



# Communication of Pavement Management Results

CAPTG Workshop  
September 9, 2019

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providing engineering solutions to improve pavement performance

# Communication of Results

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- Within an agency results should be shared easily and freely
  - Technology has improved dispersion of results
- Information kept within a silo is not beneficial to the agency as a whole



# Condition Data User Categories

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- Maintenance
- Operations
- Engineering
- Planning and Management
- Other Agencies and Groups



# Maintenance Uses

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- Locate and identify candidate pavements for maintenance repairs
- Estimate of total quantities of repairs
- May use to justify annual pavement maintenance budgets



# Operations Uses

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- Uses condition data to identify potential issues in performance or safety
- Uses structural evaluation data to identify areas they can operate without overloading
- Uses skid resistance and smoothness data to ensure braking ability and rideability for safe operations



# Engineering Uses

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- Condition data for developing identifying rehabilitation need and multi-year CIPs
- Structural evaluation data to assist with design, construction, or rehabilitation
- Skid resistance data to determine the friction for safe operations
- Demonstrate the financial need and the impact of constrained budgets



# Planning and Management Uses

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- Focused on summarized results
- Often used as a tool for long-term planning
- Understand impacts that future decisions have on pavement-related expenditures
- Present summary data to governing agencies, users, and general public



## Other Agencies and Groups Uses

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- May include airline operators, Transport Canada, other government agencies, and the general public
- Data generally at summary level
- Uses are varied between users





# Presentation of Condition Data and Results

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- Hard copy report
- Executive summary
- Tables, figures, and maps
- PMS database
- GIS (including incorporation with other assets)
- Interactive website/online portal



# Online Portal

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- Conveys pavement data in interactive format
- Breaks down information silos
- Does not require specialized knowledge or software
- Access to data can be controlled





## Online Portal Demo

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Questions?

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