

## US I-75 PAVEMENT REHABILITATION LINWOOD, MICHIGAN

### MOVEABLE BARRIER FOR CONSTRUCTION LINWOOD ROAD TO PINCONNING ROAD

#### MICHIGAN DOT WINS REGIONAL AWARD FOR PROJECT ACCELERATION

The Michigan Department of Transportation (MDOT) has been recognized at the regional level in the 2012 America's Transportation Awards competition. The I-75 Linwood to Pinconning project in Bay County was announced as the winner in the "Ahead of Schedule, Medium Project" category.

This \$29 million project was originally scheduled to take 18 months to complete. Instead, Walter Toebe Construction Company finished repairing and reconstructing 32 lane miles of I-75 in an 8-mile stretch in less than one year. Moveable barrier was one of the innovations used to help accelerate the construction schedule, which was the key component to the success of this project. All traffic was switched over to

one side of the highway, and a wall of moveable barrier was deployed to separate the northbound and southbound traffic.

The wall was moved twice per week to keep two lanes open for heavy tourist traffic in one direction (northbound on Fridays and Saturdays, southbound on Sundays). This helped mitigate the potential traffic congestion and allowed the contractor full access to one side of the freeway for better quality repairs and an accelerated construction schedule. MDOT spokeswoman Anita Richardson credited technology innovations, including the use of the moveable barrier, for helping complete the project ahead of schedule.

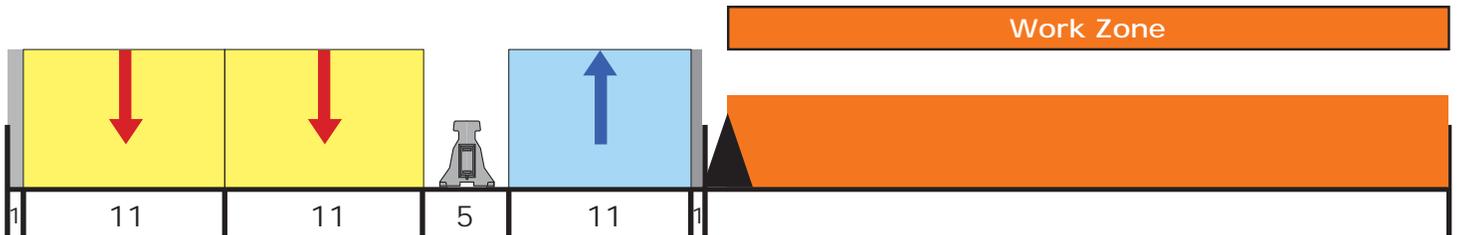


Traffic is crossed over and Moveable Barrier creates a 1/2, 2/1 configuration

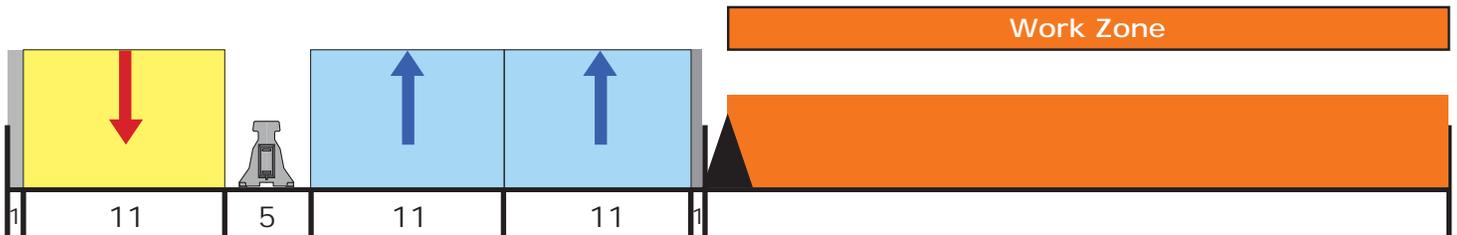


Accelerated construction and better quality repairs

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NORTHBOUND PEAK



SOUTHBOUND PEAK

### Project Highlights:

- I-75 from Linwood Road to Pinconning Road
- 7.83 miles of concrete overlay, drainage and safety improvements & bridge rehabilitation on 7 structures
- Prime contractor: Walter Toebe Construction Co.
- Moveable median provided a 1+2/2+1 traffic pattern
- Full width construction helped accelerate the construction schedule
- Barrier wall was transferred twice per week
  - Wednesday to provide 2 lanes NB
  - Saturday to provide 2 lanes SB
- 11' lane width provided with moveable barrier
- Project completed 1 year ahead of schedule
- Winner in the "Ahead of Schedule, Medium Project" category for the MAASTO/AASHTO regional award

