

Features of the proposed highway scheme (ii)

Drainage

The existing highway drainage network on Paston Parkway was designed with the dual carriageway in mind but will be assessed against current design standards to determine its suitability. Depending on the outcome of this assessment some sections of the existing drainage may be upgraded to accommodate the increased surface area of the additional carriageway. English Heritage and the Environment Agency are being consulted on the effect of the additional runoff from the scheme, and suitable mitigation measures will be agreed and implemented as part of the scheme. New drainage ditches are located outside the boundary of the Scheduled Monument. Ditches within the boundary of the Scheduled Monument will not be altered.

Street lighting

The existing lighting is positioned within the area due to become the central reserve after dualling, however, the lighting now fails to meet current standards and will be updated as part of the scheme. Lighting columns of a similar height and location will be provided. Lighting will be designed to provide minimum spill thus reducing light pollution to the surrounding area.

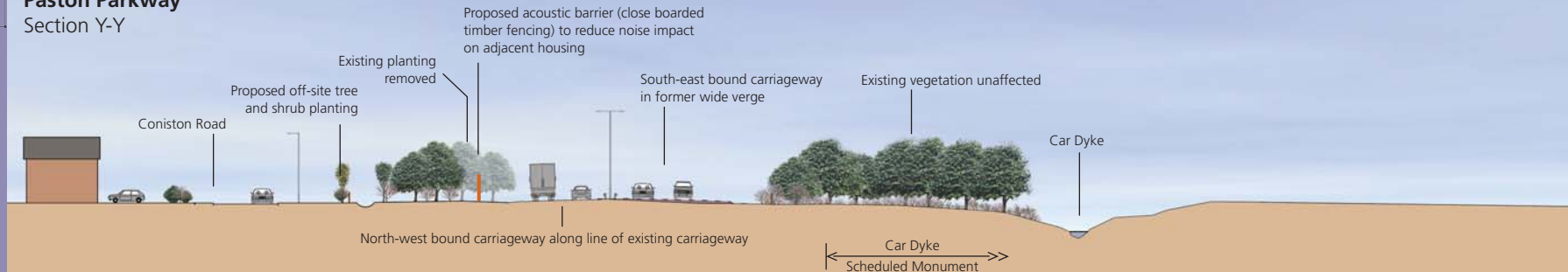


Cross-sectional representations of carriageway

Paston Parkway Section X-X



Paston Parkway Section Y-Y



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Environmental features



CAR DYKE
Looking south-east from Fen Bridge



WERRINGTON BROOK
Close to its confluence with Car Dyke

FEN BRIDGE
Grade II listed structure built to cross Car Dyke in the 18th century

CAR DYKE
The scrub and woodland provides good habitat for wildlife. Bats have been recorded foraging along the banks to the water course and bird activity has been observed.

Have environmental issues been considered?

A detailed Environmental Impact Assessment (EIA) is being prepared to accompany a planning application. It will identify the environmental features potentially affected by the scheme and the impacts that the scheme might have upon them. The development of the scheme has involved close work between the designers and environmental specialists in order to minimise impacts during the construction of the scheme in consultation with Peterborough City Council and other consultees.



PASTON PARKWAY
View north-west from junction 21, showing the wide verge in which the proposed carriageway would be located

BROADLEAVED SEMI-NATURAL WOODLAND

New drainage ditches are located outside the boundary of the Scheduled Monument. Ditches within the boundary of the Scheduled Monument will not be altered.

GUNTHORPE ROAD

CONISTON ROAD

MANOR DRIVE

KEY

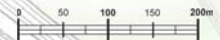
-  SM boundary
-  Wildlife habitat
-  Water course
-  Permissive path
-  Public Right of Way

BROADLEAVED PLANTATION WOODLAND

ANGLO-SAXON CEMETERY

SCHEDULED MONUMENT

Car Dyke is one of the largest and most well known Romano-British canals. It is understood to have formed part of the drainage of the fens.



Landscape & planting proposals



New planting

As shown on this plan, new planting will be concentrated in areas most affected by the removal of existing trees and shrubs, including municipal land beyond the highway boundary. The total area of compensatory planting will exceed the area of the trees and shrubs to be removed. Planting will consist of locally indigenous species, complementing the local character of the surrounding countryside.

How will existing planting be affected?

The majority of the existing parkway shelterbelt planting will not be affected by the scheme. However, trees and shrubs will need to be removed on the road side of the noise barrier, and in a narrow clearance strip to the rear of the barrier to allow access for future maintenance.