

BRIDGE MAINTENANCE PROGRAM 2019 - 2020



VALUE	\$1.7M
YEAR	2019-2020
DURATION	5 months
CLIENT	ACT Government
REFEREE	Pankaj Nailwal
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SUMMARY

The project involved the replacement of existing bridge joints and rectification of road pavements at arterial road bridges within the ACT catchment. There were four locations in the core contract, located on; Parkes Way, Tuggeranong Parkway, Mirrabai Drive and Isabella Drive. An additional six locations were added as a variation to the contract on the basis of the time performance and quality of workmanship delivered during the core works. A major component of works were the bridge joint and road pavement resurfacing at Parkes Way east. The works were staged under multiple traffic management arrangements, delivered during off-peak lane closures and night time full road closure. Heavy duty road pavement was placed to depths of 165mm in corrective and wearing coursed to stringent design conformance requirements.

Complex implemented a number of innovative safety initiatives during the project, fitting mobile lasers to plant to signify exclusion zones and providing workers with illuminated LED Hi-vis clothing and hard hats.

Complex completed the core contract works 2 weeks in advance of the proposed completion date, and all works without any major safety, quality or environmental non-conformances.

PROJECT FEATURES

Cold milling and asphalt recycling	Pedestrian and cyclist detours
Heavy duty asphalt	Advance notifications and major stakeholder interfaces
Stringent pavement geometry tolerances	Subcontractor management
Complex construction staging	Bridge joint demolition
Complex traffic management on highly trafficable roadways	Polymer bridge joint nosing
Restricted timeframes for delivery	Night-works innovative safety practices
NCA works and TTM approvals	Air quality monitoring
ACT and RMS specifications	