



## LOWPRO 23/05 ROAD PLATE INSTALLATION

**START**

**TRAFFIC**

## LOWPRO 23/05 ROAD PLATE – PEDESTRIAN TRENCH COVER

The SMC (sheet moulded compound), GRP (glass-reinforced plastic) vehicle road plate trench cover is a lightweight and long lasting alternative to steel plates.

The 23/05 Road Plate is a heavy duty modular system comprised of individual units linked together.

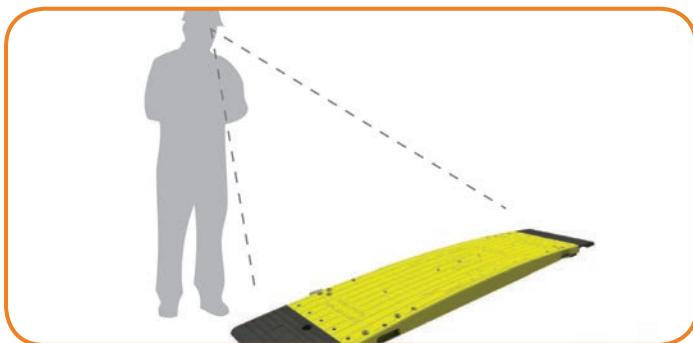
Oxford's Road Plate is a flexible and secure alternative to steel plates. There is no need for expensive lifting equipment as the Road Plate only weighs 143 lbs and can be installed in minutes with a 2 person lift.

The anti-slip surface provides secure pedestrian access and is ideal for use in residential areas. The integral Flexi-edge of the Road Plate is designed to help with noise pollution by minimizing road noise, as it dampens any unwanted sounds.

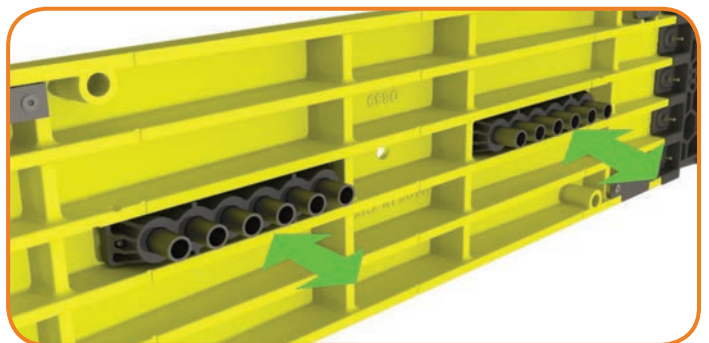
Easy to use and transport, this lightweight, long-lasting and robust plastic trench cover can take up to a 97,000 lbs vehicle over a 3ft trench and can be used in many worksite applications, including work-site construction, excavation and streetworks. The Road Plate should be bolted down for carriageway use.

### PRE-INSTALLATION SAFETY GUIDELINES & MAINTENANCE

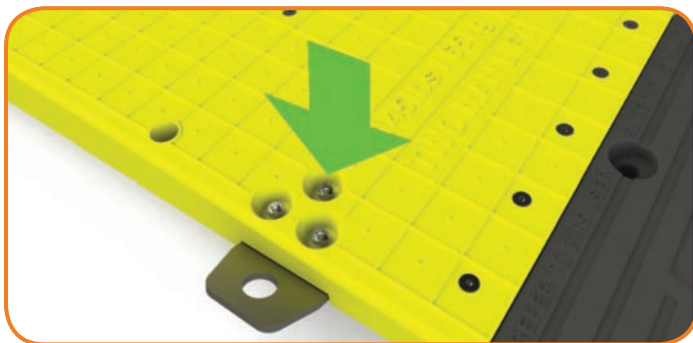
- Each Road Plate weighs approx. 143 lbs and should be lifted by 2 people.
- Confirm all parts & components are securely attached and in working order.



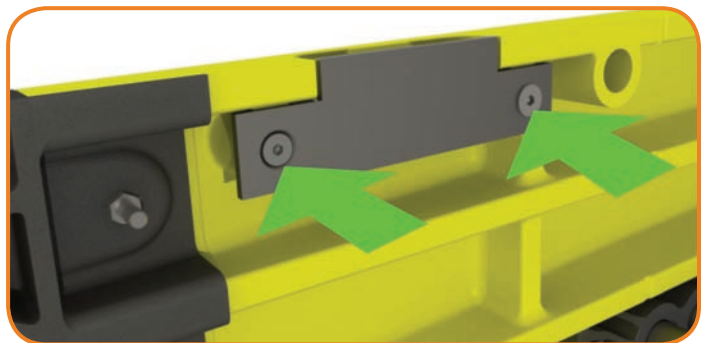
1. Check top surface of Road Plate for signs of damage.



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.



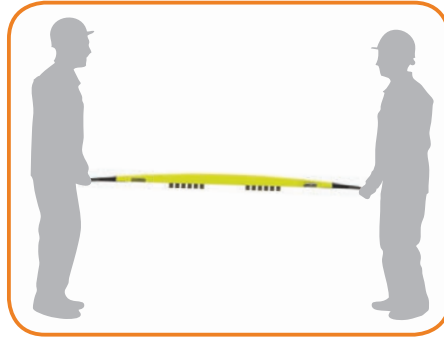
### INSTALLATION KIT

- Hammer drill & 5/8 drill bit
- Screw anchor 6 1/2" long x 5/8
- 15/16 wrench / ratchet

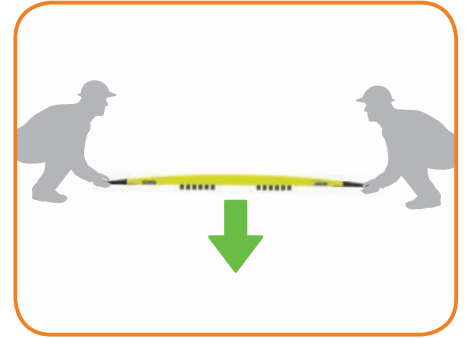
## INSTALLATION INSTRUCTIONS



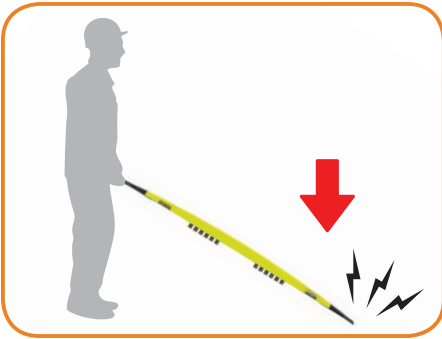
1. Ensure max trench width less than 3 ft. Assess trench stability prior to install.



2. 2 person lift at all times.



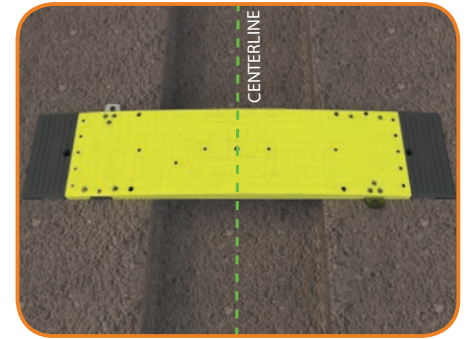
3. Lower into position.



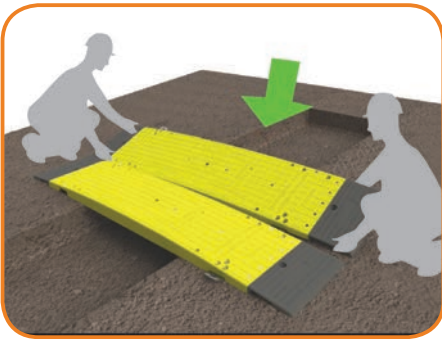
4. Do not throw or drop on to edge.



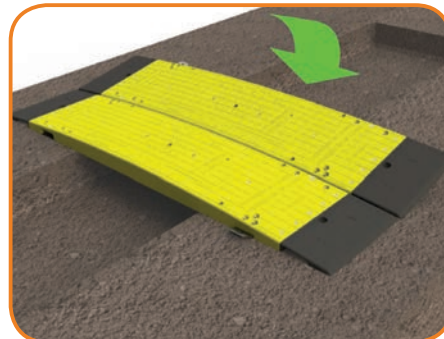
5. Do not lift using male connector.



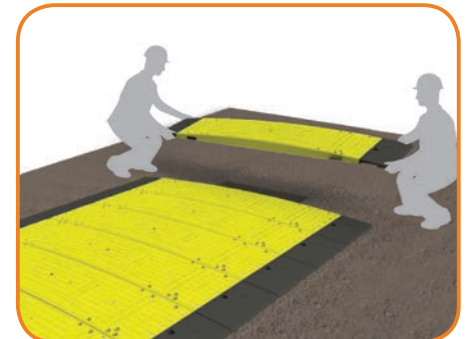
6. Place first inner Road Plate section centrally over the trench, using centreline mark as a guide.



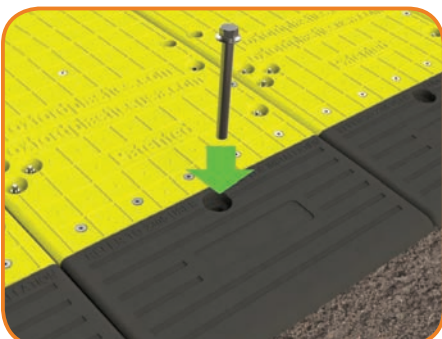
7. Lower next plate at an angle so the connectors fit into the slots.



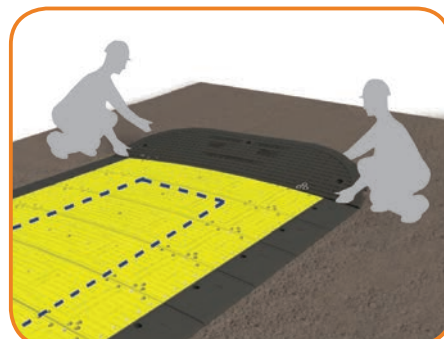
8. When the connectors are in the slots carefully lower the plate.



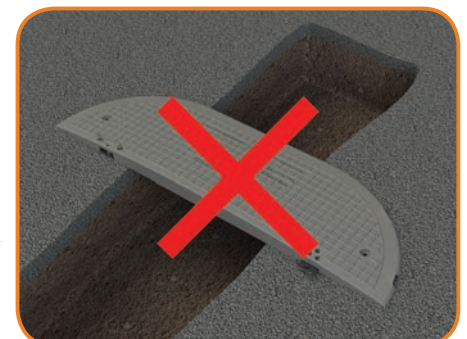
9. Repeat previous step until entire trench is covered by inner Road Plate sections.



10. Use 6 1/2" screw anchor to bolt the Road Plate to the road.

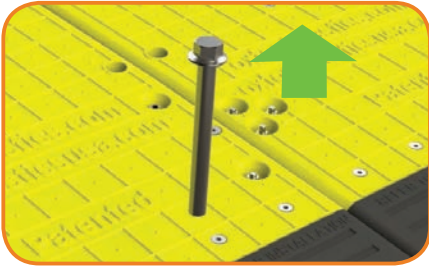


11. If required, connect the Road Plate sections, repeating step 6.

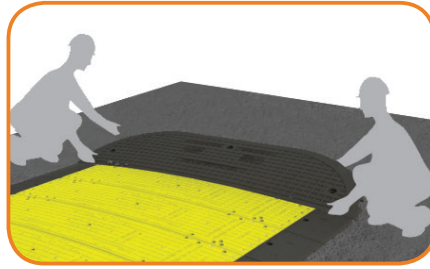


12. End section is not load bearing. Do not place end section over trench.

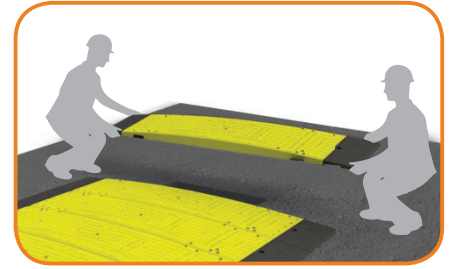
## DISMANTLING INSTRUCTIONS



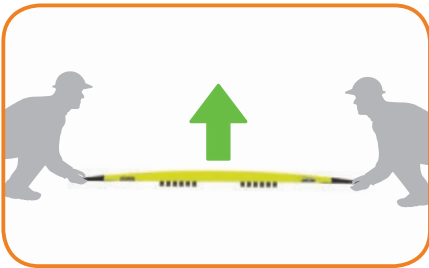
1. Remove screw anchor that were used to anchor the Road Plates to the road.



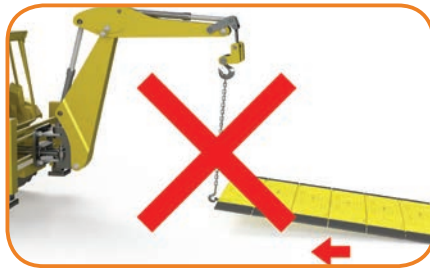
2. Starting from the end sections, carefully lift the plate at an Angle and slide outwards to remove plate.



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



4. Lift by hand.



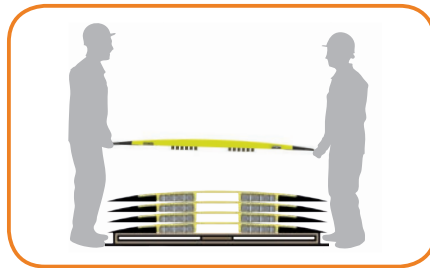
5. Do not use the male connector as a dragging point.



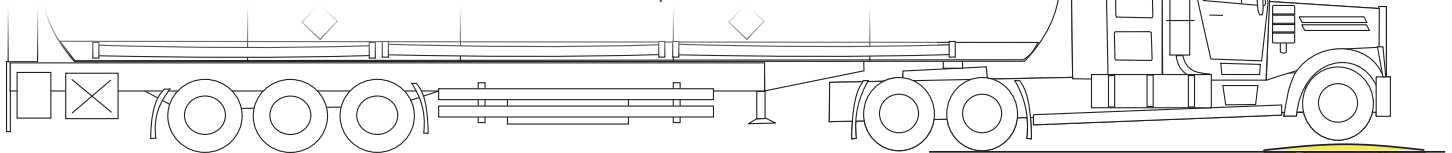
5. Do not use tools to aid lifting.



7. Clean after use.

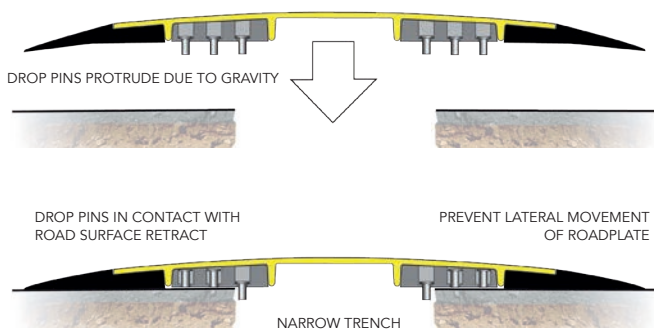


8. Store on a pallet.



36" MAX TRENCH SPAN 44T GVW

36"



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