

22154-01-001

## Playground & Carpark Amenity at Leixlip, Co. Kildare

### ROAD SAFETY AUDIT STAGE 1 / 2



December 2022

**ROADPLAN**

CONSULTING

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## 1. INTRODUCTION

- 1.1 This report describes a Stage 1 / 2 Road Safety Audit carried out at Lexlip Amenity Centre on behalf of Kildare County Council. The audit was carried out on the 14<sup>th</sup> of December 2022 in the offices of Roadplan Consulting, Kilkenny.
- 1.2 The audit team members were as follows:
  - Dermot Donovan, BE CEng FIEI.  
Auditor Number DD50250
  - Richard Frisby, BSc AEng MIEI.  
Auditor Number RF13337391
- 1.3 Both audit team members visited the site on the 30<sup>th</sup> of November 2022. The audit comprised an examination of the drawings relating to the scheme supplied by Kildare County Council and an examination of the site.
- 1.4 The speed limit of road at the site entrance is 50 km/h.
- 1.5 This Stage 1 / 2 Audit has been carried out in accordance with the relevant sections of TII GE-STY-01024. The team has examined only those issues within the design relating to the road safety implications of the scheme and has therefore not examined or verified the compliance of the design to any other criteria.
- 1.6 All problems described in this report are considered by the audit team to require action in order to improve the safety of the scheme and minimise accident occurrence.
- 1.7 Appendix A contains copies of the audited drawings.

## 2. STAGE 1 / 2 AUDIT

### 2.1 Problem

There is a level difference between the proposed playground and the R148 Maynooth Road; the playground is slightly lower than the road. Notwithstanding that the road is within the urban speed limit zone, it is straight and relatively wide so travel in excess of the speed limit may occur. There is a risk that an errant vehicle could enter the playground, causing injury to users.



### Recommendation

Carry out a risk assessment to determine if measures are required to mitigate the risk of an errant vehicle colliding with users of the playground. TII Standards provides appropriate guidance.

### 2.2 Problem

Parents and children arriving to the playground by bicycle from the R148 Maynooth Road may use the proposed pedestrian access to enter the playground. There is no dropped kerb at the roadside which could cause difficulty and delay for parents and children exiting the roadside. Delay in exiting the cycle lane and public road could increase road safety risk for all road users.

### Recommendation

Provide a section of dropped kerb and dished footpath to allow cyclists to enter the playground directly and easily from the R148 eastbound cycle lane.

### 2.3 Problem

It is not clear from the drawing that measures are being provided to prevent parking occurring directly at the playground gate within the car park. The risk of pedestrian collisions may be increased if children emerge onto the carpark roadway from behind parked cars

**Recommendation**

Provide a build out in front of the gates of the playground onto which children could emerge in safety and be seen by drivers within the car park. Provide a simple crossing to the footpath opposite, incorporating tactile paving and dropped kerbs.

**2.4 Observation**

Bicycle parking should be provided at the playground, accessible to those who arrive to either access.

**2.5 Observation**

The provision of an entrance to the playground directly from the R148 Maynooth Road may encourage the use of sustainable travel modes by those traveling to the facility. There are bus stops close by and there are cycle lanes and footpaths on the road. However, if car parking within the amenity centre became difficult to find or if a charge for parking were levied, parents might instead park on the R148 beside the new access, possibly blocking the cycle lane or obstructing the footpath. It should be ensured that sufficient low-cost, off-road parking is available.



**3. AUDIT TEAM STATEMENT**

3.1 We certify that we have examined the drawings listed in Appendix A and have inspected the site. This examination has been carried out with the sole purpose of identifying any features of the design that could be removed or modified to improve the safety of the scheme.

Signed..... Dermot Donovan

Date ..... 21<sup>st</sup> December 2022.....

Signed..... Richard Frisby

Date ..... 21<sup>st</sup> December 2022.....

## APPENDIX A

### List of Drawings Examined

The following drawings have been provided electronically in PDF format by Kildare County Council:

Drawing number	Rev	Drawing title
SRC-354-100	C	Proposed Traffic management and traffic signals revisions for RFI response
KCC	-	Proposed Site Layout
-----	*	Proposed Layout Plan – New parking Layout No.2
-----	-	Layout

# SAFETY AUDIT FEEDBACK FORM

**Scheme:** Proposed Playground & Carpark at Leixlip, Kildare

**Document Number:** 22154-01-001

**Audit Stage:** Stage 1/2 RSA

**Date Audit Completed:** 21<sup>st</sup> December 2022

Paragraph No. in Safety Audit Report	To Be Completed By Designer			To Be Completed by Audit Team Leader
	Problem accepted (yes/no)	Recommended measure accepted (yes/no)	Describe alternative measure(s). Give reasons for not accepting recommended measure. Only complete if recommended measure is not accepted.	Alternative measures or reasons accepted by auditors (yes/no)
2.1				
2.2				
2.3				

**Safety Audit**

Signed off ..... **Design Team Leader**

Print Name .....

Date .....

**Safety Audit**

Signed off ..... **Employer**

Print Name .....

Date .....

**Safety Audit**

Signed off ..... **Audit Team Leader**

Print Name .....

Date .....

Please complete and return to:

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Kilkenny  
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