



ROADBRIDGE

CIVIL ENGINEERING & BUILDING CONTRACTORS

N18 Bunratty Pavement Rehabilitation Scheme



Project Title:

N18 Bunratty Pavement Rehabilitation Scheme

Contract Type:

Public Works Contract for Minor Works

Client:

National Roads Authority (NRA)

Company Involvement:

The N18 Bunratty Pavement Rehabilitation Scheme was awarded to Colas Roadbridge JV as a works package as part of the Motorway Maintenance and Renewals Network B Framework Contract (MMaRC).

Colas Roadbridge (CR JV) undertook the position of Main Contractor and PSDP and PSCS for the construction works. The site works were carried out by Roadbridge.

Start / End Dates:

Sept 2013 - Dec 2013

Contract Value:

€3.7 Million

Project Description:

This contract comprised the following:

- Contra-flow, traffic management and recovery service to National Primary Route N18 (32,500 AADT)
- Reconstruction and overlay of existing 1.6km dual carriageway using lightweight fill material
- 10,600 tonnes of bituminous pavement material (including 2,600 tonnes of SMA)
- 29,023m² of milling carried out
- 2,400m³ of capping material and 1,318m³ of Cl.804
- 7,500m³ of LECA Lightweight fill aggregate
- 2km of filter drainage (225-375mm dia.)
- 850m of four-way communications ducting
- 7.5km of Linemarking and installation of road studs
- 2.5km of road restraint system, including wire rope
- Emergency structural repair and waterproofing to existing underpass structure
- Project was located adjacent to the heritage village of Bunratty and Bunratty castle environs (400,000 visitors per year) and within a proposed Natural Heritage Area and a Special Area of Conservation