Traffic Management Plan

The Traffic Management Plan (TMP) for the Uplift Education Luna IH 30 campus is provided in **Figure 1**. Specific circulation operations for the Primary and the Secondary school scholars have been developed and are provided graphically.

The IH 30 WBFR is currently constructed as three lanes in the segment adjacent to the project site, and the posted speed limit is 45 mph. Vehicle speeds adjacent to the site appeared to be at or above the speed limit as observed during site visits during the AM peak periods.

A right turn deceleration lane is provided for entry to the campus. All motorists entering the campus are to utilize this right turn deceleration lane to enter the campus from IH 30 westbound frontage road.

Once inside the campus, two distinct paths of circulation are indicated: the blue (open arrow) path for the Primary School and the red (solid arrow) path for the Middle and High School operations. For the entering direction, the Primary School line is the inside (left) lane, and the Secondary School (Middle and High School) line is the outside (right) lane. Circulation through the campus to the drop-off/pick-up locations will follow protocol of first in, first served. Uplift Education staff will assist in directing on-site traffic flow and traffic management.

An area where the two distinct car lines cross each other is indicated at the top of the TMP figure. The Primary School motorists must STOP and follow staff directions prior to crossing the Secondary School motorists' vehicle path.

After either dropping off or picking up the scholar(s), motorists will depart the campus via a right turn onto IH 30 WBFR from the school driveway. There are two exit lanes provided from the campus to the frontage road. The outside lane (right side) is provided with an auxiliary lane to assist motorists departing the campus.

The site plan has been designed to accommodate 8,600 linear feet of vehicle queuing space for motorists picking up the scholars. **Table 1** provides the detailed calculations of the queuing storage for Buildout conditions.

Table 1. Full Buildout Queuing

Grade Level	# of Scholars	Queue Rate Length per Scholar (ft)	Linear Feet of Queuing Storage, LF		
			Calculated	TMP Provided on Site Plan	Above Calculated
PreK	80	5	400		
K - 5	672	4	2,688		
Total Primary	752		3,088	3,600	512
Middle School	588	3.2	1,882		
High School	672	3.2	2,150		
Total Secondary	1,260		4,032	5,000	968
Total	2,012		7,120	8,600	1,480