

Why do we care about durability?

- Long Pavement Life
- Reduced Life-Cycle Cost

How can we add durability?

- Use of high-performance mixes
- Reduced cement contents
- Use of supplementals
- Addition of admixtures

Materials Change...

- Type I/II
- Type IL

What failures are out there?

- Mortar lifting
- Popouts
- Scaling

Why?

- High water/cement ratio
- Soft surfaces (unhydrated cement)

What can we do?

- Use of HP mixtures
- Monitor Evaporation Rates
- Ensure ADEQUATE/TIMELY curing
- Consider the use of admixtures

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Thank You

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