



# NORTHERN TYRE

Northern Tyre Recycling (UK) Limited

If its safe enough to drive on - Its safe enough to drive over

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## Golf Course Remedial Work

Burntisland golf course 'hit' on **URRO BLOCKS** to solve an embankment erosion problem on one of their elevated tees. The effect of surface water erosion on a steeply banked tiered tee is reducing the size of the tiers each year. NTR visited the



course and have devised a plan of action to solve this problem, either by stabilising the existing three tier tee or by reforming the slopes to

form two larger tees, using blocks on the front face of the slopes in both cases.

The larger area will allow a wider variety of tee placement and easier maintenance of the tee



(and finally remove the rabbits!).

The green keepers at Turnberry and Royal Troon golf courses are also interested in using **URRO BLOCKS** for remedial work they may undertake in the near future. They may use the blocks to stabilise embankments that have erosion problems. Northern Tyre would provide design details, project management and also teach the green keepers how to install the blocks. As the installation process is easy the green staff will be able to complete future projects themselves.

## Pipeline Protection

At Fearn on the east coast of northern Scotland a quantity of blocks were placed to protect a shoreline pipe going out to sea. The original concrete surround had eroded badly and had begun to cause problems to the pipe system. The company who completed the project had looked at various solutions to eliminate the erosion problem, the **URRO BLOCKS** gave them drainage, shock absorption and also substantial cost savings.

## Another Project for Forest Enterprise

Forest enterprise is in the process of forming a new road construction project into a forest section in Glenurquhart. The area that has to be constructed goes across a peat bog and the use of the **URRO BLOCKS** allows the road to be floated on top of the original peat with the minimum of aggregate cover. The idea of placing the blocks on top works, as they may have to remove the road after the work is completed. This type of operation is not only fast and efficient but also cost effective when compared with normal aggregate based construction methods.

## TRL Laboratories in Edinburgh

The Transport Research laboratories in Edinburgh are carrying out a research and development project into the use of tyre blocks in construction. The project is now entering its eighth month and has already gained valuable information from America on the use of the



blocks for sub base and embankment stabilization projects completed some 3 to 4 years ago. Dr Mike Winters from TRL travelled to the states and saw at first hand the roads and the bank projects they have been made possible by the support and help of Onyx International and the Inverness and Nairn Enterprise. This is only the half way stage in the project but the information already in hand shows that recycling tyre blocks have a very important role to play as an aggregate substitute.

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