Bridging NC’s Data Gap

Jo Ann Oerter
State ITS Operations Engineer
NCDOT
ITS America – June 2, 2009
WHERE WE WERE.....

• 50 miles in the Charlotte area
• 75 miles in the Raleigh area

• 125 miles / 1100 miles = 11% covered
WHERE WE NEED TO BE…..

• ALL INTERSTATES

• 1100 miles of coverage
WHY WE NEED MORE.....

• SECTION 1201 -
  Real-Time System Management Information Program –
  • Within 10 min in Metropolitan Areas
  • Within 20 min in Rural Areas

• CUSTOMERS EXPECTATIONS
  • Our customers expect to have information now.
  • We continually get requests to provide more data on our roadways.

• PERFORMANCE MEASURES

• BETTER MANAGEMENT OF OUR ROADWAYS
HOW WE USE THE DATA.....

• Incident Detection
• Travel Information
  • Website
  • 511
  • DMS
• Route/Corridor Management
• Event and Emergency Management
• Planning
INCIDENT DETECTION

- Detect in areas we don’t have or have gaps in ITS coverage

VERIFY:

- Dispatch IMAP
- Communicate with Law Enforcement
TRAVEL INFORMATION

Traveler Information Management System

Get real-time information on events that cause severe and unusual congestion on NCDOT maintained roadways in North Carolina by clicking a region icon on the map or by choosing a region, route or county from the drop down list below.

Select by Region: [ ] Route: [ ] County: [ ]

Download all Active Incidents into Excel
I-85 CONSTRUCTION IN GRANVILLE AND VANCE COUNTIES

Delays Expected; Motorists Encouraged to Use Alternate Route Below

MAP NOT DRAWN TO SCALE

* PRIMARY ALTERNATE ROUTE IS 43 MILES LONGER, BUT WILL HELP AVOID THE HEAVY TRAVEL DELAYS EXPECTED, ESPECIALLY ON THURSDAY, NOV. 26 AND SUNDAY, NOV. 29. *
EVENT AND EVACUATION MANAGEMENT

- Hurricanes
- Inauguration
- etc....
OTHER BENEFITS…..

IMPROVED COMMUNICATION AND COORDINATION

• NCSHP
• Law Enforcement
• Emergency Responders
• Municipalities
• Other States
• NCDOT
Bridging NC’s Data Gap

QUESTIONS??????

Jo Ann Oerter
State ITS Operations Engineer
NCDOT
joerter@ncdot.gov
919-771-2520