Why the disconnect?

Quality  Performance
Where’s the disconnect?

Agency / Owner

Contractor
Quality and Performance – an evolution.

Agency / Owner

- Relied on Traditional Specifications
- Difficultly translating into performance.

Contractor

- Conform to Traditional Specifications
- Bottom Line ($)
Quality and Performance – an evolution.

Change in Industry – Evolving test procedures.

Agency / Owner
- Relied less on Traditional Specifications AND
- Performance Specifications

Contractor
- Conform to Specifications
- Bottom Line ($)
Quality and Performance – an evolution.

Change in Industry – Introduction of the P3 Model

Agency / Owner

- Relied less on Traditional Specifications AND
- Performance Specifications

Contractor

- Conform to Traditional Specifications
- Bottom Line ($) AND
- Opportunity to Innovate
Quality and Performance – an evolution.

Change in Industry – Introduction of the P3 Model

Agency / Owner
- Relied less on Traditional Specifications AND
- Performance Specifications

Contractor
- Conform to Traditional Specifications
- Bottom Line ($) AND
- Opportunity to Innovate

Gave up some control. Added accountability.
Quality and Performance – an evolution.

Change in Industry – P3 Model / New testing procedures.

Agency / Owner

- Shifting to Performance-based Specifications?

Contractor

- Even more Opportunity to Adapt and Innovate.

Reduced risk to the owner.

More opportunity to the Contractor.
What’s next?

• Needs tools to evaluate / proof products.
• New tests to better quantify performance.
• Improved procedures to ensure the end product meets the intent of the design.
• Shared risks – extended warranties.
• Better specifications?
• Balanced Mix Design?
Thank-you