

# Lafarge - Whitwell

*Wright Engineering complete a  
Project at  
Lafarge - Whitwell*

*Wright Engineering of  
Worksop, Nr Sheffield have  
recently completed a project for  
Lafarge Aggregates, the major  
supplier in the UK of  
innovative asphalts, concretes,  
rock, sand and gravel, as well as  
road surfacing solutions and  
waste management services.*

*The project at their Whitwell  
Quarry, Nottinghamshire site  
involved the design and  
installation of all the civil  
works including the installation  
of two new Rotex vibratory  
feeders and several major  
improvements to the existing  
conveyor system.*

*The specification involved the  
installation of the two vibratory  
feeders under the screen under  
pan outlets feeding a conveyor  
transferring material onto a  
steep inclined conveyor. A two-  
way chute facility then allowed  
material to be diverted into  
dump trucks if the crushing  
plant required maintenance.*



*Although the constraints of the site had dictated the original specification Wright Engineering was faced with the contentious issue of chevron belts conveying at various angles with all the potential performance and maintenance questions that arise.*

*Having been successfully awarded the contract, Wright Engineering were asked to improve the plant layout to eliminate the use of any chevron belts.*

*This was achieved by a complete redesign of the plant layout involving utilising the site space to its maximum.*

*The new redesigned plant now provides the original feed from the screen onto the conveyor which transfers onto a secondary feed conveyor which is now an inclined catenary troughed belt feeding the crusher. This belt incorporates a plough on the horizontal section which allows the product to be diverted into dump*

*The Maglime Bunker has been completely refurbished and lined. The Maglime store has been redesigned by Wright Engineering enabling it to feed either the existing Maglime circuit or a new concrete sand product conveyor with an actuated clamshell door.*

*Wright Engineering was responsible for all the design and installation of all the civil works.*

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*Lafarge Site Manager, Shane Tompkin, commented, "The new plant has been installed by Wrights to a very high standard. They managed to work around our busy production schedule and delivered the project on time. Wrights staff fitted in well with our maintenance team and worked safely and effectively."*

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