

of their East Perth plant was a major reason for CSR Readymis"s technical ability and proximity their selection to supply concrete for the new Perth, using the innovative incremental hunch railway bridge built across the Swan River at East

the present 80-year old single track timber samed 'The Goongoongup Bridge' is to replace The newly completed dual-track bridge, to be

metres long and spanning over eight piers. the water at its highest point and comprises 26 individual segments, each approximately 16 The heidge is 405 meters as length, 11 meters to

contractor, Transfield Construction, said that construction of the bridge proceeded at the rate of our signant each week Seamon Doogan, Project Manager for the main

from the nearby CSR. Readymin's plant at East used prestressed, mistorced concrete supplied He said each segment was constructed on site and

in the substructure.

Our week started with the launch of the segment, bottom slab and sides. the first concrete pour, which was the box goder followed immediately with preparatory work for

approximately 70 cubic metres of the SSO GP min. every Tuenday and used This pour took place around midday

> deck pour. Thursday being taken up in preparation for the Wednesday, with the remainder of that day and Stripping of this pour took place early on

\$50 E2. This mix had been specially designed to Mr Doogan stated. stressing and, ultimately, launching operation, 48 hours, which was critical for the timing of pre-Friday and used approximately 60 cubic meres of give a compressive strength in excess of 30MPa in This second pour took place about 10am each

reinforcement corrosion and also the effects of reduce chloride ion attack, reducing the risk of treated with 'silane," a chemical designed to The heidge was cuted using a combination of tuner curing and compounds. The dock was also A DRY-TREAT IDEAS

about 2,000 cubic metres pure automatements and MPa concrete were used in the allian olica (aggregate) reaction. Approximately 4000 cubic meters of 50

> Micropea" concrete, predominantly in the piers and pilecaps, to enhance ducability, The substructure used CSR Readymin'

compressive strengths of up to 80MPs being Results from this mix were impressive, with achieved at 56 days.

Response Number 0

