



PRESSCRETE ENGINEERING PTE LTD

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STRUCTURAL ENGINEERING DIVISION



TriTech

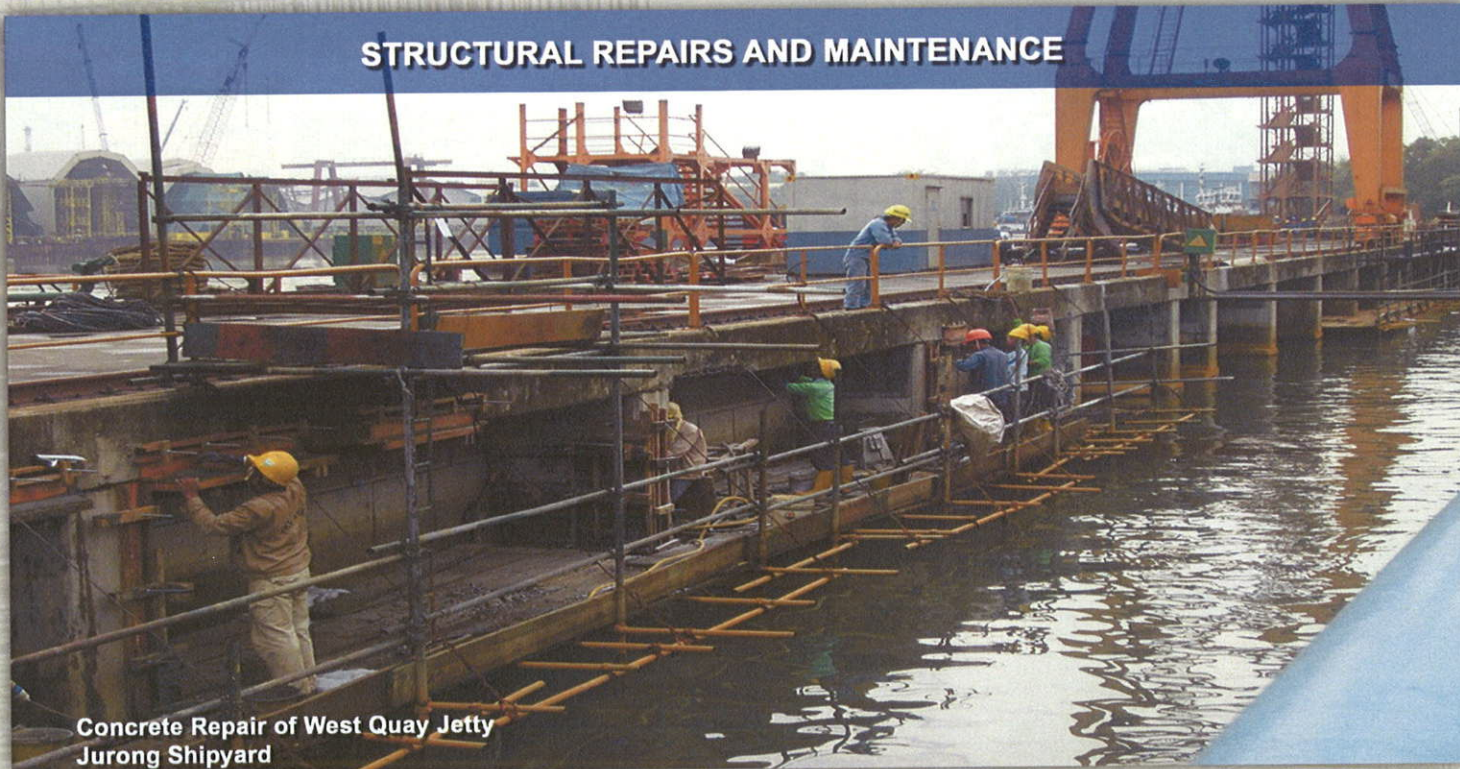
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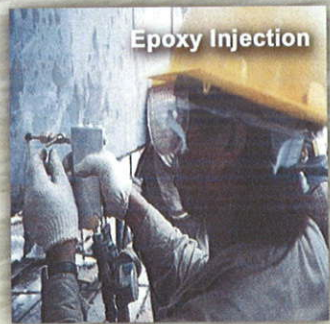
STRUCTURAL ENGINEERING

Structural Engineering is one of the core services of Presscrete Engineering Pte Ltd which relates to Structural Strengthening, Structural Repairs & Maintenance, Bridge Bearings, Post-Tensioning & Coring Works.

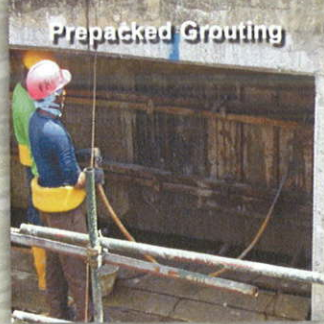
STRUCTURAL REPAIRS AND MAINTENANCE



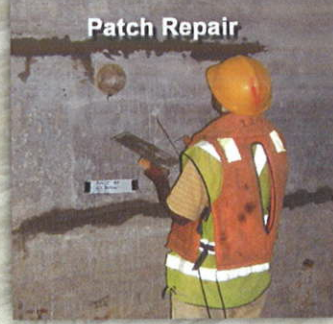
Concrete Repair of West Quay Jetty
Jurong Shipyard



Epoxy Injection



Prepacked Grouting

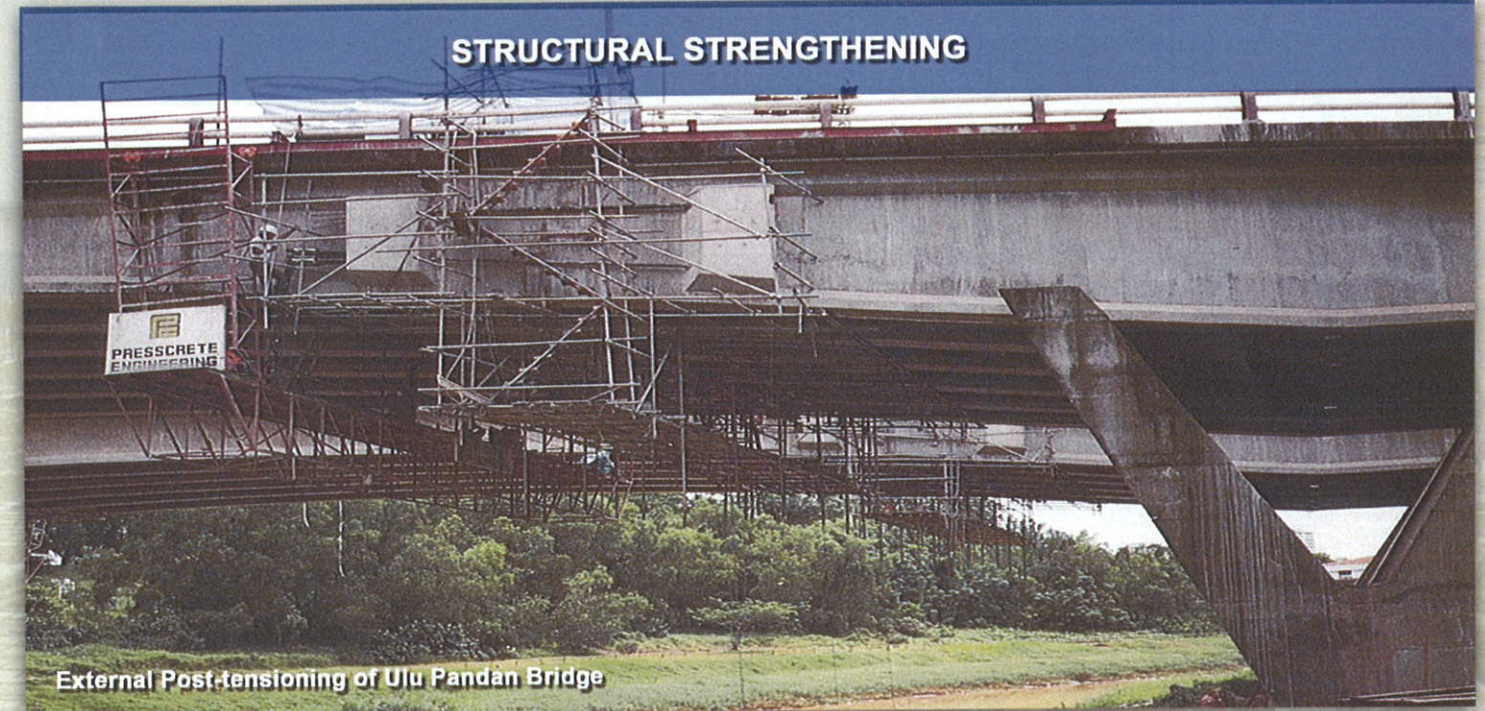


Patch Repair

Our Repair Methods includes:

- Epoxy Injection
- Prepacked Grouting
- Patch Repair
- PU Grouting
- Column Jacketing

STRUCTURAL STRENGTHENING



External Post-tensioning of Ulu Pandan Bridge

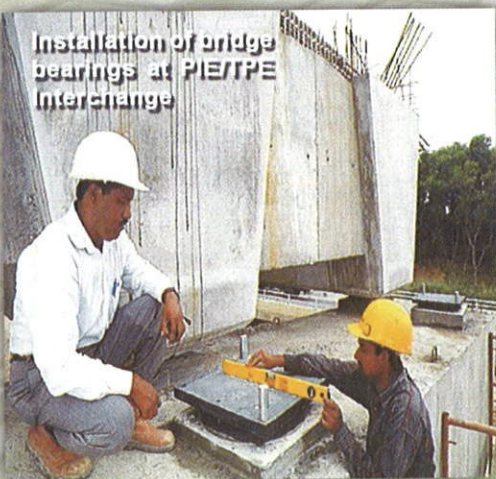
Structural Strengthening Methods includes:

- External Post-tensioning
- Epoxy Plate Bonding
- Shear Stud Installation
- Structure Enlargement

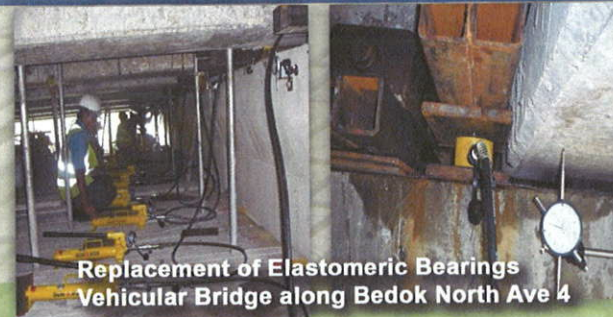


LTA Contract RD222
Upgrading of Vehicular Bridges at 5 Locations
Includes External Post-tensioning

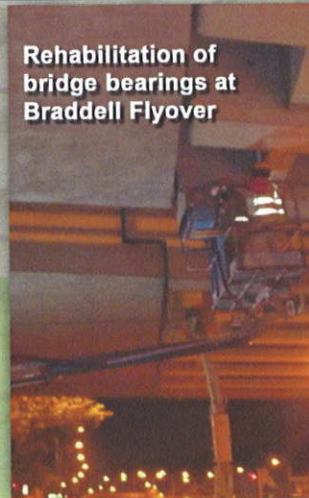
BRIDGE BEARINGS



Installation of bridge bearings at PIETPE Interchange



Replacement of Elastomeric Bearings
Vehicular Bridge along Bedok North Ave 4



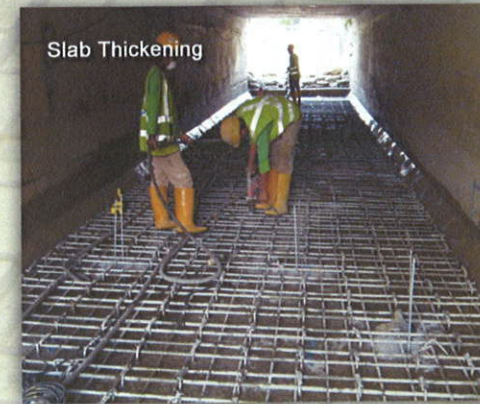
Rehabilitation of bridge bearings at Braddell Flyover



Mechanical Pot Bearing



Elastomeric Bearing



Slab Thickening



External Post-Tensioning



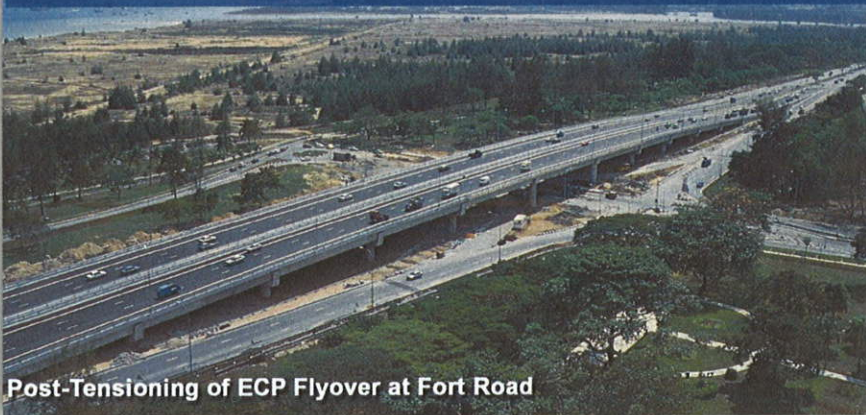
Shear Stud Installation



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POST-TENSIONING



Post-Tensioning of ECP Flyover at Fort Road



Stress Bars Tensioning



Post-Tensioning Using Multi Strand Jacks



Post-Tensioning of Slabs at Pandan Loop

We have successfully applied post-tensioning to bridges, long-span beams and slabs in factories, warehouses, cinemas, churches, suspension bridges, long span roofs, tie-backs, silos and raft foundations.

CORING WORKS



Our expertise includes coring on concrete walls, slabs and beams. Stich coring method can be used in environmentally controlled demolition or to provide openings on walls and slabs.