

Virginia Polytechnic Institute and State University
Charles E. Via Jr. Department of Civil Engineering
Pavement Evaluation Conference 2014

***Right measures? Right Quality?
Right Quantity? What is the
Benefit?***



Moderator: Kevin McGhee

Panel: Thomas Van, Rudy Blanco, Rohan Perera, Bouzid Choubane, John Andrews and Brian Ferne



Panel Question 1: Thomas Van

✓ Right measures?

Pavement and asset management require significant amounts of quality pavement condition information. Therefore, to start the discussion, we would like to ask: Is the data we are collecting appropriate for feeding (1) the current agency pavement management needs, and (2) the performance-based asset management plans required by MAP-21? If not, what changes would you envision would be needed?

Panel Question 2: Rudy Blanco

✓ Right quality?

There have been several recent efforts to identify and document best practices for assuring the quality of pavement condition data. In your opinion, are agencies and data-collection service providers doing enough to assure that the data quality is sufficient to support the pavement management business processes? Can you give specific examples of good data quality control and acceptance practices/ tools?

Panel Question 3: Rohan Perera

✓ Right analysis?

As we are going to discuss over the next couple of days, the technological advances in pavement data collection have been amazing. Have our analytical tools been able to keep up with these changes so we are making the best use of the data we are collecting? Do you envision any changes in the analysis tools and practices?

Panel Question 4: John Andrews

✓ Right quantity?

Typically, we have collected network-level pavement condition data for our pavement management systems and then conducted more detailed and thorough evaluation at the project level for the pavement section that are selected for inclusion in the works program. Given today's technology, is this still the most appropriate model? Can/should we start looking at collecting project-level data for our entire networks?

Panel Question 5: Bouzid Choubane

✓ What is the benefit?

One difficult task for the pavement managers is to justify the large recurrent expenditures needed to collect pavement condition data.

How can we show the benefits of collecting the data? Are there good examples of studies that have documented these benefits?

Panel Question 6: Brian Ferne

✓ Comparison of international practice

Do you see any significant differences on the way we collect and analyze the data in the US in comparison with what is done in Europe? Can you give examples of “good” practices on both sides of the Atlantic?