
Sarah O'Sullivan

From: Madeleine Healy
Sent: 20 February 2017 12:56
To: Cllr. Deirdre Forde; Marcia D'Alton; Mary Rose Desmond; Seamus McGrath; Daithi O'Donnabhain; derrycantyccc@gmail.com; jacwps@eircom.net; Joe Harris; Eoghan Jeffers; michaelfrickmurphy@gmail.com
Cc: Kevin O'Regan; Sarah O'Sullivan
Subject: Ringaskiddy Pedestrian Crossing
Attachments: Reassessment for Controlled Crossing Feb 2017.docx; N28 Ringaskiddy playground revised.docx

Councillors

In response to Cllr D'Altons NOM

. "That TII would install a controlled pedestrian crossing at the uncontrolled crossing on the N28 adjacent to the Ringaskiddy playground and that, in support of this, TII would present the updated traffic/pedestrian survey it committed to undertaking subsequent to my motion of 19th October 2015."

I attach a report carried out by the National Roads Design Office on behalf of the TII.

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N28 Ringaskiddy Pedestrian Crossings

Reassessment of the Need for Signalised Pedestrian Crossing

February 2017

Two uncontrolled pedestrian crossings were installed in Ringaskiddy Village in 2013. These were provided to aid pedestrians crossing the N28 to a proposed playground facility in lands owned by the Port of Cork. The uncontrolled crossings include a central island, which ensures that pedestrians can cross the road one lane at a time. As noted in the NRA Guidelines on Traffic Calming for Towns and Villages on National Routes "*Contrary to popular belief, there is no evidence to suggest that informal crossing places well located and equipped with channelising islands are less safe than Zebra Crossings or that Zebra Crossings are less safe than signalised Crossings.*"

However, the National Roads Office have been asked to re-assess the need for a controlled crossing following the installation of the playground facility. To aid this assessment, a pedestrian count survey was undertaken on Wednesday 20th July 2016 between 9am and 5pm. While the day was dry and overcast, the average temperature was 19°C and so was a good day to visit the playground.

We counted pedestrians crossing at both uncontrolled crossings and those that crossed the road without the aid of these crossing facilities. Pedestrian were categorised into groups namely adults, children, adults with prams, elderly and disabled users. All but adult numbers were weighted to account for increased need.

In accordance with the NRA Pedestrian Crossing Specification & Guidance, the assessment was done taking the highest volume of pedestrians in a particular hour at a given location and assessed with traffic volume. However, I have assessed the need for the controlled crossing taking into account the total number of pedestrians counted during the survey and not just the highest hourly volume. In addition, I have included for a further demand considering the route is to/from a shop, to/from a bus stop, to/from a community facility and to/from a leisure facility. Even with these added value elements, the PV² is less than 100x10⁶ and therefore a signal controlled or zebra crossing would not be justified or submitted for funding.

Signed

Finola O Riordan

S/Senior Executive Engineer

N28 Ringaskiddy Pedestrian Crossing
Post Construction Report

N28 Ringaskiddy Pedestrian Crossing Count

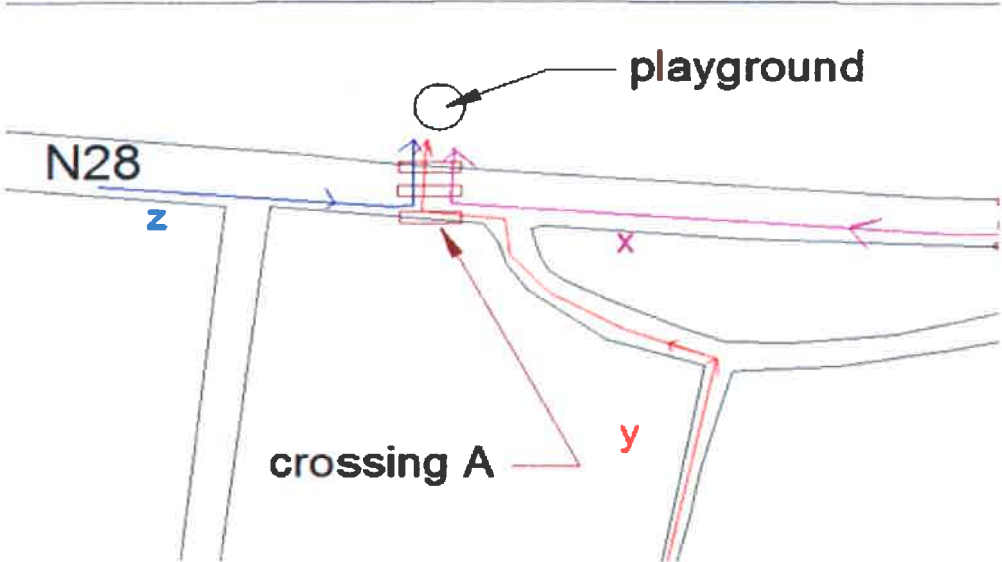
A pedestrian count survey took place on Wednesday, July 20th 2016 between the hours of 9am and 5pm.

Weather conditions on the day were dry and overcast, with an average temperature of 19°C.

Two separate counts were undertaken which measured the number of pedestrians who used the recently constructed pedestrian crossings in order to cross the N28 national route and access the playground which is located on the northern side of the road in Ringaskiddy village. Crossing A is positioned approximately 30m East of Priests Avenue with Crossing B located 100m further East along the N28.

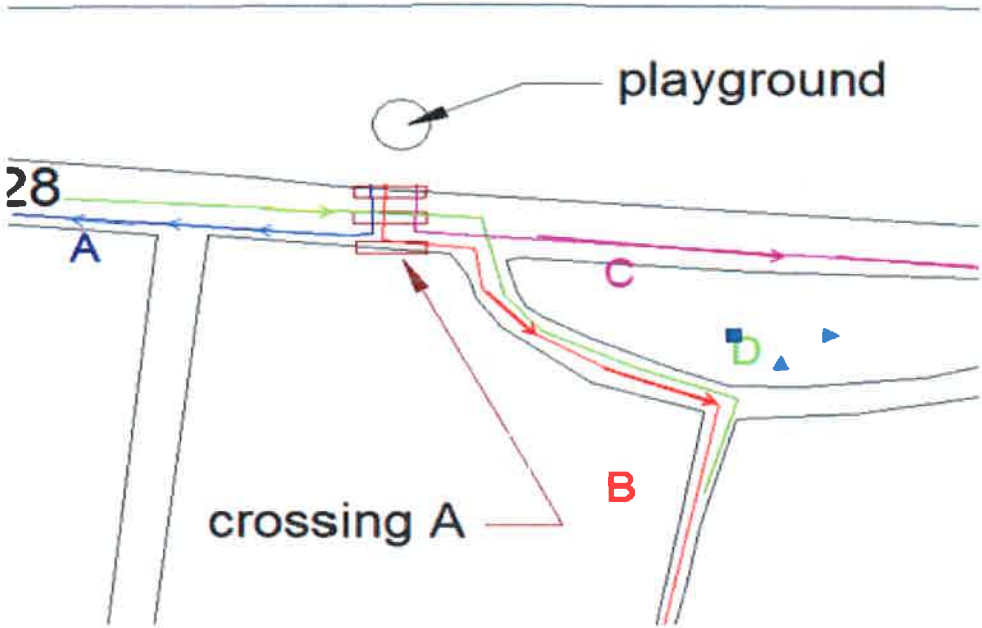
The pedestrian path options are identified in the diagrams below.

Crossing A: Approaching Playground

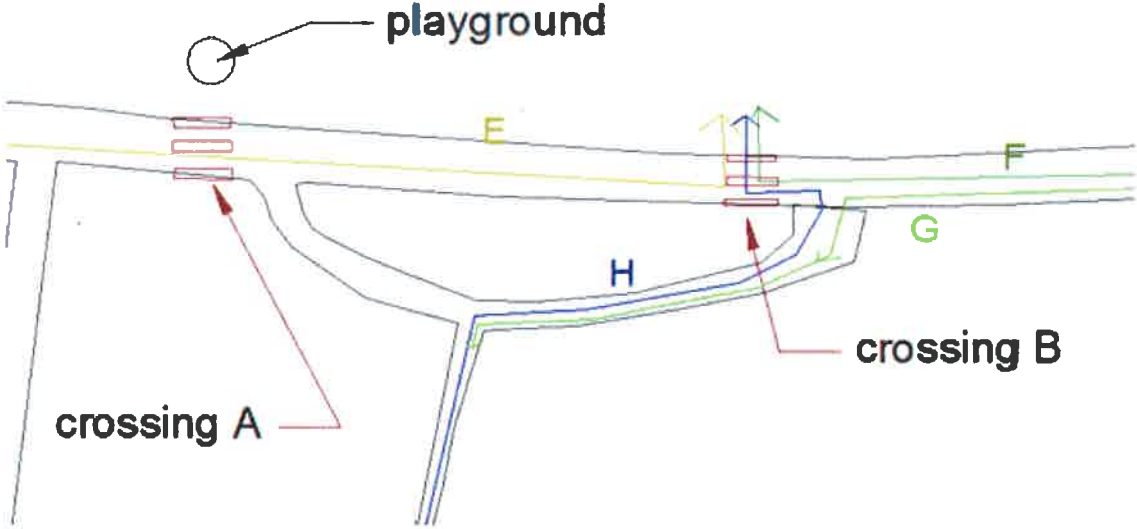


Figure

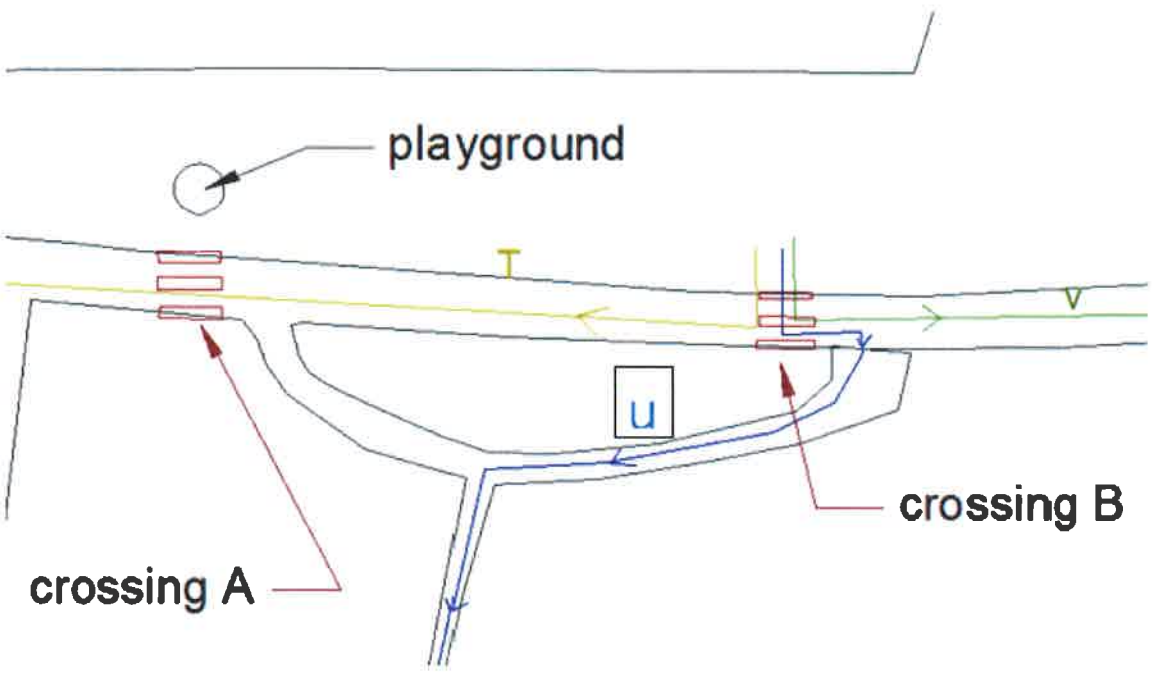
Crossing A: Leaving Playground



Crossing B: Approaching Playground

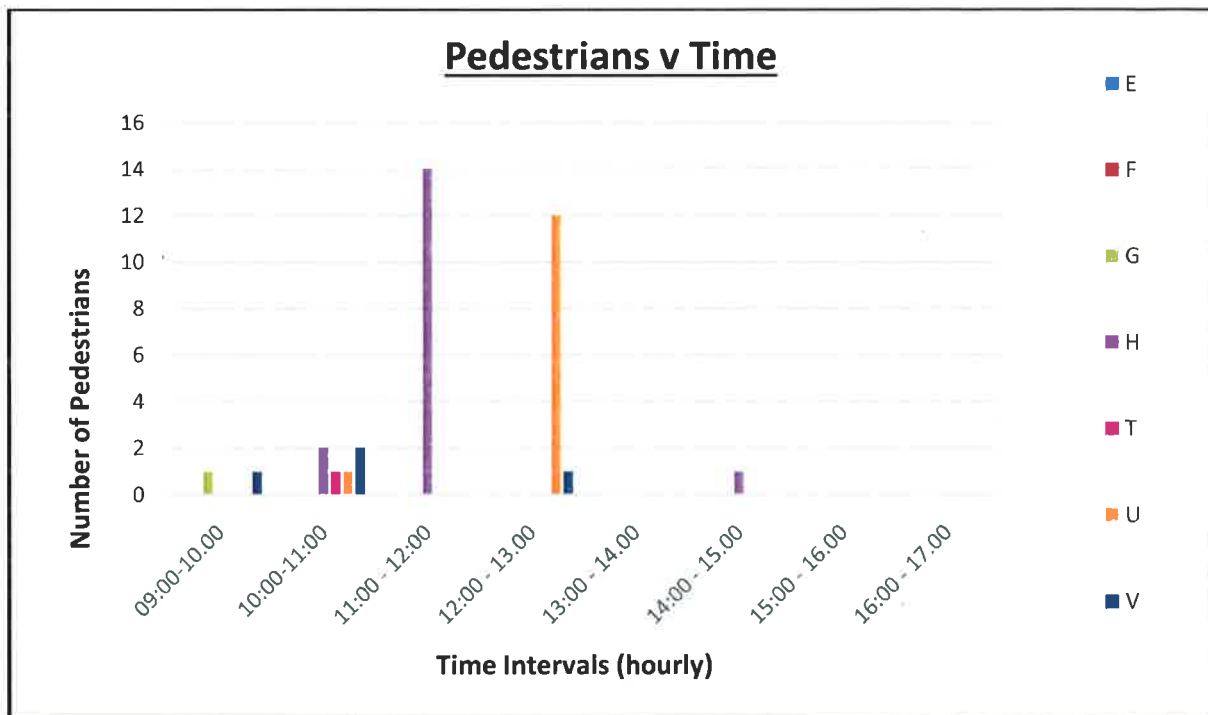


Crossing B: Leaving Playground



Results Crossing B

Time	E	F	G	H	T	U	V
09:00-10:00			1				1
10:00-11:00				2	1	1	2
11:00 - 12:00				14			
12:00 - 13:00						12	1
13:00 - 14:00							
14:00 - 15:00				1			
15:00 - 16:00							
16:00 - 17:00							



Summary

Two pedestrian crossings were constructed on a section of the N28 primary national route through Ringaskiddy, Co. Cork.

- Crossing A: Opposite playground (west)
- Crossing B: East of Old Post Office Road

Crossing A

Time	Children	Adult	Adult with Pram
09:00-10.00		1	
10:00-11:00			
11:00 - 12:00	4	3	2
12:00 - 13.00			
13:00 - 14.00		4	
14:00 - 15.00	1	2	
15:00 - 16.00		1	
16:00 - 17.00			

Crossing B

Time	Children	Adult	Adult with Pram	Elderly
09:00-10.00		1		
10:00-11:00	2	3		
11:00 - 12:00	11	3	2	
12:00 - 13.00	11	2		
13:00 - 14.00				
14:00 - 15.00		1		
15:00 - 16.00				
16:00 - 17.00				

Pedestrians who Crossed the N28 without using Pedestrian Crossing

Time	Children	Adult
09:00-10.00		2
10:00-11:00		
11:00 - 12:00	1	1
12:00 - 13.00	2	2
13:00 - 14.00		5
14:00 - 15.00	3	19
15:00 - 16.00	1	12
16:00 - 17.00		

Cars

Fourteen cars parked in the layby at the northern side of the N71 to avail of the use of the playground.

10:40 adult with pram

11:10 adult and child

11:45 two adults and 2 children

12:45 adult and child

12:50 two adult and child

13:20 adult plus buggy and child

13:42 adult and child

14:05 adult and child

14:30 two adults and child

14:37 adult and child

14:53 adult

15:20 adult and 2 children

15:23 man

16:38 adult and two children

Notes

A crèche with eleven children and one adult was recorded between 11 and again on returning at 12 over crossing B

A funeral was recorded which had 13 people none of which used the crossing