

BENCHMARK PROJECT MANAGEMENT (UK) LTD CASE STUDY

Title:

RNAS Culdrose Airfield Maintenance & Earthing Works

Airfield:

RNAS Culdrose

General Scope:

Scope of works was to carry out essential Dispersal and Taxiway Maintenance at Charlie site RNAS Culdrose, at the same time the brief was to supply a new Earthing matrix to spots 3,4,5. Other Earthing works repairs were carried out on the existing Earthing Matrix at Echo site, as well as Line markings to Delta, Golf, and whisky sites.

Activities included:

- Remove & replace defective Signage at Charlie taxiway.
- Sweep numerous sites and apply via machine new epoxide paint markings.
- Supply bond coat to existing filter drains to improve safety to the perimeter of the taxiway (to Reduce FOD).
- Remove defective joints with floor saw, clean ,prime, bond break and apply Thioflex 555 Joint sealant
- Lay new Addagrip
- Carry out epoxy repairs to damaged concrete.
- Over banding centre joints on asphalt taxiway.
- Utility Survey prior to excavation
- Excavation of earth mat & Earth inspection chambers.
- Installation of 3 new Earth boxes and connecting copper earth Tape.
- Connection between earth boxes & earth mat.
- Supply test and certification

Innovations:

By applying the Epoxide paint with a self-propelled mobile spraying unit , works could be completed in a faster and more efficient manner.

By using spray applied (two coat) epoxide paint the end product would be less susceptible to erosion as well as removing the need for any hot works permit, as the material was applied cold.

Duration:

Feb 2023-June 2023

Client:

VIVO Defence Services

Value:

£366,000.00

For more information contact:

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New Taxiway signage



New Markings to
taxiway



For more information contact:

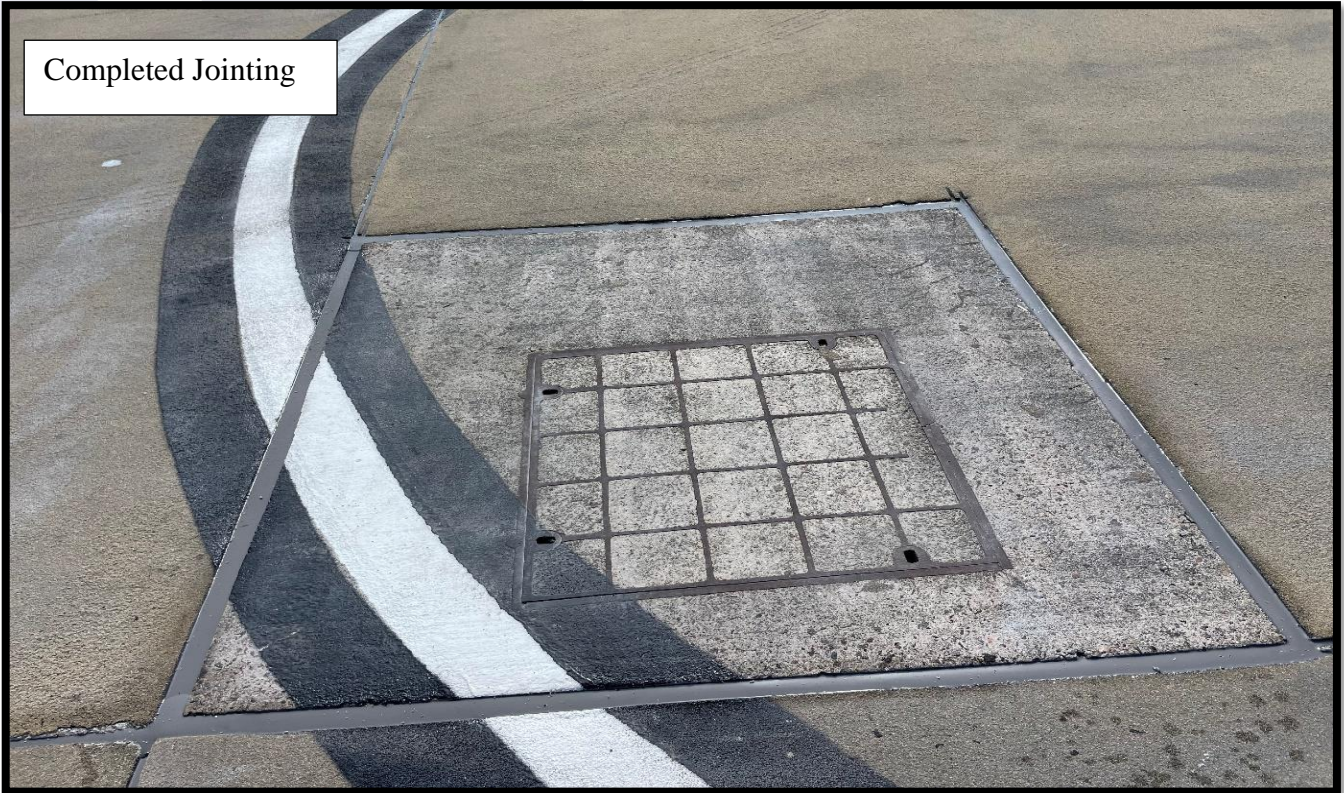
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Completed Jointing



Addagrip 1000



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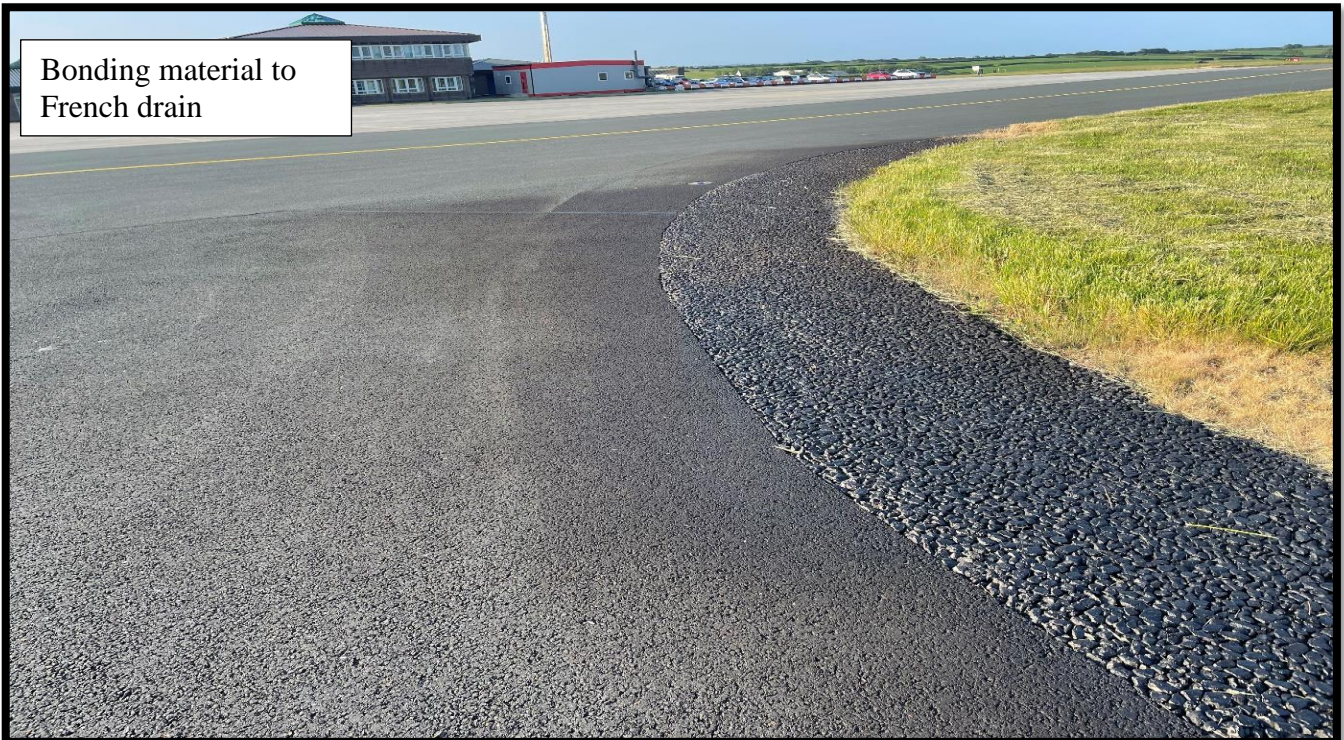
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BENCHMARK PROJECT MANAGEMENT (UK) LTD CASE STUDY

Epoxy repairs



Bonding material to
French drain



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