

CAPTG Workshop

Case Studies –

Airfield Pavement Preservation



Define Pavement Performance

- Producing a trouble-free, robust facility
- Getting value for your investment
- Minimizing disruption to airport operations
- No major surprises
- Completing the work safely

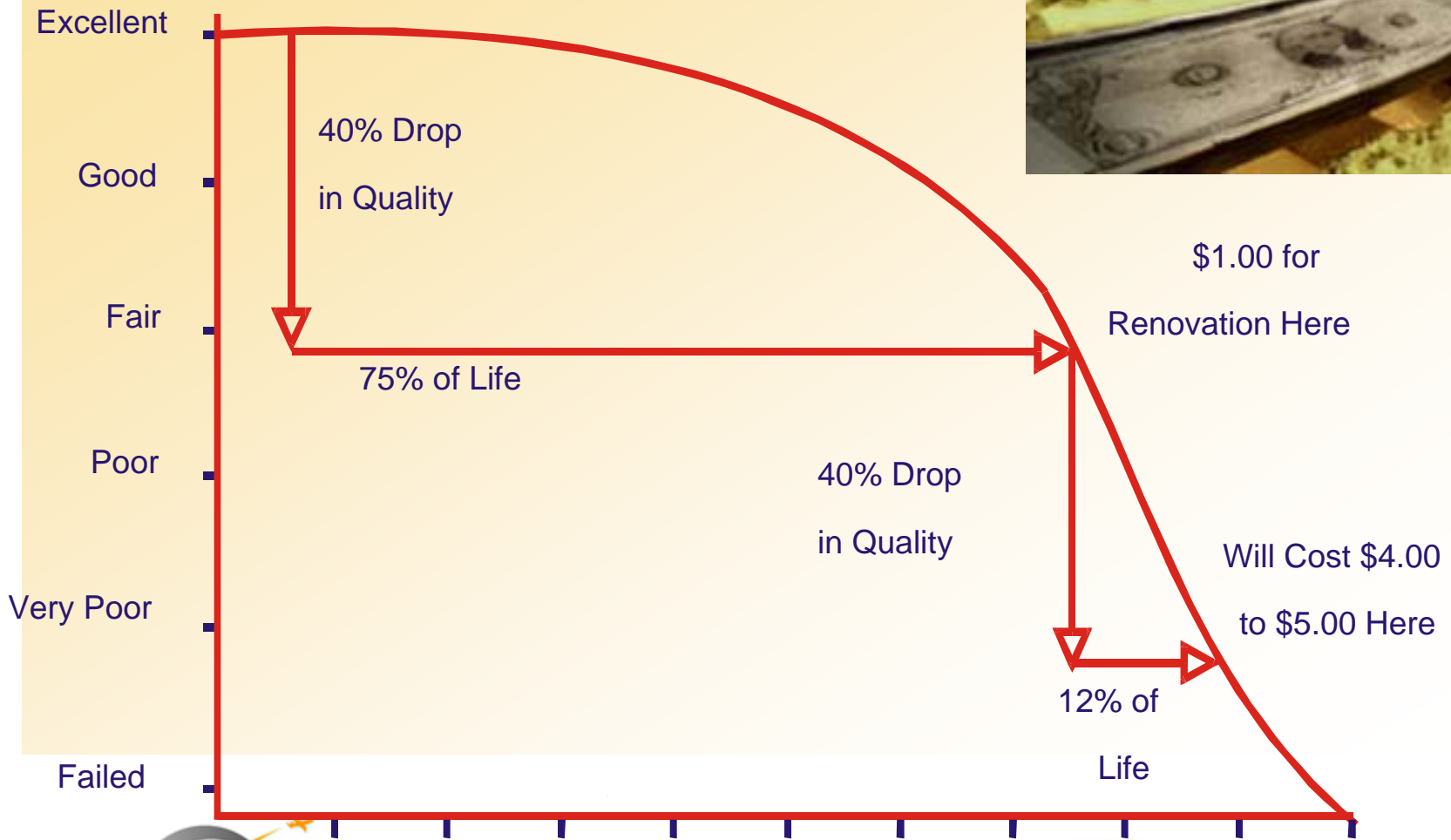


Pavement Restoration Properties and Characteristics

- Resistant to rutting, fatigue, thermal cracking, frost heaves
- Resistance to raveling and weathering
- Small surface cracks are filled, sealed and healed
- Resistant to moisture penetration - permeability OK, no moisture damage
- Resistant to premature age hardening, stiffening, and brittleness
- Quick completion to aircraft traffic
- Acceptable surface friction characteristics
- Overall life cycle cost benefit advantage



Reprinted from APWA Reporter, November 1983

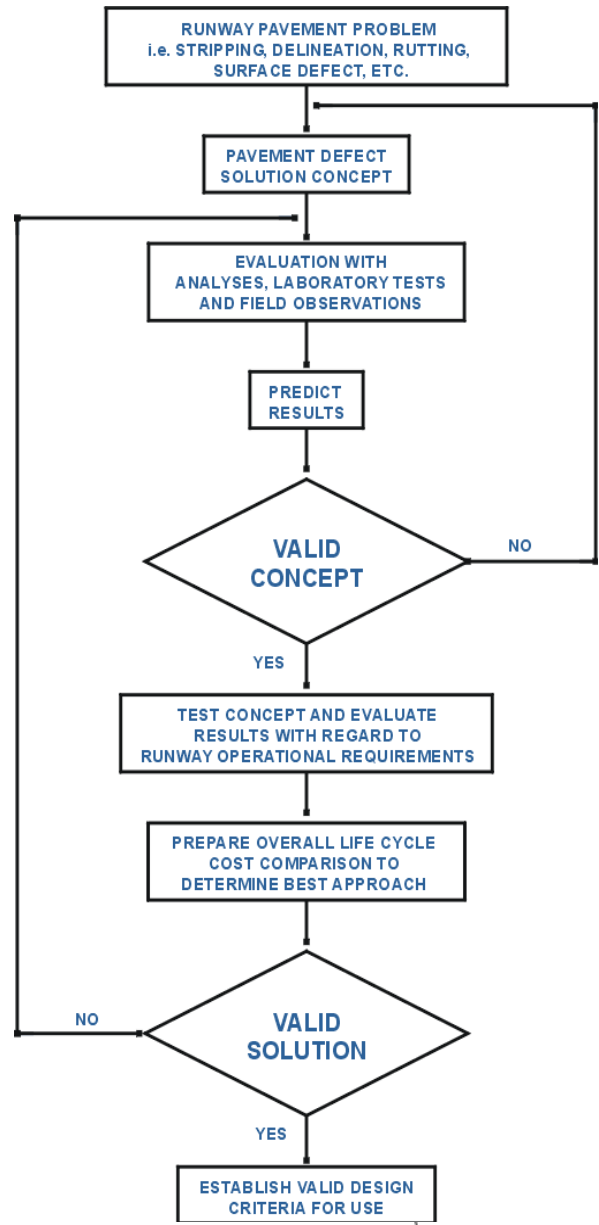


Time



Associated Engineering

GLOBAL PERSPECTIVE.
LOCAL FOCUS.



GLOBAL PERSPECTIVE.
LOCAL FOCUS.



**What Would
You Correct?**

**What
Happened
Here?**





**What Happened
Here?**









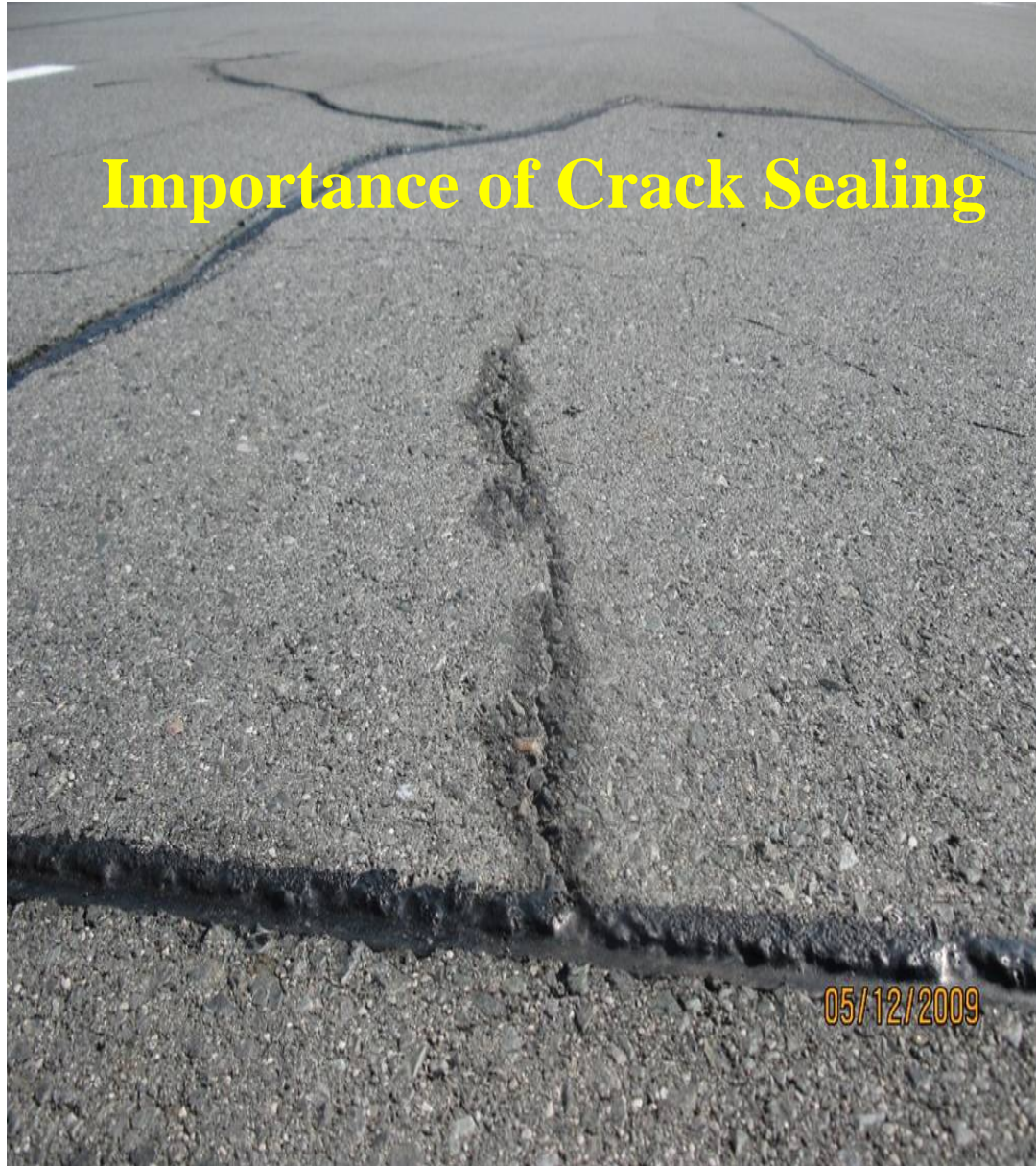




Weeds:

**Expand influence;
'False FOD', especially
during night inspections;
Expensive maintenance;
Block lights.**

Importance of Crack Sealing



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Shoving





Portland Cement Concrete Repairs



Manhole and Catchbasin Details



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