

O O SafeAccess

Tavares Middle School

Tavares Middle School Snapshot



| 1,023 |
|-----------|
| 821 |
| 202 |
| 23 |
| 84 |
| 59 |
| 25 |
| 21 |
| 3 |
| 18 |
| |
| -15 (est) |
| |
| |



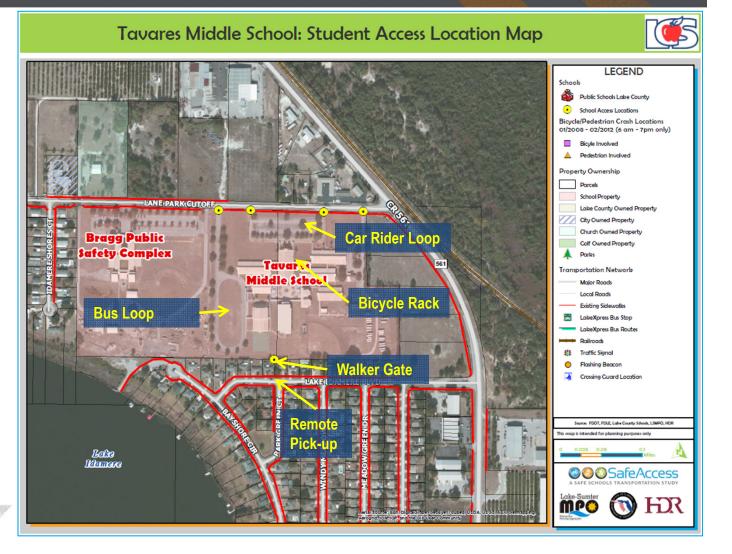
- Tavares Middle School website Click here
 - City of Tavares website Click <u>here</u>
 - Lake County Schools website Click here

*LCS PRZ is the Lake County Schools Designated Parent Responsibility Zone

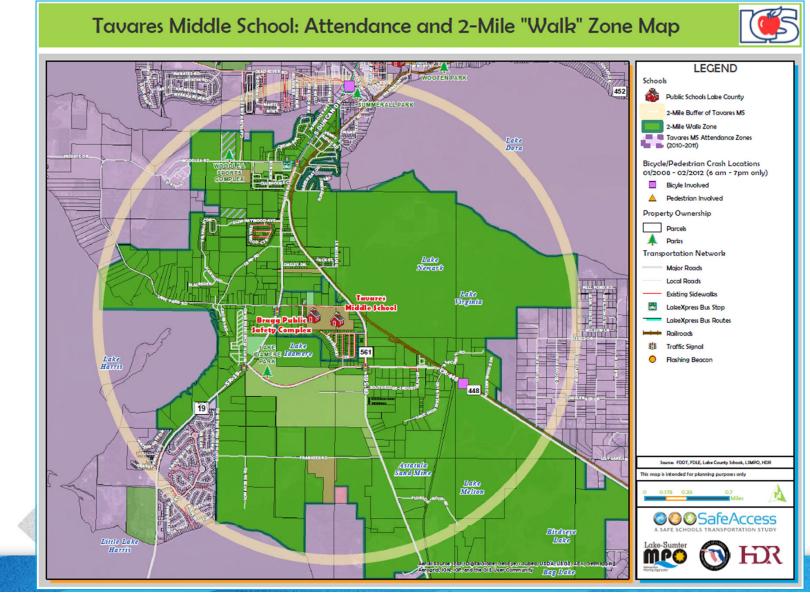
Campus Access Overview

Findings:

- Car queue backs up onto Lane Park Cutoff in PM; Vehicles do not block bus access
- Adequate storage on bus loop
- After care van (1) uses car line
- Walker gate opens at 8:55 AM
- Teacher supervision starts at 8:50 AM



Attendance and 2-Mile "Walk" Zone Map



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Arrival and Dismissal Schedule

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- 8:45 am: Students arrive
 8:50 am: Teacher supervision begins
 9:00 am: Buses unload
 9:15 am: School Starts
 3:40 pm: Bus gate opened; Buses start to stage
 4:00 pm: Students released
- 4:25 pm: Most students are off campus





Note: Students are released one hour early on Wednesdays



On-Site Storage





Findings:

- ✓ 17 regular service buses and 6 ESE buses (23 total)
- Bus riders are staged in a courtyard by the bus ramp and released as buses arrive

Bus Access

- Buses do not arrive at the same time; Sufficient storage observed on site for staggered bus arrival
- Bus gate not opened until 3:40 PM 8 buses queued prior to gate opening; Buses turn around in Big House parking lot to come into bus loop from east prior to gate opening
- Students load around bus loop to the end of the sidewalk
- Bus operations were observed to be well-run and efficient

Recommendations:

Open bus gate earlier or coordinate with Big House to allow bus storage in parking lot until gates open

Student Drop-off & Pick-up

Findings:

- School has issue with students not wanting to wait on car ramp; Parents allow younger siblings to play outside car while waiting for school dismissal
- Car queue observed to back up onto Lane Park Cutoff;
 Vehicles do not block bus access
- Officers at the Bragg Public Safety Complex have complained about pick-up queue blocking driveway







Student Drop-off & Pick-up

Recommendations:

 Install benches and walkway cover over pick-up / drop-off area to shelter waiting students from elements

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A SAFE SCHOOLS TRANSPORTATION

Tavares Middle School

- Benches / low wall along backside of pick-up walkway might deter parents from allowing younger siblings to run around property
- Repaint parking lot to visually identify traffic flow internal to site
- Install stop sign at parking lot exit
- Replace chevron pavement paint at parking lot exit with concrete divider island ("porkchop")
 - Would serve as traffic calming device and pedestrian refuge along front side of campus



Existing Car Loop Pick-up / Drop-off Area



Remote Drop-off & Pick-up

Findings:

 School has received complaints about parents picking up on Lake Idamere Blvd behind the school by the back walker gate; Only one vehicle observed to wait there for a student in the afternoon



SAFE SCHOOLS TRANSPORTATION STUDY Tavares Middle School

Bike/Walk Access





Findings:

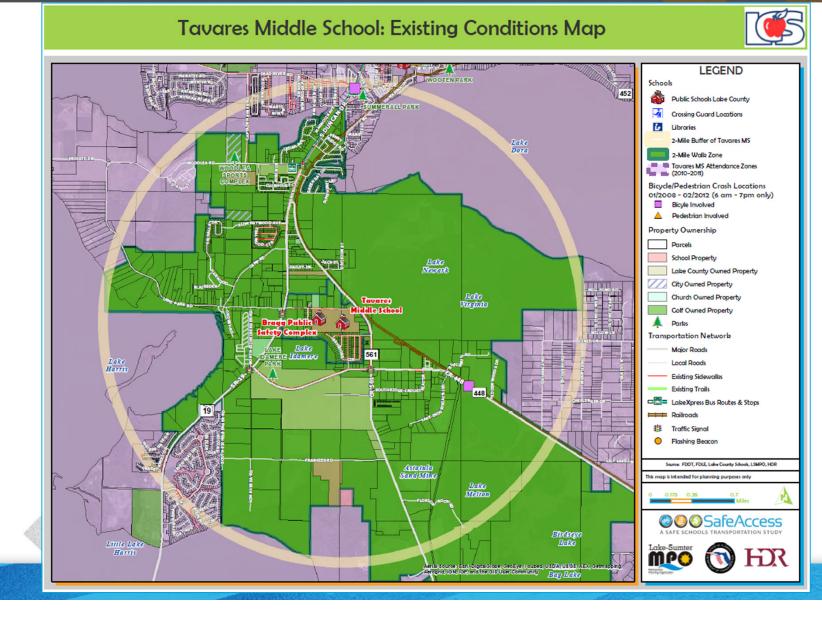
- Most walkers and bike riders arrived on campus via the back gate
- Bicycle rack located by main office in grass
- 2 bikes found just outside back pedestrian gate
- V No sidewalk connections into school from Lane Park Cutoff Rd
- Some students attend karate school on north side of Lane Park Cutoff Rd
- School anticipates aftercare program at The Big House once open

- Relocate bicycle rack near back pedestrian gate
- Replace existing bicycle rack with inverted "U" or ribbon style bicycle rack; Construct a concrete pad for bicycle rack
- Construct new sidewalk connections along both sides of car loop
- Construct new sidewalk on north side of Lane Park Cutoff Rd with crossing to karate school

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Existing Conditions Map

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Recent Policy Changes

Findings:

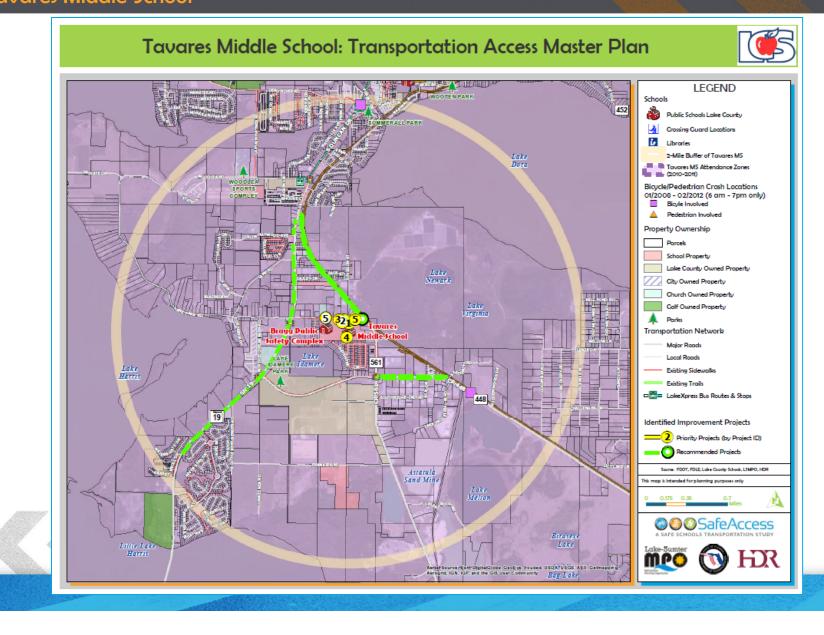
- On June 24, 2013 the Lake County School Board voted to formally discontinue all courtesy busing for elementary and middle school students who live within 2-mile walk zone of the school
 - This essentially makes the new parent responsibility zone equal to the 2-mile walk zone, except for schools with identified Hazardous Walking Areas
- ✓ 59 Students were courtesy bused last year within the 2-mile walk zone for Tavares Middle School
- Given the largely rural nature of the school location, it is likely most of these children will be brought to school by car, additional car queue issues and wait times should be anticipated
- The Board is also considering combining middle and high school students on the same bus for the 2014-2015 school year.
 - This would involve moving middle school start times earlier from their existing 9:05 to 9:15 time frame to the proposed 7:35
 - This would also cause the elementary schools to be moved back almost 25 minutes to start around 8:55 in the morning



Transportation Access Master Plan

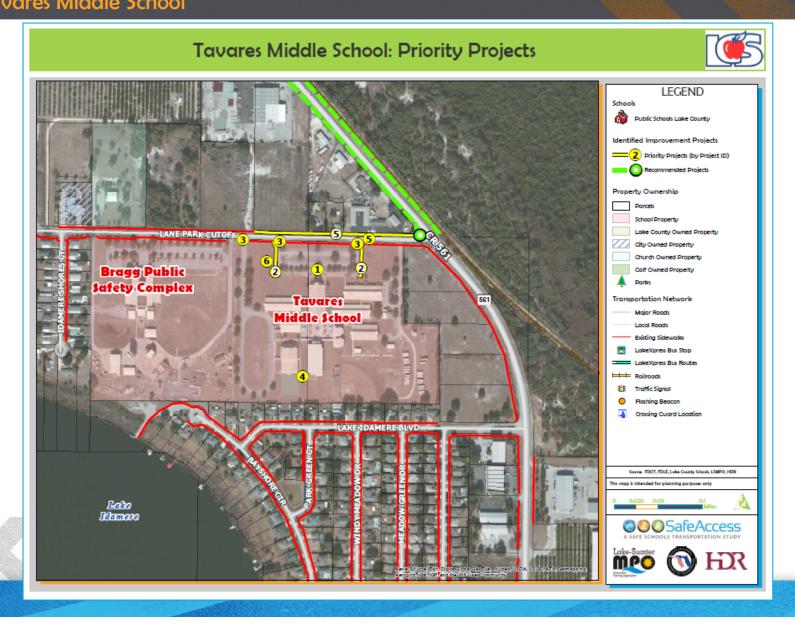
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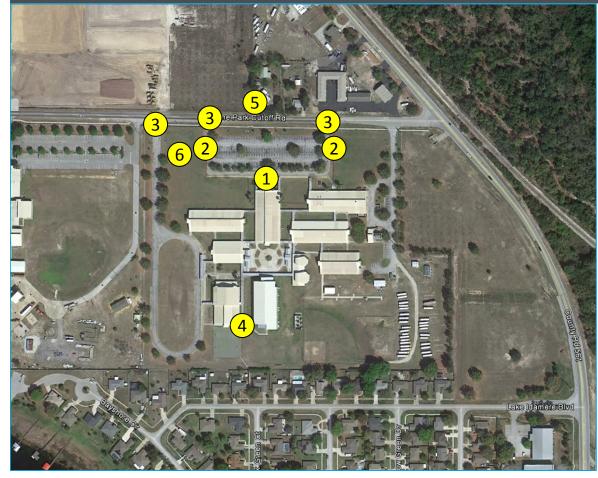
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Priority Projects



Safe Access Recommended Priority Projects Recommended Priority Projects

Tavares Middle School



- 1. Improve car loop amenities for students
- 2. Construct car loop sidewalk connection to Lane Park Cutoff Rd
- 3. Repaint school driveway crosswalks
- Relocate bike rack; Install concrete pad and bike cage; Replace bike rack with inverted "U" or ribbon style bike rack
- Construct new sidewalk on north side of Lane Park Cutoff Rd from CR 561 to The Big House
- 6. Expand car loop parking toward bus loop to provide more on site storage / event parking

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Recommended Project List

| Project Number | Roadway | Location | Project |
|-------------------|------------------------|--|--|
| 1 | At School | Car Loop Ramp Install benches, trash cans, and awnings for car ramp students | |
| 2 | At School | Car Loop | Construct new sidewalk along both side of car loop to Lane Park Cutoff Road |
| 3 | Lane Park Cutoff Rd | All School Driveways | Repaint crosswalks for car loop and bus loop; extend island at bus loop to create refuge |
| 4 | At School | Bicycle Rack | Relocate bicycle rack; construct concrete pad and bike cage; install ribbon or inverted "U" style bike rack |
| 5 | Lane Park Cutoff Rd | CR 561 to The Big House | Add sidewalk on north side of road; install mid- block crosswalk in front of karate school |
| 6 | At School | Car Loop | Expand front parking lot on west side and have cars enter / exit from bus loop driveway; add new parking spaces for events |



Recommended Project #1

Improved Amenities on Car Loop Ramp

- Install benches, trash cans, and awnings over pick-up / drop-off area to shelter waiting students from elements (approx. 490 ft)
 - Benches / low wall along backside of pick-up walkway could also deter parents from allowing younger siblings to run around property
 - Shelter and seating may increase appeal for students to wait for parents at the car loop
 - May improve vehicle queue on Lane Park Cutoff with reduced waiting times for parents



EXAMPLE: Cecil Gray Middle School with Covered Walkway, Benches, and Low Wall



Recommended Project #2 Car Loop Sidewalk Connects

- Construct new sidewalk on east and west sides of car loop / parking area to provide connects to existing Lane Park Cutoff Road sidewalk
 - ✓ Preferred sidewalk width of 8' (minimum sidewalk width of 5')
 - ✓ Would require relocation of existing fencing to provide space for new sidewalks



Recommended Project #3

Repaint School Crosswalks / Extend Island at Bus Loop

Recommendations:

Repaint crosswalks as high visibility ladder style at all school driveways



Recommended Project #3

Repaint School Crosswalks / Extend Island at Bus Loop

- Extend island between bus loop and Public Safety Complex to separate driveways and create pedestrian refuge
- Realign sidewalk and crosswalks





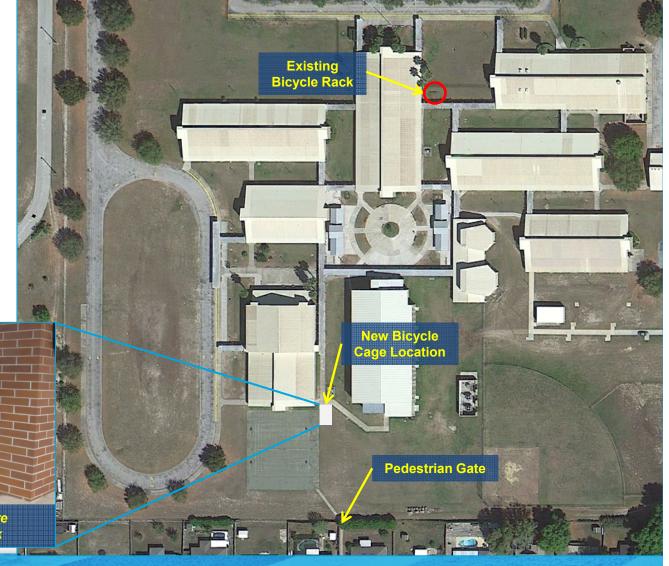
Recommended Project #4

Relocate / Improve Bicycle Parking

- Relocate bicycle rack to back of school closer to pedestrian gate
- Replace bicycle rack with inverted "U" or ribbon style bicycle rack
- Install bike cage to secure bikes during school
- Construct concrete pad



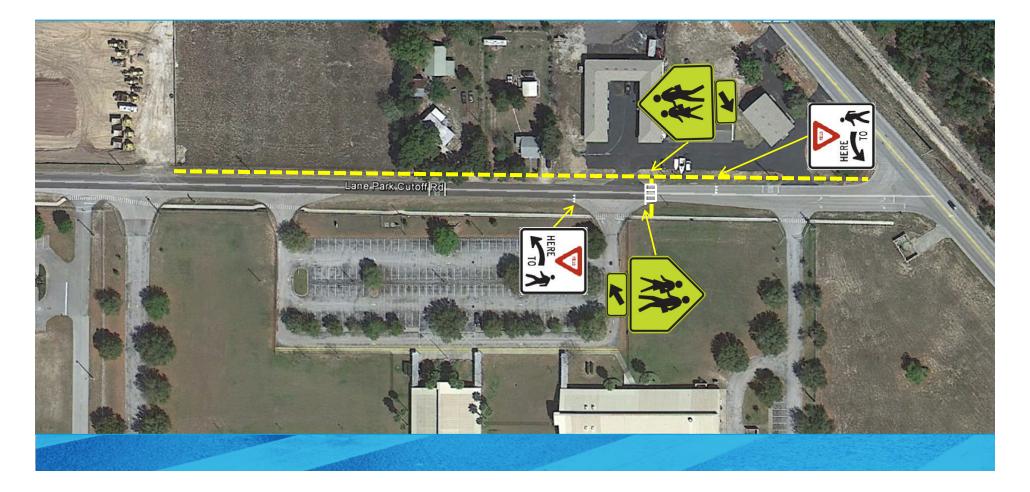
EXAMPLE: East Ridge Middle School Secure Bicycle Parking with Ribbon Style Bike Rack



Recommended Project #5

Construct Lane Park Cutoff Road Sidewalk

- ✓ Add sidewalk on north side of Lane Park Cutoff Road from CR 561 to The Big House
- ✓ Install mid-block crosswalk to Karate School on north side of road



Recommended Project #6 Expand Car Loop

Recommendations:

Add pull through queue space – 4 rows, after lot is full, cars queue in rows starting with 1 through 4 then pull forward back into lot beginning with row 1, a similar queue is used at Lost Lake ES and is pictured on the next page, may require staff to direct traffic.





Recommended Project #6 Expand Car Loop

Recommendations:

Similar approach at Lost Lake ES



Cost Estimates For Priority Projects

| Priority # | ltem | Quantity | Units | Total |
|------------|--------------------|----------|--------|--------------|
| 2 | Sidewalk | 400 | ft | \$72,200.00 |
| 3 | Crosswalk | 195 | ft | \$435.00 |
| 3 | Island | 1 | Ext | \$24,900.00 |
| 5 | Crosswalk Signs | 4 | Signs | \$1,200.00 |
| 5 | Crosswalk | 25 | ft | \$56.00 |
| 5 | Sidewalk | 2 | Signs | \$1,000.00 |
| 6 | Car Loop Expansion | 1 | Exp | \$144,000.00 |
| 6 | Car Loop Arrows | 35 | Arrows | \$3,500.00 |

ESTIMATE BASIS AND ASSUMPTIONS:

- Sidewalk estimates based on estimating tool developed for Phase 1, Estimates for all other improvements based on Unit Costs per FDOT Lake County (Area 7) averages (07/2011 06/2012).
- · Estimate does not include design costs, CEI costs, or utility relocation costs, utility relocation assumed by others.
- The mobilization costs are based on 15% of the construction cost and estimates include maintenance of traffic costs (15% of construction costs).
- Regular excavation & embankment to 1 ft depth is assumed
- No R/W costs included
- No specialized landscaping (beyond sodding) is included.
- Sidewalk is assumed to be 5 feet wide, unit given is in linear feet.

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Other Recommendations

Tavares Middle School

| Roadway | From/To | Project |
|---------|-----------------------------------|----------------------------|
| CR 448 | CR 561 to Lake Industrial Blvd | Add sidewalk on both sides |
| CR 561 | SR 19 to Lake Park Cutoff Rd | Add sidewalk on both sides |
| SR 19 | CR 561 to Oak Bend subdivision | Add sidewalk on west side |



Other Sidewalk Project CR 448 Sidewalk

Recommendations:

✓ Add sidewalk on both sides of CR 448 from CR 561 to Lake Industrial Blvd





Other Sidewalk Project

- Close sidewalk gaps on both sides of CR 561 and extend from SR 19 to Lane Park Cutoff Rd
- Add sidewalk on west side of SR 19 from CR 561 to Oak Bend subdivision
 - ✓ Coordinate with SR 19 Future Plans Project



Contact Information

This website represents an ongoing commitment to increase safe access to schools within the Lake-Sumter Metropolitan Planning Organization Planning Area.

Updates to data, and suggestions for programming and project ideas are welcome from all agencies and the general public.

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Promoting Regional Transportation Partnerships