



CASE STUDY

BP BEDFORD



OUTCO was approached by our client to complete resurfacing works to an existing BP Petrol Station in Bedford.

OVERVIEW

AREA

3,400m²

AREAS

Petrol Forecourt

MATERIALS

Rubber Crumb Asphalt

Line Marking

SERVICES

Surveying

Surfacing

Line Marking

Civil Engineering

Drainage

In line with BP's mission, to become net-zero carbon by 2050, OUTCO proposed a new sustainable approach to their maintenance projects, using innovative materials to support their overall mission, OUTCO proposed using the Utilow warm mix material and the rubber modified asphalt's.

Utilow is a low temperature asphalt, typically around 40 degrees lower in temperature than conventional hot mix equivalents. The stone on stone structure of SMA gives good resistance to rutting, deformation and the addition of recycled crumb rubber into the mix enables a bitumen rich design giving extended pavement life. This asphalt incorporates recycled tyres to provide an environmentally sustainable asphalt with a reduced carbon footprint.

To minimise disruption on this busy petrol station OUTCO proposed phasing the works into smaller areas, using a traffic management plan to ensure clear direction to visitors.

Initial planning included OUTCO liaising with the local authority highways regarding traffic management plans,

pre-works notification warnings on the highways network and stakeholder engagement including co-ordinating the works to ensure access for the Holiday Inn Hotel also situated on site.

The site covered circa 3,400m² with the works programmed, planned and completed in a 4 week period.

OUTCO utilised both our Civils and Drainage division to complete additional works. OUTCO Drainage completed a foul and storm water drainage CCTV survey and condition report to identify underlying issues within the drainage apparatus and carried out localised repairs to any issued identified.

OUTCO civils teams completed concrete repair works, F900 drainage channel installation, kerb replacement, gullies adjustments and raising man hole covers.

The project was completed with line markings and handed back to a happy client with compliments from the Holiday Inn Hotel Manager for our works and communications, minimising disruption to their clientele.