SAFER.
FASTER.
The alternative to steel road plates.

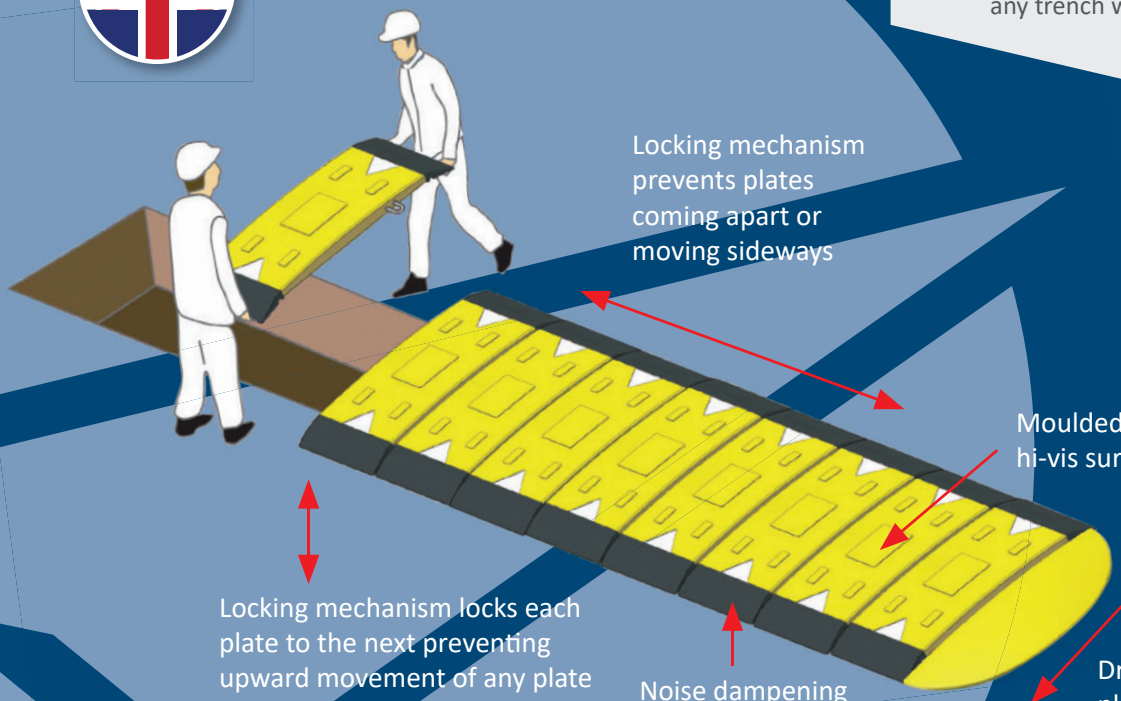
Fibreglass Modular Road Plates are the perfect answer to heavy, dangerous steel plates. Save time everyday when covering your trenches, making your sites safer, more efficient, and less of a disruption to the roading network.

MODULAR ROAD PLATE

- Modular Composite Road Plate System
- Tested to a vehicle weight of 44 tonnes over a 1200mm trench
- Safer installation - no machinery or swinging plates involved
- 2 person lift - no lifting equipment required. Save time and associated costs such as traffic management
- No hot-mix required to ramp edges
- 500mm wide modules interlock together, allowing you to cover any trench width.

ACCEPTED BY NZTA
NZ TRANSPORT AGENCY

MADE IN UK



"We have been using the Road Plates, we had our guys try them and they were pretty successful, they actually asked for some more, they were that keen on them. We lay gas for the APA company; inlets, mains extensions, all types of gas work. The main benefit of the Road Plate is that it saves time: time with backfilling, digging up, it saves time everymorning. They have been a real winner for us."

- Steve Minear, Seychell

WATCH VIDEO
vanguardgroup.co.nz/road-plate

VANGUARD 0800 500 147 | www.vanguardgroup.co.nz | info@vanguardgroup.co.nz

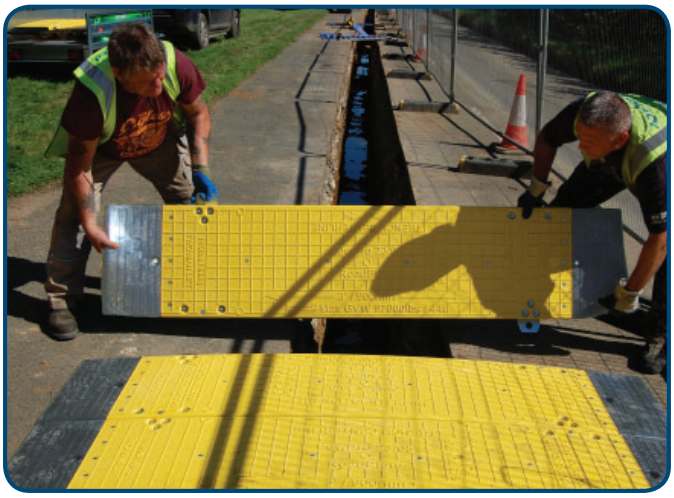
100% NEW ZEALAND OWNED AND OPERATED

LOWPRO 23/05 ROAD PLATE

Heavy duty modular trench cover for roads and sidewalks.

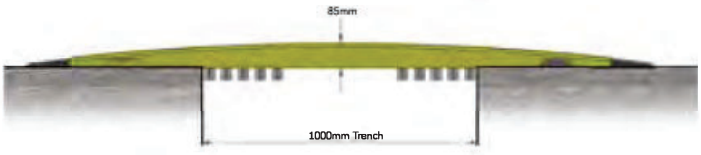
The Lowpro 23/05 Road Plate is a modular system of composite sections that link together.

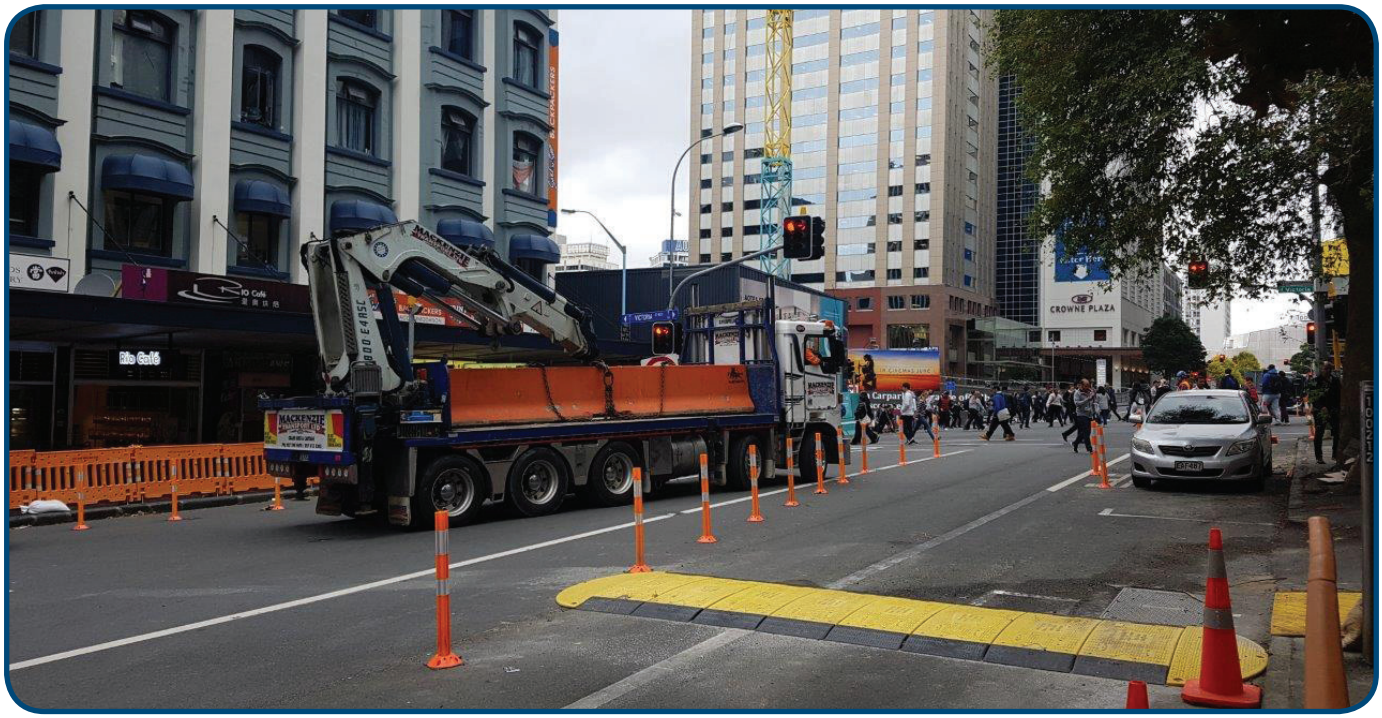
The Lowpro 23/05 Road Plate is the ideal substitute to the steel plate, giving you more safety & versatility. There's no need for heavy lift equipment so the install/removal is much faster than steel plates, giving you more operational time everyday and eliminating costly overheads for each project.



Benefits

- Modular Road Plate System is a safer & cost effective alternative to steel plates.
- Innovative & patented Flexi-Edge greatly reduces noise pollution and eliminates cold patch ramping around edges.
- Inbuilt steel linking pins interlock plates together.
- Suitable for 44 tonne vehicle over 1200mm trench.
- Each section weighs 65kg & can be installed in minutes with a 2 person lift.
- Molded anti-slip surface provides safer pedestrian access.
- Underside steel drop pins increase lateral stability.





Auckland CBD

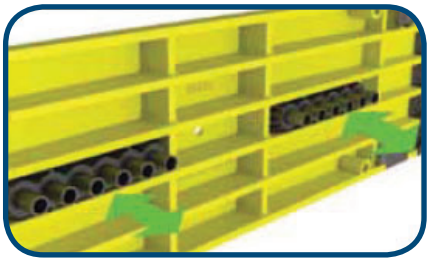

KING WILLIAM ST
ALTUS

LOWPRO 23/05 ROAD PLATE / PEDESTRIAN TRENCH COVER
PRE-INSTALLATION SAFETY GUIDELINES & MAINTENANCE

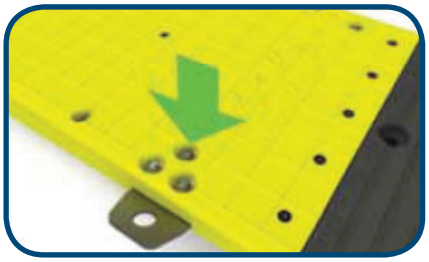
Please note: Trench stability must be assessed prior to the Road Plate being installed to ensure that the ground conditions don't require shoring.

- Each LowPro 23/05 Road Plate section weighs approx. 65kg and should be lifted by 2 people.
- Confirm all parts & components are securely attached and in working order.

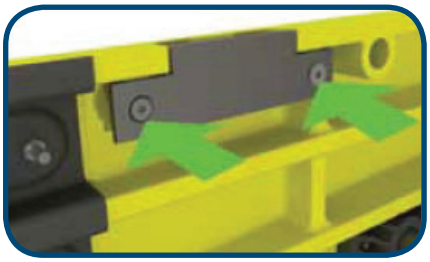
1. Check top surface of Road Plate for signs of damage.



2. Ensure all drop pins are moving freely.



3. Check linking plate bolts are tight on top.



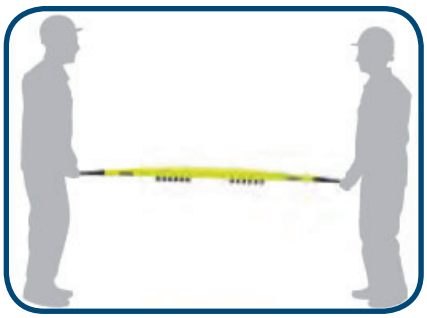
4. Check linking plate bolts are tight underneath.

INSTALLATION KIT

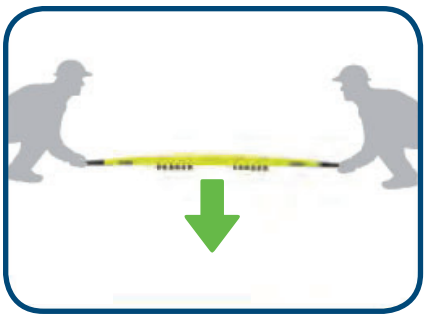
- SDS hammer drill
- SDS 22mm drill bit
- Torque wrench
- 4 x M16 bolts (per LowPro section)

INSTALLATION INSTRUCTIONS

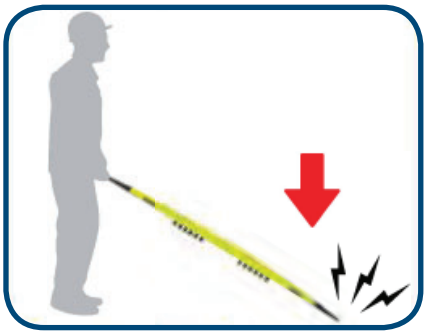
1. Ensure max trench width less than 1200mm for 44t load, and less than 1200mm for pedestrian load.



2. 2 person lift at all times.



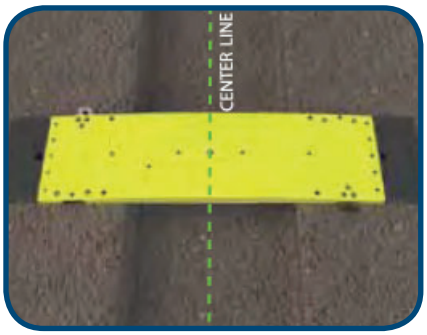
3. Lower into position.



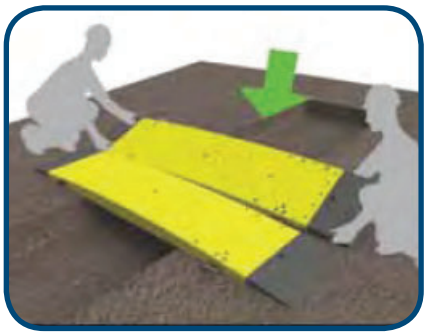
4. Do not throw or drop on to edge.

5. Do not lift using male connector.

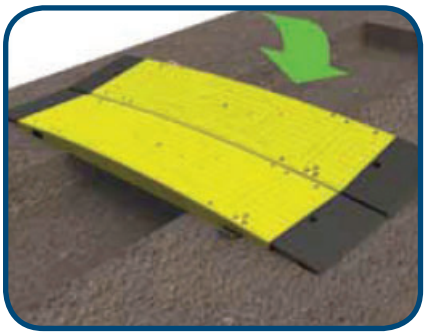
6. Sweep the area around the trench to remove debris.



7. Place first inner Road Plate section centrally over the trench, using center line mark as a guide.



8. Lower next plate at an angle so the connectors fit into the slots.



9. When the connectors are in the slots carefully lower the plate.

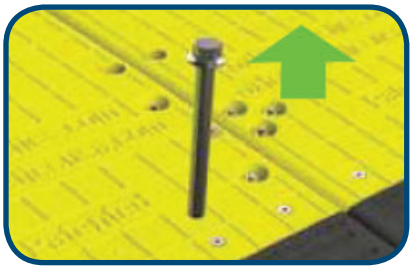
10. Repeat previous step until entire trench is covered by inner Road Plate sections.

11. Use M16 bolts to secure the Road Plate to the road.

12. If required, connect the Road Plate sections, repeating step 8.

13. End section is not load bearing. Do not place end section over trench.

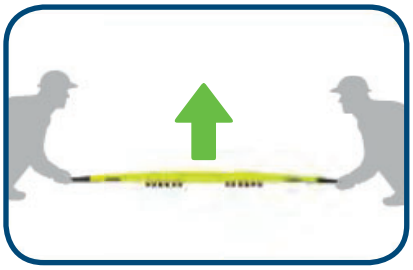
DISMANTLING INSTRUCTIONS



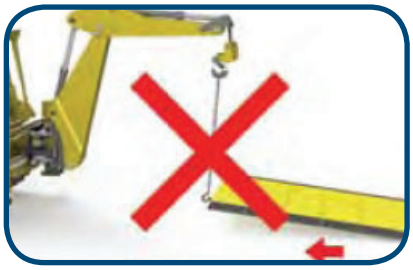
1. Remove bolts that were used to anchor the Road Plates to the road.

2. Starting from the end sections, carefully lift the plate at an angle and slide outwards to remove plate.

3. Repeat step 2 to remove each section at a time.



4. Lift by hand.

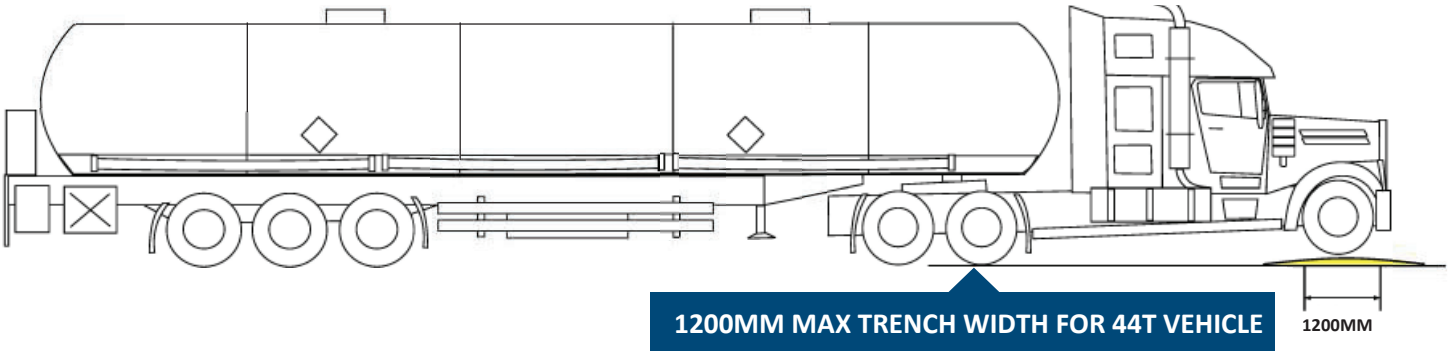


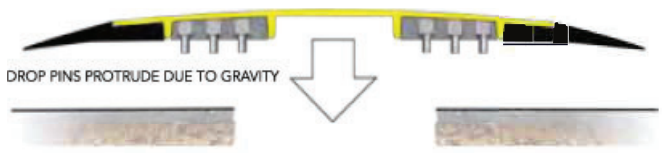
5. Do not use the male connector as a dragging point.

6. Do not use tools to aid lifting.

7. Clean after use.

8. Store on a pallet.





INTEGRAL DROP PINS INCREASE PRODUCT STABILITY. ALWAYS CHECK THE DROP PINS ARE IN GOOD WORKING ORDER.

VANGUARD™

Standing between you and harm

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