PCC Paving Field Inspection

- Why are we here?
- How do we achieve quality for PCC paving?
- Got a project….Now what?
- What is concrete?
- What kinds of equipment are used?
- What happens before you start paving?
- What happens when you’re finally paving?
- What is the inspector’s role?
- What about all of the other road building stuff?
- What do you look for in urban paving?
- What paperwork?
Instructor

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Q: HOW DO WE ACHIEVE QUALITY FOR PCC PAVING?

A: “Making sure the quality of a product (concrete paving) is what it should be…”
- Philip Crosby
How do we achieve quality for PCC paving?

• What is quality?
• Who cares?
• How do we get it?
What is quality?

• How do you define quality?
  ➢ “Conformance to requirements”
  ➢ “The customer deserves to receive exactly what we have promised to produce.“ -- Crosby

• What is the result of quality for a pavement?
  ➢ Long-lasting pavement
  ➢ A good riding surface
What is quality?

Long-lasting smooth pavement  
Acceptance

Construction Activities
Who cares?

The Contractor

• Reputation
• Incentives vs. Disincentives
• Rework = Lost $$
Who cares?

The Owner

• Better working environment
  ➢ Project partners are qualified
  ➢ Contractor knows how the Agency will accept/pay for the product
  ➢ QC Plans remove some of the daily stress
• Get the product you are paying for
  ➢ Cost effective
  ➢ Low maintenance
  ➢ Smooth
  ➢ Durable
How do we get it?

How do the following people affect quality?

- Designer/Specifier
- Agency Inspector
- QC Technician
- Loader Operator at the concrete plant
- Truck Driver
- Paver Operator
- Concrete Finisher
- Texture/Cure Machine Operator
- Sawing Crew
- Sealing Crew
How do we get it?
How do we get it?
How do we achieve quality for PCC paving?

- Understand what quality is.
- Recognize who cares?
- Know how we get it.