessity, recommendations for this study are based upon professional experience and knowledge from similar and prior studies, supplemented by on-site observations.

The site engineer, the architect and the traffic engineer have collaborated the traffic patterns of parent routes, bus routes, and recommendations of the TMP with the on-site and District personnel. The onsite and District personnel have completed a thorough review and any changes that have been discussed have been applied to this version of the plan.

TRAFFIC MANAGEMENT PLAN

Most recent on-site dismissal observations were conducted on Monday, January 11, 2021. A summary of existing conditions is stated below:

Field Observed Traffic Management Operations

Dismissal consists of a single dismissal group. The school is surrounded by four local streets – Montclair Avenue, Taft Street, Mary Cliff Road, Ranier Street. Parent traffic enters the area and queues along both curbsides of Montclair Avenue, and the school property curbside of Taft Street and Ranier Street. The school uses an “app” for parents to coordinate with staff members to make the pick-up operations more efficient.

Montclair Avenue operates as one-way southbound as vehicles enter from the north and travel southbound during the pick-up and drop off periods. As students enter the vehicles, the vehicles continue to travel southbound to exit the area. This queuing area is designated for 5th Grade.

Taft Street operates as one-way eastbound as vehicles enter from the west and travel eastbound during the pick-up and drop off periods. As students enter the vehicles, the vehicles continue to travel eastbound to exit the area. This queuing area is designated for Middle School.

Ranier Street operates as one-way westbound as vehicles enter from the east and travel westbound during the pick-up and drop off periods. As students enter the vehicles, the vehicles continue to travel westbound to exit the area. This queuing area is designated for 5th Grade.

Student crossings with crossing guards are located at the intersections of Taft Street and Montclair Avenue, at the intersection of Ranier Street and Montclair Avenue, and Taft Street and Mary Cliff Road.

A parking lot for staff and visitor traffic is accessible via Ranier Street.

Staff assistance shall be present to allow students to enter and exit the school building in a safe and efficient manner.

School buses load and unload students along Montclair Avenue. Bus ridership is minimal for Rosemont Elementary School.

Proposed Traffic Management Operations

With all operations stated in the preceding section of field observed traffic management operations, the following changes are proposed to be implemented for traffic management operations.

In lieu of parent vehicles queuing on the east curbside of Montclair Avenue, queuing is to occur in the existing parking lot on Ranier Street as shown in **Exhibit 1**. This queuing area, along with Montclair Avenue, will be designated for 4th Grade in addition to 5th Grade.

A graphical summary of specific recommendations and proposed conditions is provided below and depicted in **Exhibit 1**:

1. **Provide Ability for Queuing within Parking Lot** – In lieu of parent vehicles queuing on the east curbside of Montclair Avenue, queuing is to occur in the existing parking lot on Ranier Street.

Acknowledgement Statement

REVIEW AND COMMITMENT

This school traffic management plan (TMP) for Rosemont Prep was developed with the intent of optimizing safety and efficiently accommodating vehicular traffic generated during the school's typical student drop-off and pick-up periods. This plan was developed with direct input from individuals familiar with the general characteristics of the traffic needs of the school. It is important to note that a concerted and ongoing effort by and the full participation of the school administration are essential to accomplish these goals.

By the endorsement provided below, the school administration hereby agrees to implement, adhere to, and support the strategies presented in this TMP for which the school is held responsible until or unless the City of Dallas deems those strategies are no longer necessary or that other measures are more appropriate.

Marcos Borrero
Signature

01/11/21
Date

Name: Marcos Borrero

Title: Principal

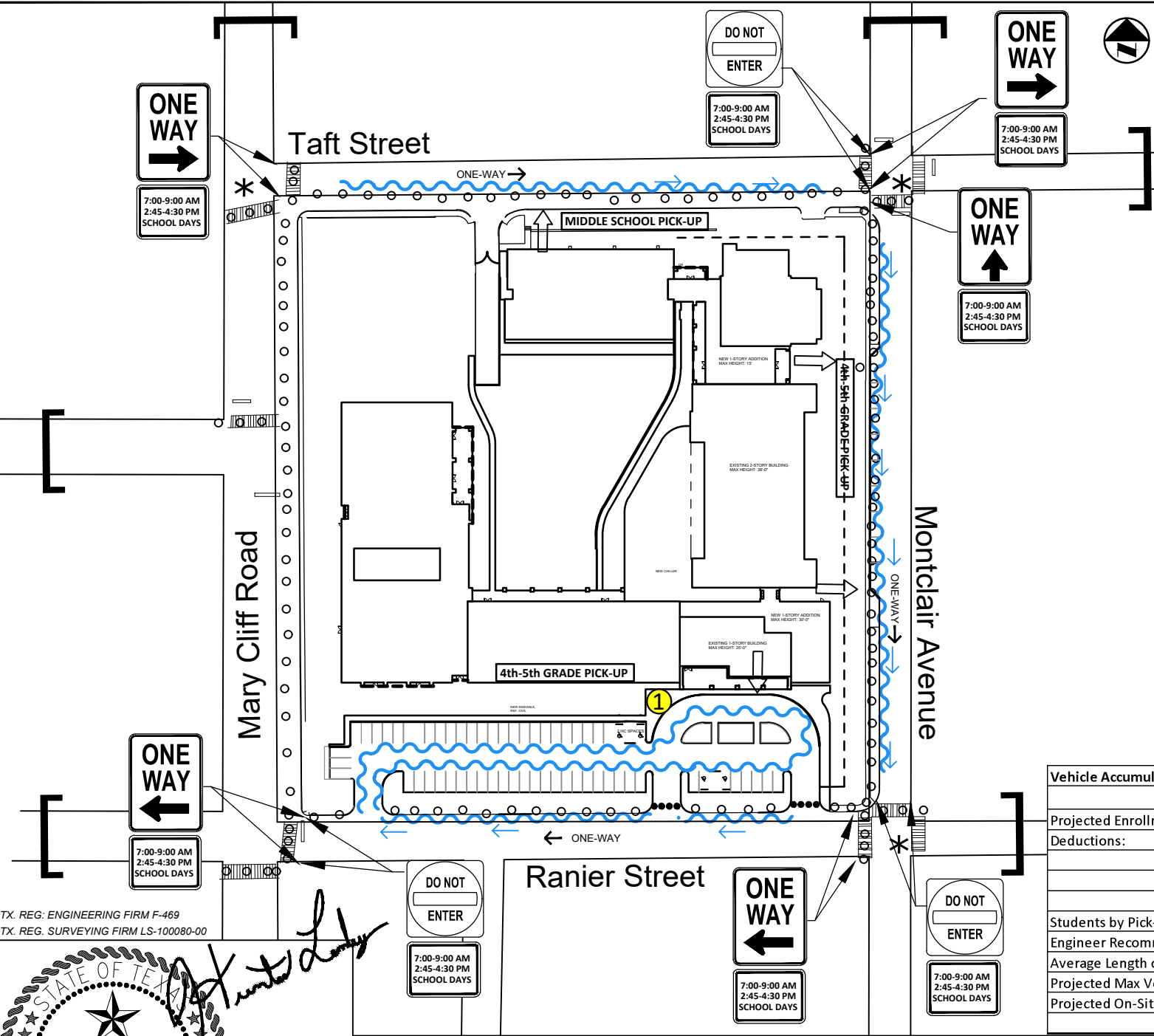
Police Department Signature

Date

Name: _____

Title: _____

END OF MEMO



- GENERAL NOTES:**
1. The subject school administration shall issue a formal communication (TMP Exhibit or similar) that summarizes the intent of the Traffic Management Plan at least once every school year.
 2. Front of queue must begin at the edge of pavement as shown on the plan, thus requiring students to walk to the front of the driveways. This is to maximize on-site queuing.
 3. Parent drop-off activity in the morning has a similar protocol as the parent pick-up in the afternoon. Generally, excessive traffic delays and queuing were not evident during the morning peak.
 4. Rosemont Primary dismissal begins at 3:10 pm (15 minute staggered time separation). No conflict with school traffic from the two campuses seemed to be observed.

LEGEND

- ~ - Queue Area (Conventional Loading)
- ← - Circulation/Flow
- - Pedestrian Route
- - Crosswalk
- [] - School Zone
- - Stop Line
- ↔ - Pedestrian Access Point
- * - Crossing Guard
- - Traffic Cones

ADJACENT ROADWAYS:
 Mary Cliff Road: 2-lane, undivided local street
 Taft Street: 2-lane, undivided local street
 Montclair Avenue: 2-lane, undivided local street
 Ranier Street: 2-lane, undivided local street

TMP MANAGEMENT STRATEGIES
 Student ID System: *Conventional Loading System*
 # of Staff Assistance: *None*
 # of Crossing Guards: *Two*

Vehicle Accumulation/Capacity	Notes	
	4 th -8 th	
Projected Enrollment	495	Students
Deductions:		
By School Bus (5%)	24	Students
By Walking (10%)	50	Students
Other (0%)	0	Students
Students by Pick-up/Drop-off	421	Students
Engineer Recommended Rate:	5.12	lf. of max. queue per student
Average Length of Vehicle:	23.5	lf/veh (PK Observed)
Projected Max Vehicle Accumulation:	92	Vehicles
Projected On-Site Capacity:	38	Vehicles
DEFICIT	-54	

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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY HUNTER W. LEMLEY, P.E. 125343 ON 01/11/2021. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

RECOMMENDATIONS
 1 Provide Ability for Queuing within Parking Lot

BACKGROUND:
 Approving Agency: City of Dallas
 Event/Type: Public School (Elementary School)
 On-Site Contact: Mr. Barker/Principal/(972) 749-5026

NOTE: This drawing is conceptual only and does not reflect a detailed design. Site plan designed and provided by others.

EXHIBIT 1 Z201-119
Traffic Management Plan
 Rosemont Prep, Dallas, Texas
Pacheco Koch