klia2 MAINTENANCE PROGRESS

klia2, as one of Malaysia's newest public infrastructure has garnered much interest especially with regards to its ongoing soil settlement.

As part of our continuous stakeholder engagement, Malaysia Airports would like to inform the public on the type of planned maintenance works being carried out and the progress that we have achieved in addressing the settlement as well as ensuring that klia2 is safe for operations.

Issues & Solutions

In the course of normal settlement, **surface cracks** occur when two uneven layers shift against each other.
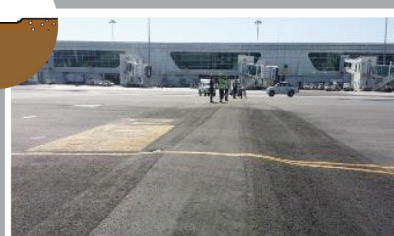
Solution - Filling in the gaps with bituminous base sealant to prevent water seeping into the pavement.
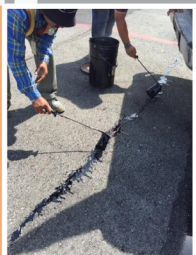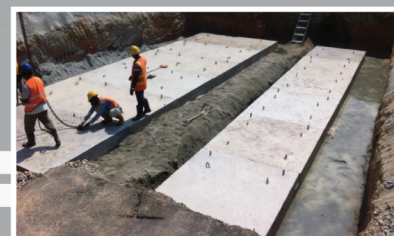
Water Ponding occurs when uneven surfaces allow water to accumulate.

Solution - Overlaying the pavement level to even out the surface.

Differential settlement occurs due to the unequal settlement in adjacent areas.
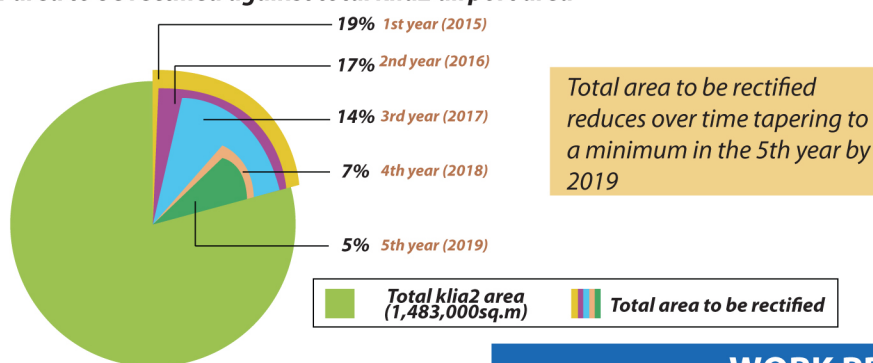
Solution - Installing precast concrete slab to reduce the impact of differential settlement.

OVERVIEW OF MAINTENANCE MASTERPLAN

Malaysia Airports has laid out a 5-year masterplan to address these issues. Our work plan is staggered over 5 years to minimise disruption to airport operations.

PAVEMENT OVERLAY WORKS
% of area to be rectified against total klia2 airport area

- 19% 1st year (2015)
- 17% 2nd year (2016)
- 14% 3rd year (2017)
- 7% 4th year (2018)
- 5% 5th year (2019)

Total area to be rectified reduces over time tapering to a minimum in the 5th year by 2019

Total klia2 area (1,483,000sq.m) | Total area to be rectified

INSTALLATION OF PRECAST CONCRETE SLAB
Total number of locations:

2015 - 47
2016 - 7 } **54** locations

Taxiway 12 locations
2015 - 10 locations
2016 - 2 locations

Parking Apron 42 bays
2015 - 37 bays
2016 - 5 bays

WORK PROGRESS
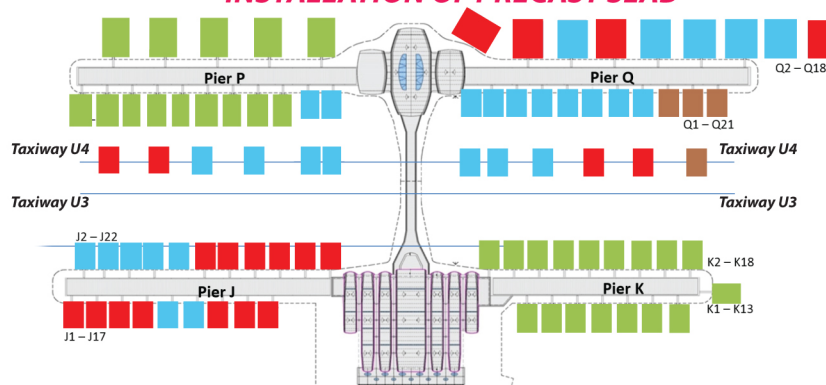### as at 31 August 2015

We are happy to share as at 31 August 2015, our rectification works progress has been successful and is on schedule.

PAVEMENT OVERLAY WORKS

Total area to be rectified (19%)

Total klia2 area (1,483,000sq.m)
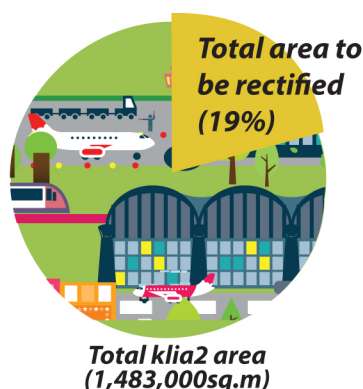
TOTAL AREA COMPLETED (79%)

INSTALLATION OF PRECAST SLAB

Pier P
Pier Q
Q2 – Q18
Q1 – Q21
Taxiway U4
Taxiway U4
Taxiway U3
Taxiway U3
J2 – J22
Pier J
Pier K
K2 – K18
J1 – J17
K1 – K13

- Completed Area
- Planned Area
- Work In Progress
- Unaffected Bay

Completed:
34 locations(63%)
- Bay: 26/37 bays (70%)
- Taxiway: 8/10 locations (80%)

Malaysia Airports takes our responsibility towards public safety very seriously.
Thank you for your patience and understanding.