






## Slide 7

**Transverse and Linear Cracking**



- **Transverse** cracks run across pavement sections.
- **Linear** cracking run along paving seams.
- These are common due to expansion and contraction of the asphalt.

What can be done about it?

- No need to remove and replace
- Non structural in nature
- Crack fill is your friend

---

---

---

---

---

---

---

---

---

---

## Slide 8

**Structural Deterioration - Alligating**

It's not a fancy industry its called alligating because it looks like the skin of an alligator.



- This is a sign of structural deterioration.
- All asphalt will eventually become alligatored.

What can be done about it?

- May need to be removed and replaced.
- Beware of isolated patches.

---

---

---

---

---

---

---

---

---

---

## Slide 9

**Beware of Isolated Patches**



- Alligating or cracks bleeding into patch.
- Asphalt in between patches failing.

What can be done about it?

- May need to remove and replace a larger area.

**Failing Patches**



---

---

---

---

---

---

---

---

---

---














Slide 28

**Asphalt PM**

- Collect weight tickets to easily check estimated vs. actual tonnage.
  - $(\text{Sq Ft} \times \text{Thickness (inches)}) \times .006 = \text{Tons of Asphalt}$
- Paved Thickness vs. Compacted Thickness:
  - Compaction ratio of Hot Mix Asphalt is 1/4-inch per 1-inch.
  - For example, for each inch of desired asphalt thickness an additional 1/4-inch of asphalt is applied. In this case 2 1/4-inches of HMA is placed and then compacted to its final thickness of 2-inches.
- Rolled to a smooth finish with no roller lines.

**Weight Ticket**



---

---

---

---

---

---

---

---

---

---

Slide 29

**Cure Times**

- Seal Coat cure time: Overnight
- Asphalt cure time: Overnight
- Concrete cure time: 1 week - 3 weeks
  - With high early 3-4 days
- Striping cure time: Few hours
  - Longer in colder temps

---

---

---

---

---

---

---

---

---

---

Slide 30

**Before Payment Checklist**

- Conditional release
- Warranty letters
- Punch list completed

---

---

---

---

---

---

---

---

---

---

