



Design & Engineering - **Case study**

# Northern Highways Depot, Sandy, Bedfordshire

*Creating Better Spaces*



**Marshall's**

# Client: Bedford County Council / Morgan Sindall

## Sector: Local authority

### Challenge

At around 7000m<sup>2</sup> this hard standing area for mixed vehicle types needed to be robust in its structural nature but also be delivered to programme and cost constraints which made contractor tendering a challenge.

### Solution

- Working with a strategic contractor partner a full evaluation of the project was undertaken to identify if an alternative design solution could deliver savings in build programme and costs
- The design would also consider a sustainable drainage solution based on the use of permeable concrete block paving
- All design work would be fully supported with indemnified design warranties

### Outcome

- Removal of a 125mm thick DBM layer from the original design specification
- Reduction in structural build up, programme length, construction traffic and carbon impact
- Support of a successful tender bid delivering lower upfront costs and overall project savings

*“Working with Marshalls gave us more than just a significant cost saving. Collaborating with their Design Team ensured that we got the best solution delivered in the shortest time frame. Without this input we would not have been successful in securing this project.”*

Morgan Sindall Project Manager



#### Cost saving

£125,00 reduction in build costs



#### Carbon saving

52% reduction in structural build up



#### Time saving

50% reduction in build programme



## Get in touch

For information on how to involve Marshalls Design Team in your next project contact your local Marshalls Sales Representative or call Marshalls on **0333 331 4799**.

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