

BENCHMARK PROJECT MANAGEMENT (UK) LTD CASE STUDY

Title:

Northern Taxiway Alpha (East) Airfield Repairs at RAF Fairford.

General Scope:

Carry out essential maintenance works to improve and prolong the condition of the existing concrete & asphalt, taxiway surface.

Works included:

- Saw cut & remove moribund joint sealant to concrete bays & around ironwork furniture. Prepare and reinstate joints with somic chord and a new high-performance sealant.
- Saw cut, scabble out, prepare and reinstate a large quantity of high-strength two-part epoxide concrete mortar repairs.
- Bitumen over-banding to bifurcated cracks in the asphalt section of the taxiway.
- Plane out recessed joints between the asphalt & concrete surfaces & install new high performance flexible joints.
- Plane out 50mm depth of defective asphalt, clean, prepare and reinstate with machine laid Airfield Grade surface course material.
- Reinstate affected airfield markings with epoxide paint.
- Machine lay a bitumen rejuvenator spray to the adjacent filter drains & bond the single sized aggregate.
- All remedial work undertaken in accordance with MOD Publications & Standards, including Series RA3500, Specification 49 & Defence Works Functional Standards 06.

Duration:

16 Weeks

Client:

VIVO Defence Services

Value:

£365,000.00

Innovation:

- Purchase and employ a 'Siltbuster' to treat wastewater. The unit has been designed to separate the aggregate & concrete paste from the water used in saw cutting, during sealant removal. The Wastewater is collected by a road sweeper is tipped into the silt buster & treated. With a low-level reception hopper easily accessible from 3 different sides. Separating the particles and filtering the water, for re-use in the floor saws for dust suppression.



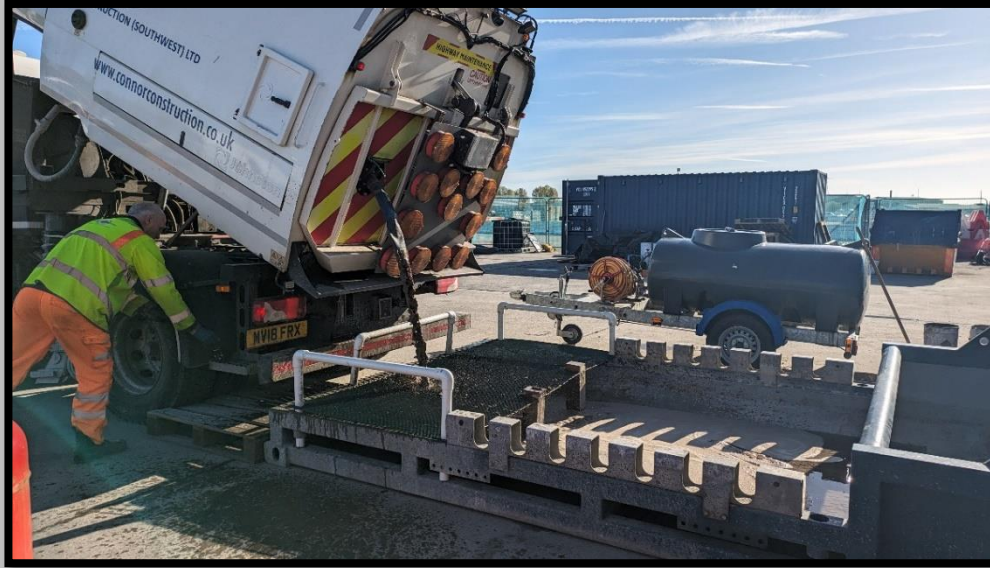
For more information contact:

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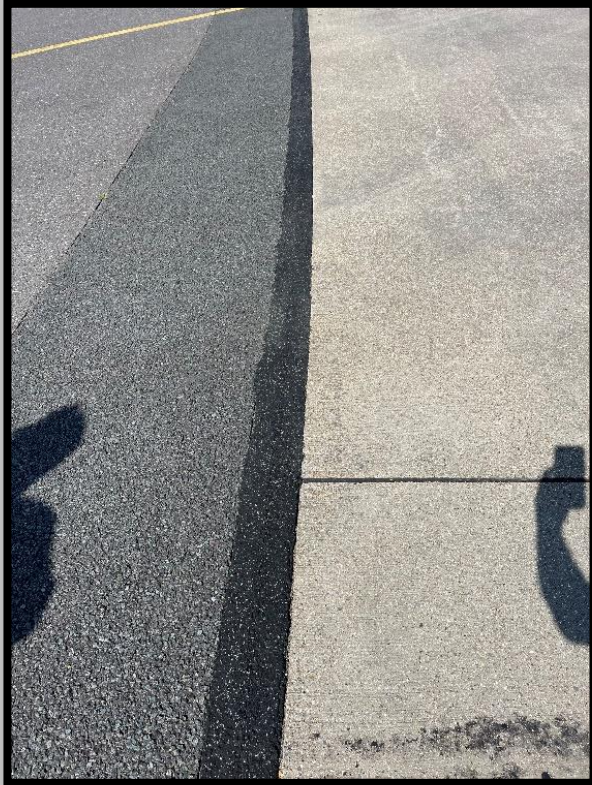
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Customer Comments:

"Everyone is really pleased with how smoothly the project was completed & the quality of workmanship".

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