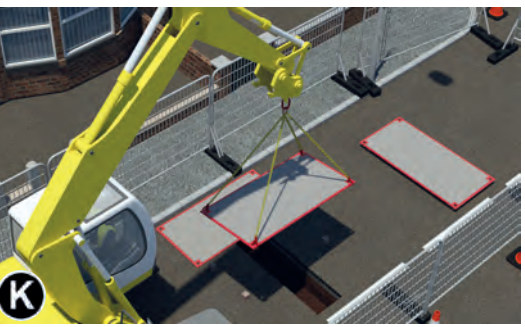


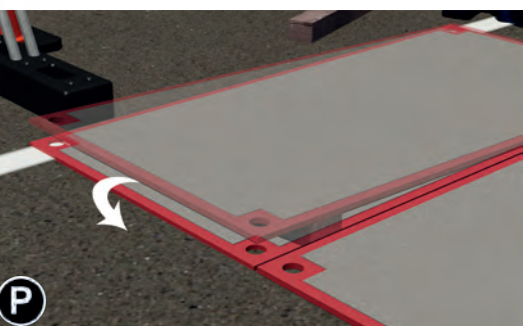
A MGF provide steel road plates with four handling points in either plain steel or with anti-skid surfacing, available in 2.4m x 1.2m and 1.2m x 1.2m panels. Road plates are designed to cover trenches in carriageways.



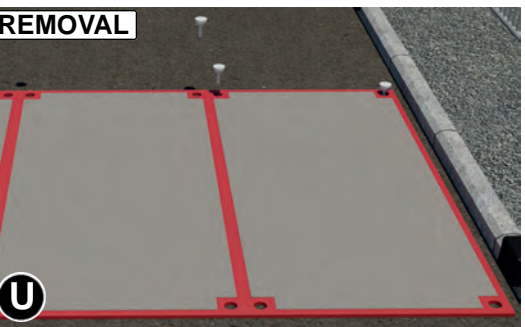
F Ideally timber chocks should be placed in between road plates when offloading from the vehicle to the ground.



K Once each chain hook is connected to the 4-corner lifting points the road plate can be carefully moved to where it is to be installed.



P Ensure this is done safely. The plate can then be carefully lowered, and this action can be repeated on the other side of the road plate.



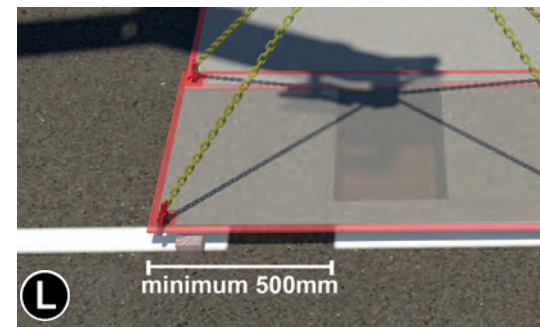
U To remove the panels firstly remove all ground anchors.



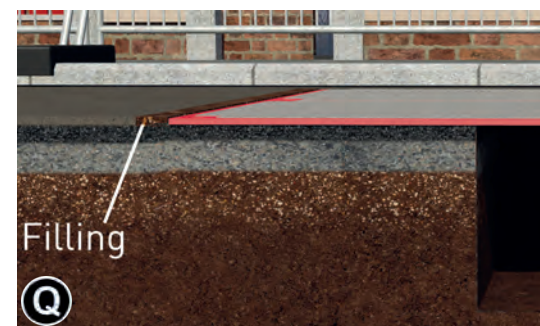
B Steel road plates are extremely heavy, a lifting plan must be in place prior to commencing works. It is the customers' responsibility to ensure that no one carrying out the works puts themselves in danger throughout the process.



G If chocks are not available, then the plates must be individually prised apart to gain access to the lifting eyes.



L Place road plate on timber chocks. Ensure the plates are supported by at least 500mm of earth and sufficient bedding material on each side.



Q If the plates are recessed, then ensure that any gaps between the road plate and the ground are suitably backfilled.



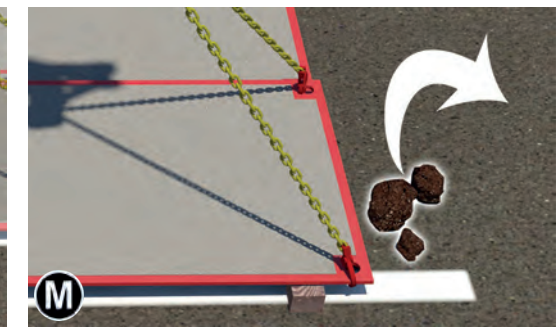
V Using a jimmy bar prise one end of the road plate up and insert a timber chock underneath, repeat this with the other side. (SEE I)



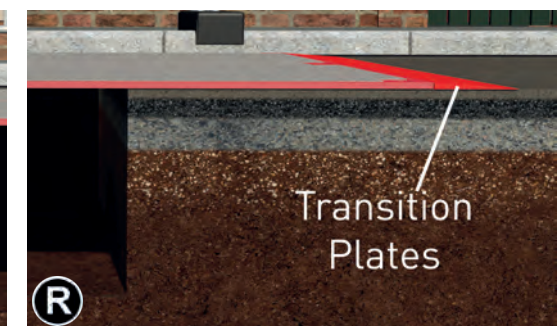
C At no point should the road plate be transported using the bucket and blade of the excavator.



H A jimmy bar should be inserted under the top plate to prise the plate up, a timber chock should then be carefully inserted so a lifting chain can be attached to the lifting point.



M Ensure trip hazards have been removed.



R If the plates are raised, then the customer is to ensure a suitable means of transition is implemented if required.



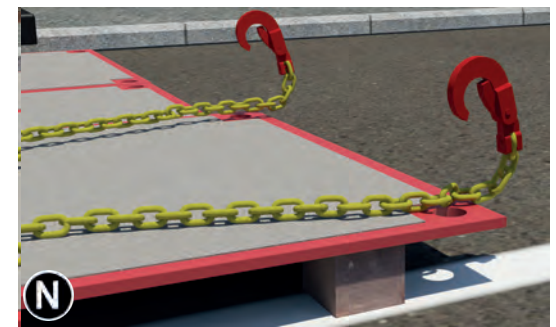
W Once both lifting points are accessible attach a 4 leg chain and lift the road plate and place on timber chock, either in a suitable storage area or directly onto a vehicle bed.



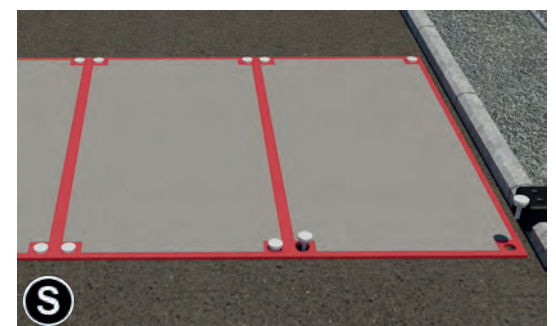
D Prior to commencing any work it is recommended to read "Traffic Advisory Leaflet 6/14: Using Road Plates at Road Works" Published by the Department for Transport.



I Great care should be taken during this operation to ensure that hands or fingers do not get trapped between the plates.



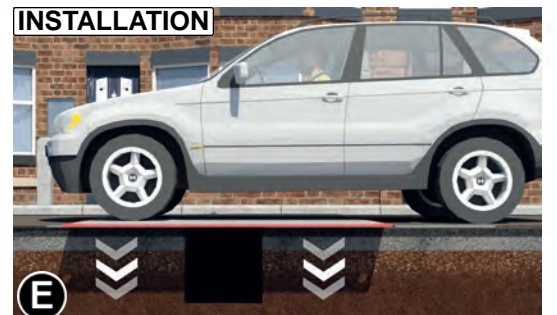
N The lifting chains can now be removed from one sides lifting points.



S The customer is to ensure that the plates are suitably anchored down to suit underlying ground type. Each time a panel is replaced it may be necessary to replace the bedding material.



Handling Point Detail



E The location must be assessed for suitability prior to installation.

If road plates are used to bridge over a shored trench, the additional loads induced by the traffic must be taken into account in the shoring design.



J It is recommended that 2 people perform this operation.



O A jimmy bar should now be inserted between the plate and the ground to take the weight of the plate while the timber chock is removed.



T Ensure that traffic only passes over the plates in one direction at any given time and be sure that only a single vehicle has contact with any plate at once.

See MGF [YouTube](https://www.youtube.com/user/MGFLtd) channel for installation guidance: <https://www.youtube.com/user/MGFLtd>

UNCONTROLLED WHEN PRINTED go to www.mgf.ltd.uk for latest version

GENERAL

Current health and safety legislation requires that construction equipment users formulate a site specific Safe System of Work (SSoW) to undertake the works they are proposing. This document is intended to provide sufficient product specific guidance on handling, installing, maintaining and removing MGF equipment to allow the SSoW to be compiled. It should always be read in conjunction with the product specific technical files and the site specific design information (including any residual risks to be managed on site) provided by MGF or others.

Users of this equipment should be both familiar with and competent in its use. MGF can provide toolbox talks and training material / advice on request.

MGF excavation systems can be supplied with a full range of site safety products and ancillaries. These products are designed to comply with current best practice and meet the requirements of the Lifting Operations & Lifting Equipment Regulations, Work at Height Regulations and the Confined Spaces Regulations.

For MGF contact details or further information visit: www.mgf.ltd.uk

SAFETY TIPS

1. Ensure that equipment is stored on flat level ground.
2. Don't stack too high making equipment stacks unstable.
3. Avoid stacking / storing equipment close to pedestrian foot paths.
4. Ensure that all lifting equipment and accessories have a certificate of thorough examination and are inspected prior to use.

Size	Weight (kg)
2.4m x 1.2m x 18mm	365
1.2m x 1.2m x 18mm	183

IF IN DOUBT ASK!

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Guidance for Safe Systems of Work: Handling and Installation of Road Plates

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