

Bottesford, High Street Crossing Request

Background

Several residents and Bottesford Parish Council have requested a zebra crossing within Bottesford. Following these requests, several Crossing Justification Assessments (CJA) have taken place within Bottesford over the past few years. The results of the 2021 CJA were challenged in September 2023 as it was argued that the 2021 CJA results were not representative due to the Covid-19 measures in place. The outcome of this complaint was that a new CJA was agreed and completed in March 2024. The Crossing Justification Value (CJV) of this new CJA was 0.418. However, the results were unreliable due to a heavy discrepancy of students in the afternoon but none in the morning. 80 Minors were recorded from 3pm to 5pm and only three minors were recorded between 7am to 1pm. The Council's Network Data Intelligence Team (NDI) and Streetwise, the third party responsible for enumeration, concluded that the discrepancy was the result of poor weather in the morning of the pedestrian survey.

Timeline

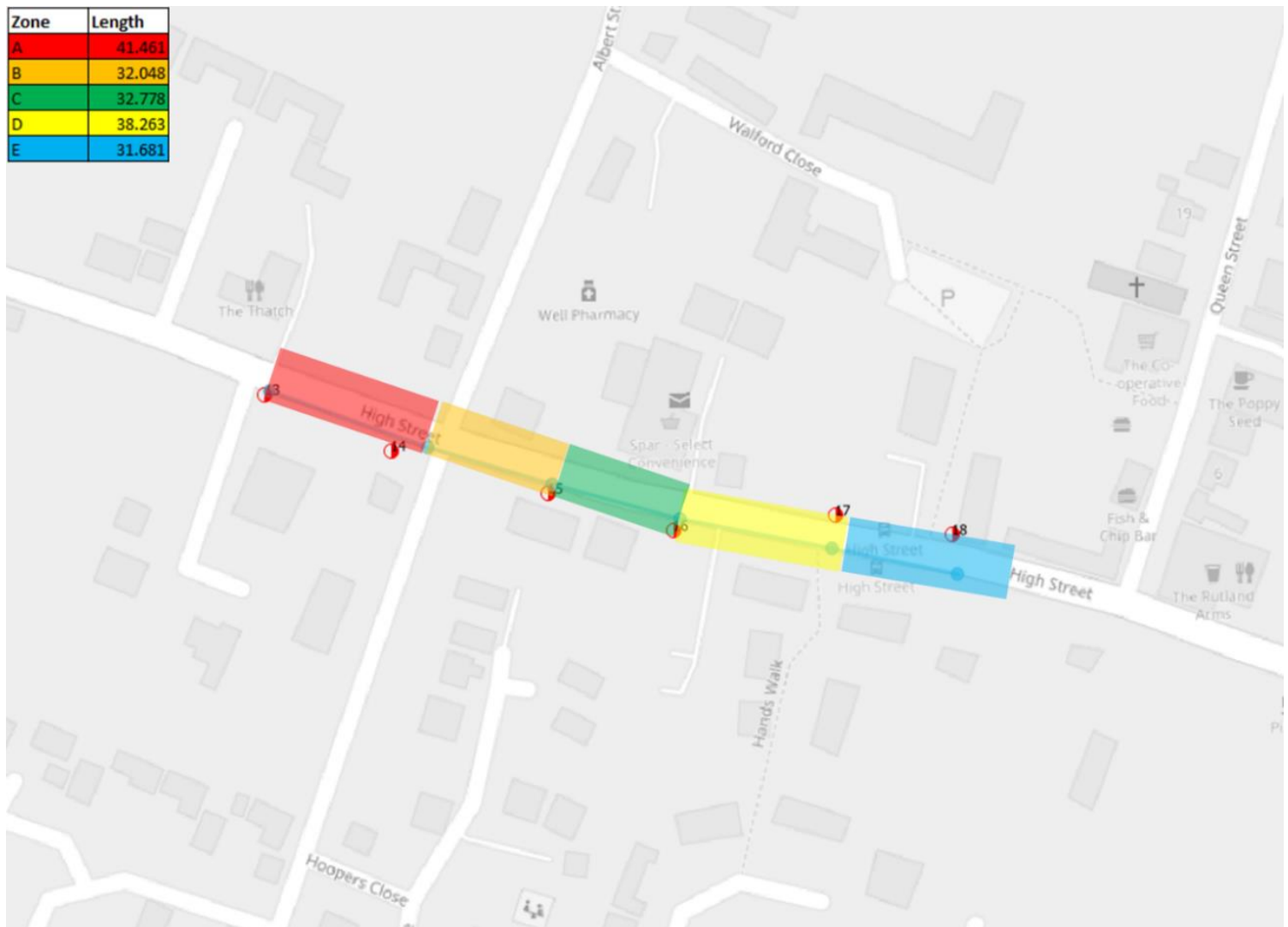
- CJA completed Bottesford near Barkestone Lane in 2017 resulted CJV 0.283
- CJA completed Bottesford Highstreet in January 2018 resulted CJV of 0.104
- CJA completed Bottesford Highstreet in June 2021 resulted CJV of 0.398
- 2023 September, Complaint (012828) received criticising the CJA being completed in 2021 resulted in agreed crossing justification reassessment of Bottesford Highstreet
- CJA that took place in March 2024, resulted CJV 0.418; however, results showed discrepancy in minors crossing so further reassessment was agreed
- CJA which took place in June 2024 has provided several results

CJA June 2024 Results

Following the previous discrepancies and numerous requests for CJA in Bottesford, it was decided that to ensure pedestrian activity was at its most consistent, a larger scale pedestrian survey was carried out over a 176m length stretch of Bottesford Highstreet and the areas were split into five zones for enumeration. The zones are demonstrated clearly on Figure 1 below.

Figure 1 depicts the length of each zone in the table in the top left; it also shows the position of lamp columns 13 to 18.

Figure 1



The Cameras were set up on 3 June and recorded until they were removed on 7 June, meaning that five days of pedestrian activity was recorded. Following brief reviews of the recordings by the NDI Team, it was decided (due to weather and other factors such as GCSE dates) that 5 and 6 June would provide the most reliable data and so both days were enumerated.

The crossing justification values of all zones individually and key combinations of zones, has been laid out within Figure 2 below.

Figure 2

Bottesford Highstreet Crossing Justification Values Thursday 6th of June 2024						
Zones	Length	CJV				
Zone A	41.461	0.096				
Zone B	32.048	0.438				
Zone C	32.778	0.181				
Zone D	38.263	0.116				
Zone E	31.681	0.165				
Zone ABCDE	176.231	0.932				
Zone ABC	106.287	0.671				
Zone BCD	103.089	0.713				
Wednesday 5th of June 2024				NO ACTION	UNCONTROLLED MEASURES	ZEBRA CROSSING
Zone ABCDE	176.231	0.887		>0.4	0.4 - 0.6	0.6 - 0.9
Zone BCD	103.089	0.643				

Analysis of June CJA Results

The highest CJV from an individual zone was 0.438 from Zone B which would suggest that a crossing is not required. Furthermore, the result for the area of Zone B is consistent with previous CJA; However, when the count of crossings taking place are combined from all zones the value is raised; as depicted as high as 0.932.

Using this methodology will ensure a more robust assessment when there are more opportunities to cross the road that one single assessment would not take into consideration.

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