

Current Conditions

Currently, there is an issue with congestion at South Elementary School, located on the west side of Route 25. During the beginning and ending of the school day, traffic often becomes backed up on Route 25 and on the school campus. South Elementary School currently has one entrance. Secondly Route 25 is a two-lane road with no turn lanes at the school entrance. Traffic turning left has to wait for a pause in opposing traffic to enter the school zone, blocking northbound traffic. There also appears to be inadequate storage for southbound turning traffic.

Proposed Solution

To combat the multiple issues contributing to congestion at South Elementary School, MoDOT, the City of Jackson and Jackson R-2 School District will implement solutions recommended in a traffic analysis by Burns & McDonnell consulting engineers:

1. Add northbound and southbound left turn lanes on Route 25
2. Install traffic signals with left turn indications at the Route 25 intersection
3. Widen the access driveway at Route 25 allowing for separate eastbound left and right turn lanes
4. Construct a traffic circle to connect the east and south parking areas on School Lane
5. Reconfigure the east and south parking lots to re-

move the access points from the loading zones

6. Construct low-profile medians along both east and south loading zones, creating dual lane drop-off and pick-up lanes
7. Mark crosswalk locations with pavement striping conforming to MUTCD
8. Add signing to the circulatory roads and parking areas directing traffic in the one-way circulation
9. Add striping to delineate two queuing lanes approaching the east loading zone and parking spaces in both lots
10. Expand parking capacity to 150 spaces
11. Add pedestrian signals to accommodate east-west movement to the preschool at New McKendree United Methodist Church

Estimated Cost & Schedule

The project construction estimated at \$750,000. That assumes \$200,000 will be used on the school property, \$350,000 to improve the intersection and \$200,000 to widen Route 25 to provide turn lanes. MoDOT will cover all engineering costs. The City of Jackson will absorb utility relocation costs. Jackson R-2 School District and New McKendree United Methodist Church

will contribute easements for the expanded facility improvements.

If the project is awarded in April 2010, the project is expected to be completed in August 2010. However, this schedule is contingent on possession of all necessary easements.



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