



Before



After

Scheme Implemented: January 2010 – May 2010

Background: Ickleford is a rural village located in northern Hertfordshire. Arlesey Road, the main road through the village, is a key route linking Hitchin and Letchworth. The road has high volumes of traffic with the only existing crossing facility being an uncontrolled crossing with centre refuge located adjacent to the village green and Ickleford Primary School. The village's commercial businesses, shops and pubs are primarily located on Arlesey Road.

Turnpike Lane is a key residential thoroughfare linking the village centre with Bedford Road (A600).

The A600 Bedford Road is a single 2 lane carriageway and is predominantly within a rural environment to the north of Ryder Avenue with farm land on both sides of the road. It is classified as a main distributor road forming the major route into Bedfordshire from Hertfordshire and as such is restricted by the types of traffic calming that would be considered. The brief recommends investigation for a crossing between Ryder Avenue and Turnpike Lane.

There was a general concern for speeding throughout the village.

Measures Introduced: Arlesey Road: New raised Zebra crossing, carriageway resurfacing, six sets of speed cushions, upgrade of existing street lighting, drainage works, signage, replacement of two illuminated bollards with solar powered bollards, road markings and high friction surfacing.

Turnpike Lane: Carriageway resurfacing, two sets of speed cushions, two flat-top road humps, upgrade of existing street lighting, drainage works, signage, replacement of two illuminated bollards with solar powered bollards road markings and high friction surfacing.

Bedford Road (A600): New uncontrolled crossing, new wind and solar powered Vehicle Actuated Sign (VAS), signage and road markings. new wind and solar powered Vehicle Actuated Sign (VAS), signage and road markings.

Post Completion: The provision of a new raised Zebra crossing in the village has significantly improved accessibility in the village, especially for children and parents travelling to and from Ickleford Primary School and the village green. The introduction of speed cushions and road humps on Arlesey Road and Turnpike Lane has significantly reduced vehicle speeds. The carriageway resurfacing location of the zebra crossing on Arlesey Road has provided a safe crossing facility in the village.

The introduction of the VAS on Bedford Road (A600) has only slightly reduced vehicle speeds and assisted in highlighting to drivers they are entering a residential area. Motorist generally conforms to a speed based on the environment. Given that Bedford Road is classified as a main distributor road, traffic calming such as speed cushions or road humps cannot be considered.

The uncontrolled crossing point has improved accessibility for pedestrians crossing Bedford Road.

Scheme Targets and Objectives: The scheme contributes to the following Local Transport Plan (LTP2) indicator;

- Mode Share of Journeys to School (primary)
- Speed limit compliance (other)

Based on the overall results the scheme is considered successful therefore no further measures are required.

Vehicle Speed & Volume Data - Before & After Counts

Before & After Free-Flow Vehicle Speeds 24Hr				
Location	Direction	Month / Year	85thile speed (mph)	Volume-24Hr
Outside no. 119/121 Arlesey Road	Northbound	Dec-07	36.3	3666
		Oct-10	29.5	3865
	Southbound	Dec-07	34.6	3710
		Oct-10	29.2	4010
Outside no. 27 Turnpike Lane	Northeastbound	Dec-07	35.7	3839
		Oct-10	26.5	3733
	Southwestbound	Dec-07	38	3516
		Oct-10	27.5	3409
Outside no. 35 Bedford Road (A600)	Northbound	Dec-07	42.6	6216
		Oct-10	42.5	5828
	Southbound	Dec-07	38.2	6246
		Oct-10	37.7	5820

TECHNICAL DATA

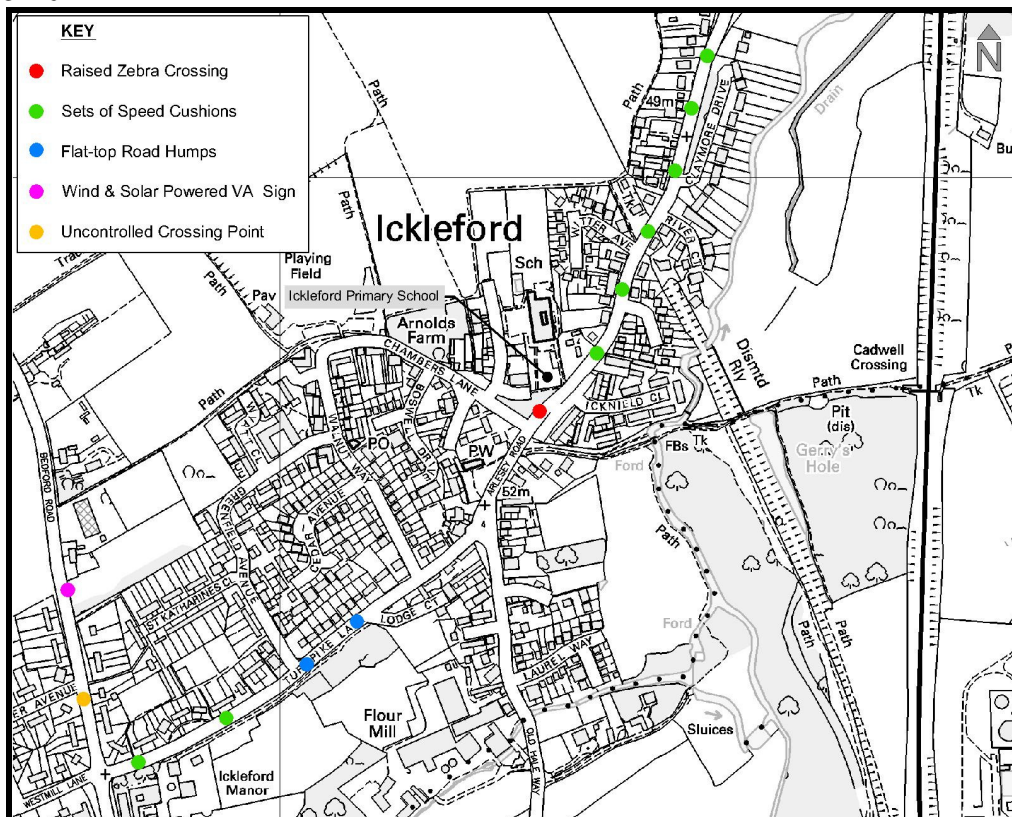
Route Type: Bedford Road (A600) – Classified numbered A road. All other roads in the village are unclassified.

Road Type and Speed Limit: Bedford Road (A600) is a main distributor road subject to a 30mph speed limit which changes to de-restrictive north of the village. All other roads in the village are local roads with 30mph speed limits.

Length of Scheme: n/a

Proposals: Raised Zebra crossing, carriageway resurfacing, speed cushions, road humps, upgrade of street lighting, drainage works, wind and solar powered VAS, uncontrolled crossing point, signage, road markings and high friction surfacing.

Scheme Plan:



Study Dates:

December 2007 & September 2010

Construction Cost:

Final Cost: £222,917.95

**Hertfordshire
Highways**



Hertfordshire County Council is responsible for highways services and provides these services through Hertfordshire Highways in partnership with Amey Lafarge and Mouchel