



STANDARD



Product Code: **A FP01**

Not suitable for use by HGV's - Surface mounted.

Flow plate recommendations:

Road Width	No of Plates (approx)
2.0m	4
2.5m	5
3.0m	6
3.5m	7
4.0m	8
4.5m	9
5.0m	10
5.5m	11
6.0m	12
6.5m	13

HEAVY DUTY – HGV



Product Code: **A FP02**

Suitable for use by HGV's. Surface mounted.

Flow plate recommendations:

Road Width	No of Plates (approx)
2.0m	3
2.5m	4
3.0m	5
3.5m	6
4.0m	7
4.5m	8
5.0m	9
5.5m	10
6.0m	11
6.5m	12

PLEASE NOTE HGV and car - supplied with a flap of 103mm as standard

INSTALLATION RECOMMENDATIONS

- Raise the road surface to restrict approach speed of cars.
- Exclude heavy vehicles from operating the standard plates. (Maximum load 1 tonne per axle)
- Avoid sitting plates on a convex slope.
- Avoid layouts encouraging cars to approach plates more than 15 degrees out of line.
- Provide good general illumination.
- It is essential that the spring is lubricated/ greased on a regular basis and debris removed from under the flap

FITTING INSTRUCTIONS FOR SURFACE MOUNTED FLOW PLATES (Standard and HGV)

Standard Installation

Plates can be fixed direct to concrete or heavy-duty high grade tarmac surfaces by drilling the road way and inserting 8 anchor bolts (75 mm long).

Low Grade Tarmac Surface Installation

For low-grade tarmac surfaces (not highway standard) it is recommended that the installation procedure be as follows:-

1. Cast concrete pads 550 x 450 x 300mm deep
2. Drill 8 holes for 12mm anchor bolts 75mm deep.
Use bolts only and not fixing studs. **(Do Not Weld Bolts to Plates)**
3. The recommended spacing is shown in fig.1.
4. No drainage required.
5. Speed ramps and 5mph signs are strongly recommended.

INSTALLATION RECOMMENDATIONS

- Raise the road surface to restrict approach speed of cars.
- Exclude heavy vehicles from operating the standard plates. (Maximum load 1 tonne per axle)
- Avoid sitting plates on a convex slope.
- Avoid layouts encouraging cars to approach plates more than 15 degrees out of line.
- Provide good general illumination.
- It is essential that the spring is lubricated/ greased on a regular basis and debris removed from under the flap



FLOW PLATE CONFIGURATIONS

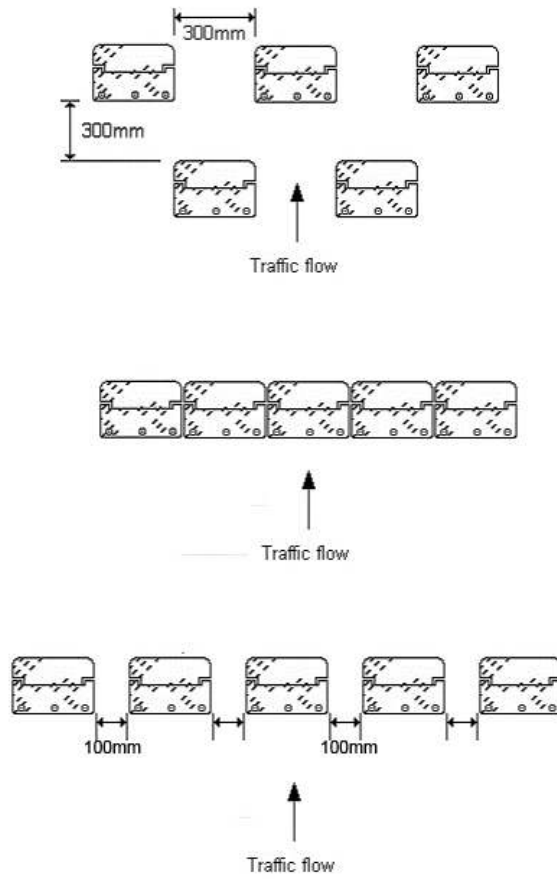
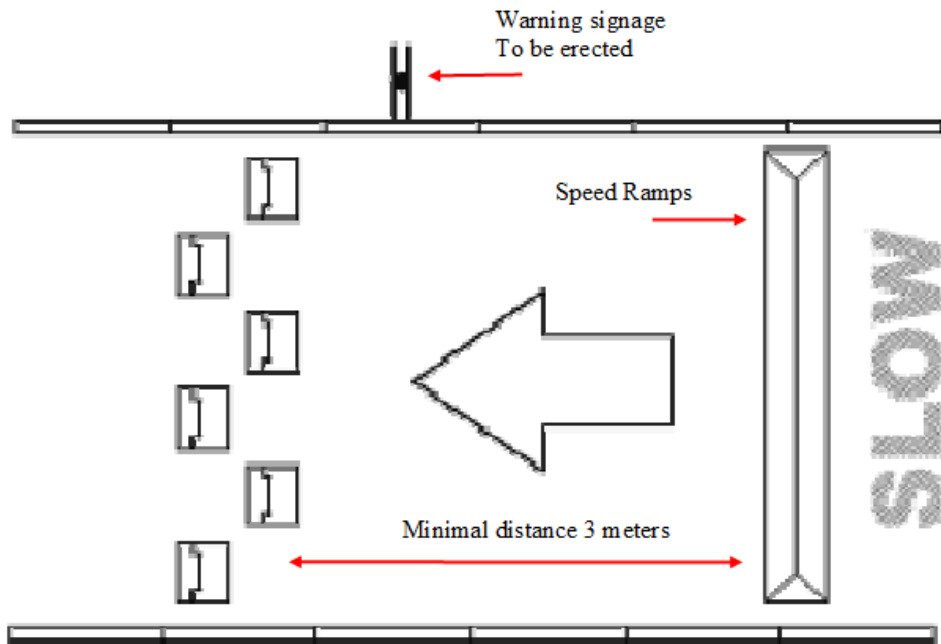


Fig. 1



Recommended road layout

Fig.2.