

Note from AASHTO Staff:

Web page displayed in this presentation can be found at:

[www.64addlane.com](http://www.64addlane.com)



**INTERSTATE**

**I-64 Add-lane  
Construction Project**

# Construction Project Summary

- Prime Contractor, Fred Weber, Inc.
- 7.7 miles long along I-64 from IL 157 to North Green Mount Road
- Adding lane in both directions resulting in a total of 6 lanes, structure, highway lighting, and signal improvements
- Began in February 2005
- Scheduled Completion July 2007

# Why did we choose this contract for ITS?

- 71,000 vehicles/day volume, recurring PM traffic congestion, grade change, limited access
- Increased traffic during Christmas season
- High-profile project
- Parallel alternate routes



# Traffic Monitoring System Components

The screenshot displays a Microsoft Internet Explorer browser window at the URL <http://www.64addlane.com/>. The page header features the Illinois Department of Transportation logo and the title "I-64 ADD-LANE PROJECT". A refresh notice indicates the page updates every 60 seconds, with the last refresh occurring on 9/9/2005 at 3:42:06 PM. Navigation links include "ABOUT THE PROJECT", "PLANNED WORK / LANE CLOSURES", "WHAT IS OCCUPANCY?", "CONTACT US", and "LOGIN".

The main content is a map of I-64 with various traffic monitoring components. A legend in the bottom-left corner of the map area defines the symbols:

- Speeds above 45 MPH (Green car icon)
- Speeds 25 - 45 MPH (Yellow car icon)
- Speeds 0 - 25 MPH (Red car icon)
- Project Work Zone limits (Blue line)
- Variable Message Sign (Black sign icon)

The map shows a blue line representing the project work zone limits along I-64, with various speed indicators and variable message signs placed at specific locations. A taskbar at the bottom shows several open applications, including "Inbox - Microsoft...", "64ADDLANE.COM...", "FY06 ITS Mainten...", "ITS Maintenance...", and "Work Order Data...". The system clock shows 3:42 PM.

TRAVEL  
TIME  
8 MIN

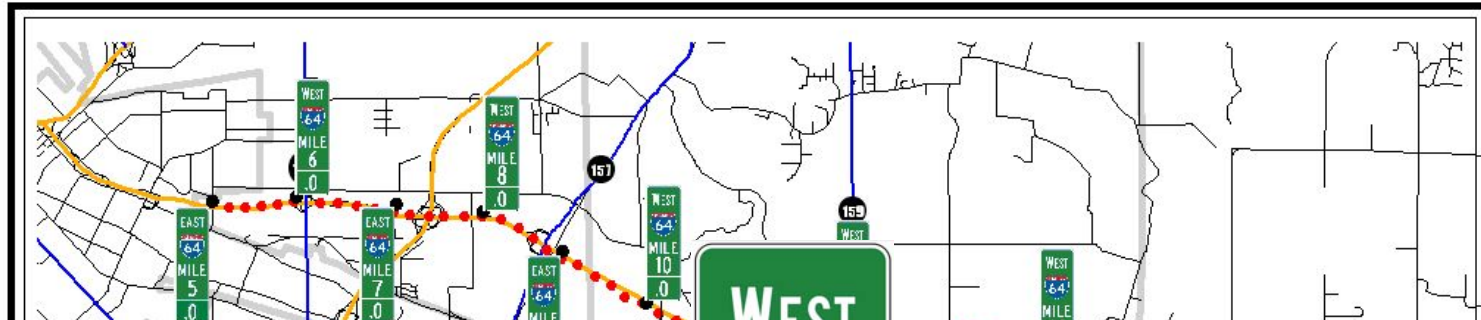




# Additional ITS/Safety Enhancements

## I-64 Add-lane Construction Project Emergency Response Reference Markers

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# Cost breakdown

- Total awarded contract amount \$56 million
- Traffic Monitoring System (TMS) is \$14,500/cal mo @ 30 months = \$435,000
- TMS is less than 1% of contract value

# Lessons Learned/Recommendations

- Vendor's performance varies dramatically
- Wireless communication strategy is key
- Successful system requires hands-on from DOT
- DOT should provide vendor with exact information for messaging and incident scenarios
- DOT should perform periodic tests



Questions / Comments?