

Title: **COMBINED STAGE 1&2 ROAD SAFETY AUDIT**

**For;**

**Proposed Residential Development at St. Evin's Park,  
Monasterevin, Co. Kildare.**

Client: **Donnachadh O'Brien & Associates Consulting Engineers.**

Date: **November 2024**

Report reference: **2008R02**

VERSION: **FINAL**

Prepared By:

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## CONTENTS SHEET

### Contents

1.0	Introduction.....	2
2.0	Background.....	3
3.0	Issued Raised in This Road Safety Audit.....	4
3.1	Problem.....	4
3.2	Problem.....	5
3.3	Problem.....	6
4.0	Observations.....	6
4.1	Observation.....	6
5.0	Audit Statement .....	7
	Appendix A .....	8
	Appendix B.....	9
	Appendix C.....	10

## 1.0 Introduction

This report was prepared in response to a request from Ms. Lisa Hanrahan, Donnachadh O’Brien & Associates Consulting Engineers for a Combined Stage 1&2 Road Safety Audit of the proposed residential development at St. Evin’s Park in Monasterevin, Co. Kildare.

The Road Safety Audit Team comprised of;

Team Leader: **Norman Bruton**, BE CEng FIEI, Cert Comp RSA.

**TII Auditor Approval no:** NB 168446

Team Member: **Owen O’Reilly**, B.SC. Eng Dip Struct. Eng NCEA Civil Dip Civil. Eng CEng MIEI

**TII Auditor Approval no:** OO 1291756

The Road Safety Audit comprised an examination of the drawings provided and a site visit by the Audit Team on the 6<sup>th</sup> of September 2023.

The weather at the time of the daytime site visit was dry and the road surface was also dry.

This Stage 1&2 Road Safety Audit has been carried out in accordance with the requirements of TII Publication Number GE-STY-01024, dated December 2017.

The scheme has been examined and this report compiled in respect of the consideration of those matters that have an adverse effect on road safety. It has not been examined or verified for compliance with any other standards or criteria.

The problems identified in this report are considered to require action in order to improve the safety of the scheme for road users.

If any of the recommendations within this safety audit report are not accepted, a written response is required, stating reasons for non-acceptance. Comments made within the report under the heading of Observation are intended to be for information only. Written responses to Observations are not required.

A location map showing where each problem occurs is provided in **Appendix A**.

A list of the documents provided to the Audit Team is provided in **Appendix B**.

The feedback form is provided in **Appendix C**.

**An original Stage 1-2 RSA was carried out in September 2023 (Report ref 2008R01) by the same Audit Team. Since that time the design has developed (particularly the road layout) and this audit is based on the updated design. Issues raised in the original audit that have been addressed through the design development or that are no longer relevant due to the layout changes are not repeated in this report.**

## 2.0 Background

It is proposed to construct a 15 unit residential development in a portion of the green area of the existing St. Evin’s Park in Monasterevin, Co. Kildare.

St Evin’s Park is accessed of the R414 regional road via a simple priority junction. The access is south of the railway crossing of the R414.

In a revision from the original layout access to the development will be via a priority junction off the existing estate road relatively central to the development.

Two car parking spaces are provided for including one electric vehicle charging space.

The site location is shown below.

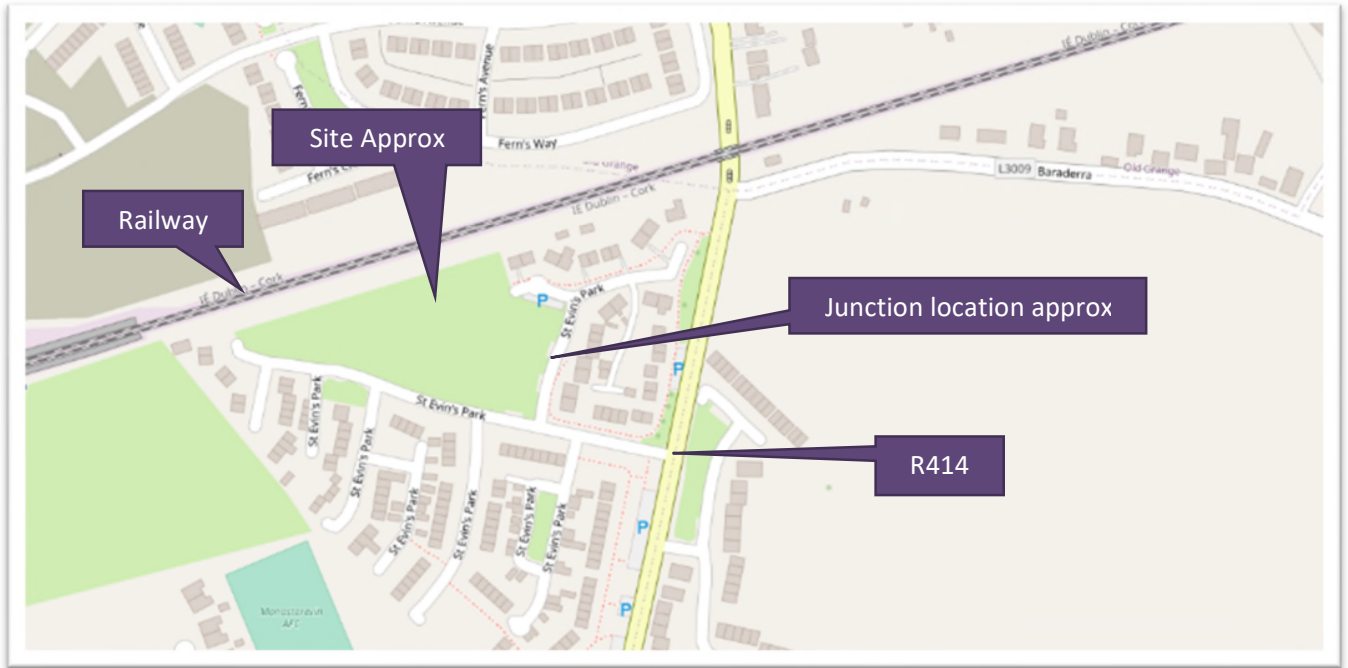


Image courtesy of [openstreetmap.org](https://openstreetmap.org)

STAGE 1&2 RSA – ST. EVIN’S PARK, MONASTEREVIN UPDATE  
DOBA

### 3.0 Issued Raised in This Road Safety Audit.

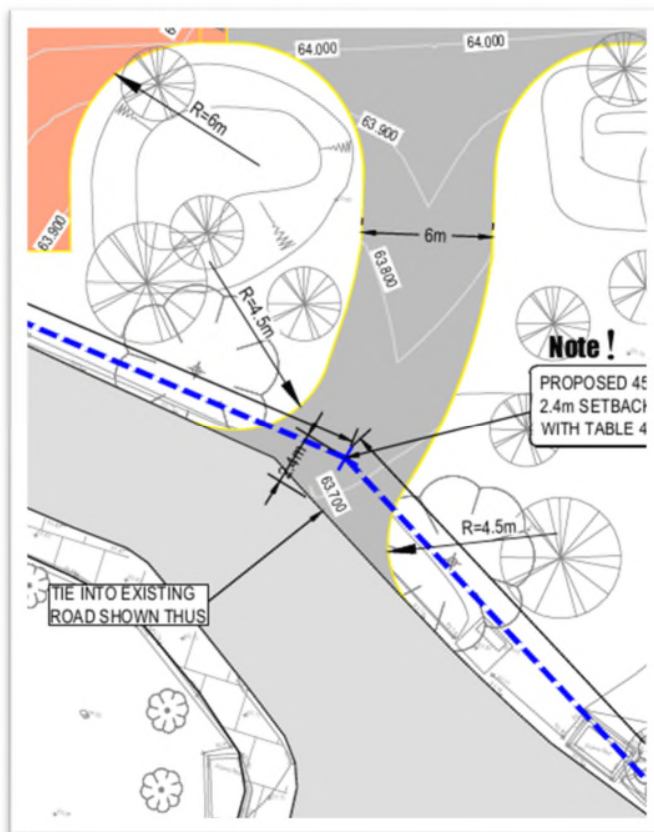
#### 3.1 Problem

*LOCATION*

Drawing 2305-DOB-XX-SI-DR-C-0050S2 S2 P051, Pedestrian desire line.

*PROBLEM*

There will be a desire line for pedestrians to travel along the link to the existing estate. This will lead to sharing of space with vehicular traffic which would increase the risk of collisions. This section is not identified as a ‘Shared Use’ street.



*RECOMMENDATION*

It is recommended that a segregated pedestrian route be provided.

STAGE 1&2 RSA – ST. EVIN’S PARK, MONASTEREVIN UPDATE  
DOBA

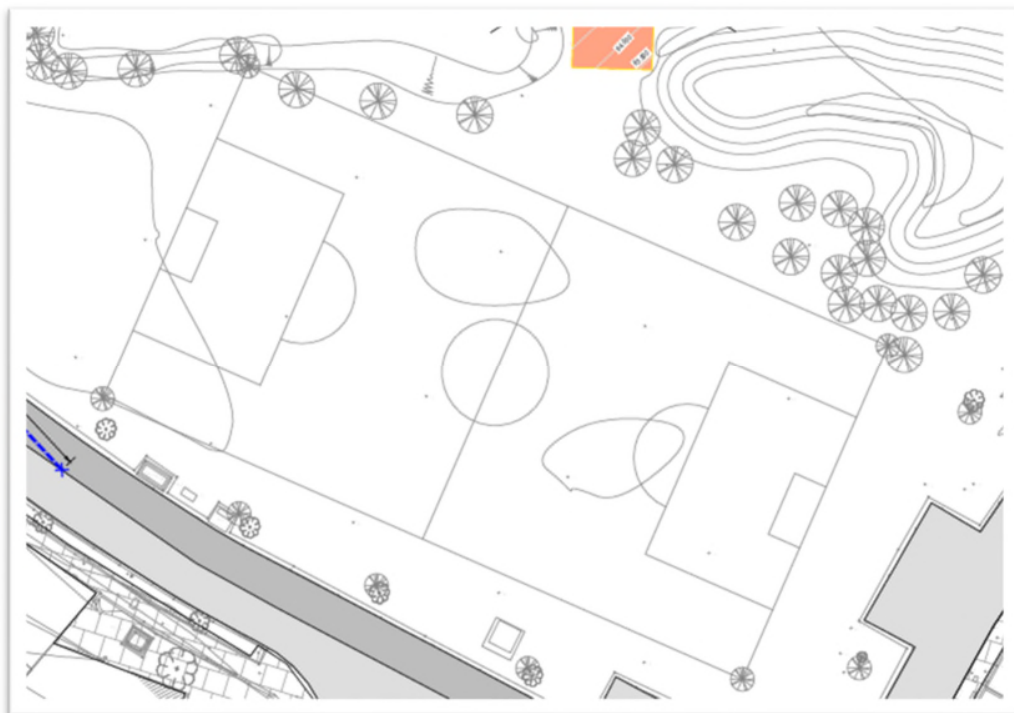
3.2 Problem

*LOCATION*

Drawing 2305-DOB-XX-SI-DR-C-0050S2 S2 P051, Football Pitch.

*PROBLEM*

It is unclear if the football pitch is to be fenced. Stray footballs could lead to children running onto the carriageway and being struck by passing vehicles.



*RECOMMENDATION*

It is recommended that suitable fencing be provided around the football pitch.

## STAGE 1&2 RSA – ST. EVIN’S PARK, MONASTEREVIN UPDATE DOBA

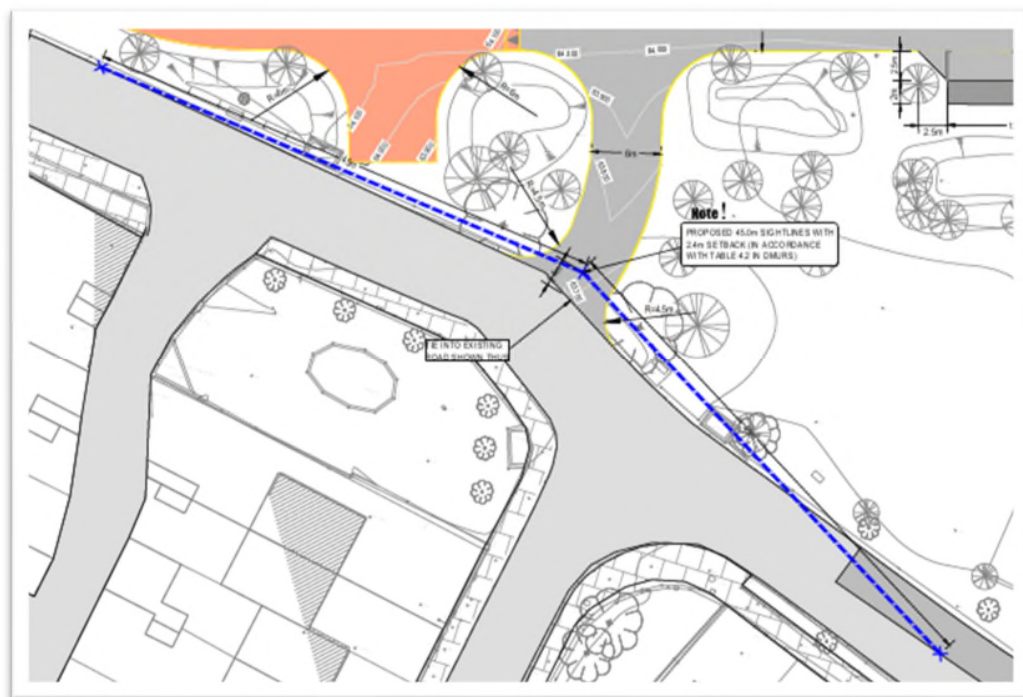
### 3.3 Problem

#### LOCATION

Drawing 2305-DOB-XX-SI-DR-C-0050S2 S2 P051, Sightlines.

#### PROBLEM

The sightlines shown are for a design speed of 50km/hr. This is a high speed for a residential area and could result in high severity collisions if a vulnerable road user is struck.



#### RECOMMENDATION

It is recommended that a 30km/hr speed limit be applied and that the visibility be adjusted accordingly.

## 4.0 Observations

### 4.1 Observation

The following were not provided to the Audit Team.

- Road markings and signage
- Drainage
- Lighting
- Kerb heights



## 5.0 Audit Statement

We certify that we have examined the site on the 6<sup>th</sup> of September 2023. The examination has been carried out with the sole purpose of identifying any aspects of the design which could be added, removed or modified in order to improve the safety of the scheme.

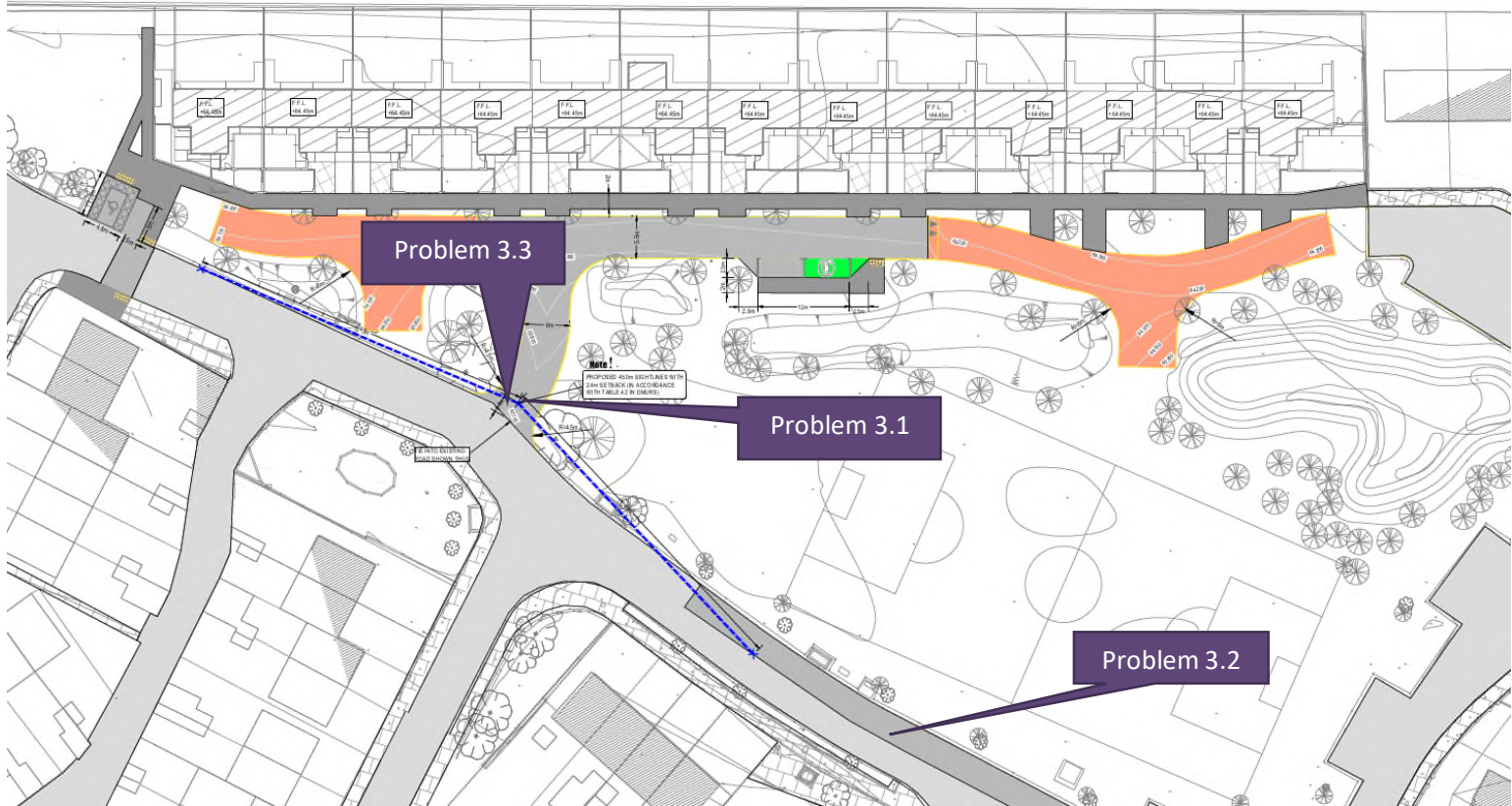
The problems identified have been noted in this report together with associated safety improvement suggestions which we would recommend should be studied for implementation. The audit has been carried out by the persons named below who have not been involved in any design work on this scheme as a member of the Design Team.

**Norman Bruton**                      Signed:   
**(Audit Team Leader)**              Dated: 26-11-2024

**Owen O'Reilly**                      Signed:   
**(Audit Team Member)**              Dated: 26-11-2024



Appendix A



## Appendix B

### Information Supplied to the Audit Team

- Drawing 2305-DOB-XX-SI-DR-C-0050-S2.P02\_Pr. Site Layout Plan Kerbs
- Drawing 2305-DOB-XX-SI-DR-C-0120-S2.P01\_Pr. Typ. Road Cross Sections
- Drawing 01\_LandscapeDesign\_Draft\_06.09.23
- Drawing 2305-DOB-XX-SI-DR-C-0020-S2.P03\_Pr.S W Drainage Layout
- Drawing 2305-DOB-XX-SI-DR-C-0030-S2.P02\_Pr. Wastewater Drainage Layout
- Drawing 2305-DOB-XX-SI-DR-C-0040-S2.P02\_Pr. Water Supply Layout
- Drawing 2305-DOB-XX-SI-DR-C-0050-S2.P01\_Pr. Site Layout
- Drawing A3 Dwg St Evins Monasterevin R1
- Calc St Evins Monasterevin R1

#### Updated drawings November 2024

- Drawing 2305-DOB-XX-SI-DR-C-0071-S2.P04\_Pr. Vehicle Autotracks - F\_T
- Drawing 2305-DOB-XX-SI-DR-C-0072-S2.P04\_Pr. Vehicle Autotracks - R\_V
- Drawing 2305-DOB-XX-SI-DR-C-0050-S2.P05\_Pr. Site Layout Plan
- Drawing 2305-DOB-XX-SI-DR-C-0070-S2.P04\_Pr. Vehicle Autotracks - 4x4


## Appendix C

### Feedback Form


**SAFETY AUDIT FORM – FEEDBACK ON AUDIT REPORT**

Scheme: St. Evin’s Monasterevin  
 Stage: 1&2 Road Safety Audit (update)  
 Date Audit (Site Visit) Completed: 6-9-2023

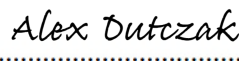
Paragraph No. in Safety Audit Report	Problem accepted (yes/no)	Recommended measure accepted (yes/no)	Alternative measures (describe)	Alternative measures accepted by Auditors (Yes/No)
3.1	Y	Y		
3.2	Y	Y		
3.3	Y	Y		

Signed.....  .....  
 Design Team Leader

Date...25.11.2024

Signed.....  .....  
 Audit Team Leader

Date..... 26-11-2024 .....

Signed.....  .....  
 Employer

Date..... 27.11.24 .....