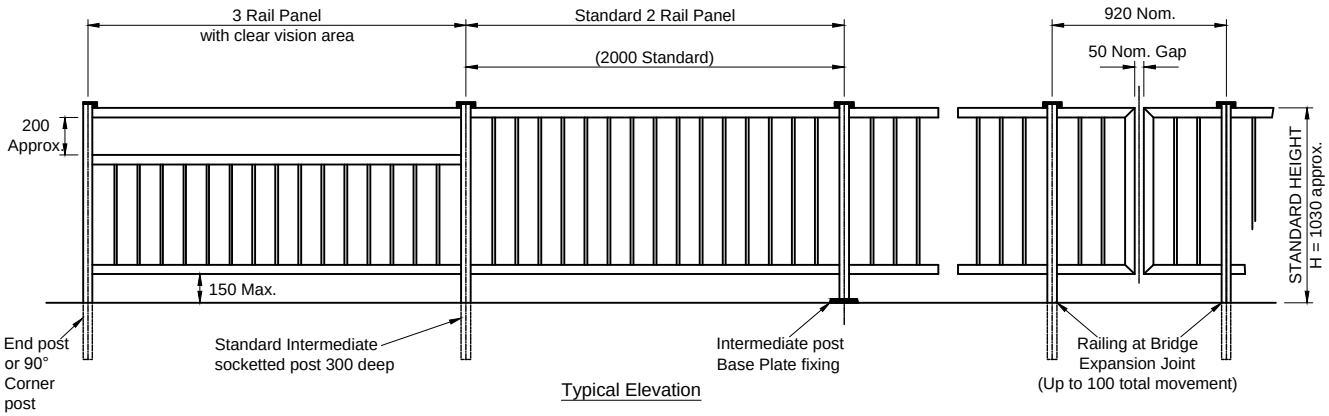
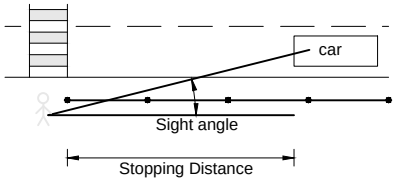


Typical Elevation

Pedestrian Guard Railing to be used
at signal controlled crossings

12 - Intervisibility type for sight angle 5° - 14°
To be used on a straight

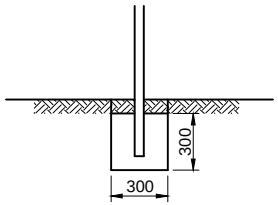
13 - Intervisibility type for sight angle 14°+
To be used on a radius



Intervisibility type 12 and 13 should be used on approaches to pedestrian crossings - but note different orientations (hands) required for nearside / offside approaches, straights or radius.

Panel Types;

A1	Standard 2-rail panel, aluminium
S1	Standard 2-rail panel, steel
A1R	Ramped Standard 2-rail panel, aluminium
S1R	Ramped Standard 2-rail panel, steel
A2	3-Rail panel with clear vision area, aluminium
S2	3-Rail panel with clear vision area, steel
A2R	Ramped 3-rail panel with clear vision area, aluminium
S2R	Ramped 3-rail panel with clear vision area, steel
A3	Bridge expansion joint panel, aluminium
S3	Bridge expansion joint panel, steel
A4	Special panel, aluminium
S4	Special panel, steel
I2	Intervisibility type for 5° - 14° approach angle
I3	Intervisibility type for 14°+ approach angle



Concrete Footings

Notes

1. Fencing to be Class B complying with BS 7818.
2. All fixings to be in accordance with manufacturer's instructions.
3. Concrete footings 300x300x300 to be grade ST3 BS EN 206-1 & BS 8500.
4. All steel parts to be hot dipped galvanised to BS EN ISO 3834-1.
5. Reinstatement above footings to be with similar materials and construction as existing.

NOTES FOR GUIDANCE ON PEDESTRIAN GUARD RAILS

1. Maximum gradient for ramp panels is 1 in 1.2.
2. Gradient to be specified in Contract Documents.
3. Panels (with upper clear vision area) to be used at road junctions (or where increased visibility is required).
4. Intervisibility type to be used at special locations, such as approaches to pedestrian crossings, signalised junctions or outside schools (gives good visibility to children).
5. Special panels of varying length and shape are available. See manufacturer's literature.
6. See drawing SD/3/12 for plan position of fence.
7. Concrete to footings shall be ST3.

Rev:	Date:	Description:	Approved by:

AMENDMENT DETAILS

Lincolnshire COUNTY COUNCIL

Checked by:	GP	Approved by:	DB
ISSUED		12/05/17	

Pedestrian Guard Rail
Pedestrian Crossings

This is a typical detail and may require conversion to a full scheme specific drawing.

NOT TO SCALE
(all units in millimetres)

Disclaimer : Before making use of this detail, any designer or third party must ensure that it satisfies all requirements of the scheme to which it is being applied. Lincolnshire County Council accept no responsibility for third party use of this Standard Detail.

SD/3/5
Standard Detail Number

Revision Number

Revision

Hedges, Fencing and Noise Barriers

SD/3/5