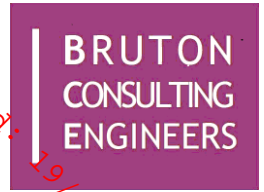


Received: 19/05/23



Title: **Stage 1&2 ROAD SAFETY AUDIT**
For;
Dunlo Hill Development, Ballinasloe, Co. Galway.

Client: **Galway Co. Co.**

Date: **May 2023**

Report reference: **1846R01**

VERSION: **FINAL**

Prepared By:

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1.0 Introduction

This report was prepared in response to a request from Mr. John Shannon, McKenna Consulting Engineers, for a Stage 1&2 Road Safety Audit of a proposed development at Dunlo Hill, Ballinasloe, Co. Galway on behalf of Galway County Council.

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. OO1291756

The Road Safety Audit involved the examination of drawings and other material provided by the Design Team and a site visit on the 29th of March 2023.

The weather at the time of the site visit was dry and the road surface was wet from previous rain.

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.

The information supplied to the Audit Team is listed in **Appendix A**.

The feedback form is contained in **Appendix B**.

A plan drawing showing the problem locations is contained in **Appendix C**.

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2.0 Background

It is proposed to construct a new residential development plus community space along the R446, Dunlo Hill, west of Dunlo Street in Ballinasloe. The existing derelict houses are to be replaced.

6no. parallel parking spaces are to be provided along with a set down area for emergency and refuse vehicles. The Dunlo Street junction is to have the left turning lane removed, tighter radius and hence slower turning speeds.

The speed limit is 50km/hr. Dunlo Hill is a bus route.

The site location is shown below.



Image courtesy of openstreetmap.org

3.0 Items Raised in This Stage 1&2 Road Safety Audit.

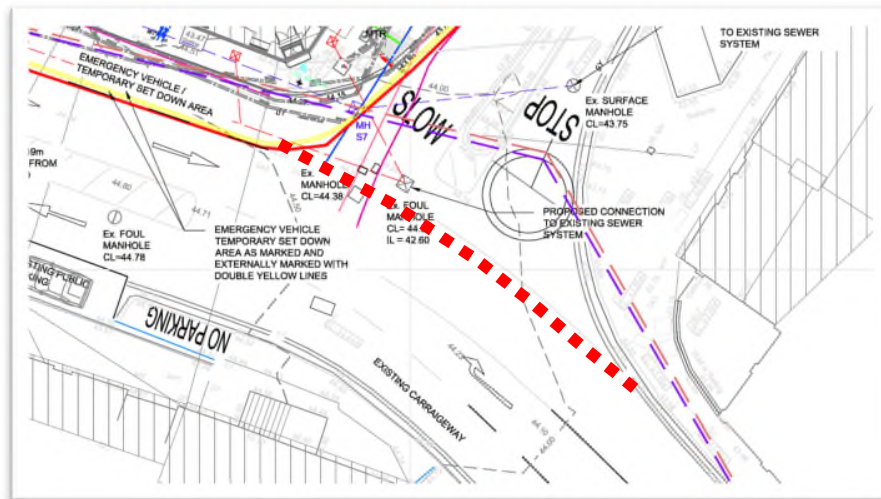
3.1 Problem

LOCATION

Drawing 2257/CE/002/PL, Dunlo Street Junction.

PROBLEM

The stop line is set very far behind the edge of the R446 through route. This makes the visibility to the left for drivers exiting Dunlo Street appear worse than it actually is. The stop line may be ignored by drivers who are familiar with the area leading to a less formal yield control junction.



RECOMMENDATION

It is recommended that the stop line be brought forward to close top the edge of the through carriageway/new double yellow line.

3.2 Problem

LOCATION

Drawing 2257/CE/002/PL, Dunlo Hill.

PROBLEM

It is unclear where the bus stop on the R446 will be relocated to. Without a suitable stopping place the mobility impaired may not be able to access the bus.

RECOMMENDATION

Ensure that alternative arrangements are provided for bus users.

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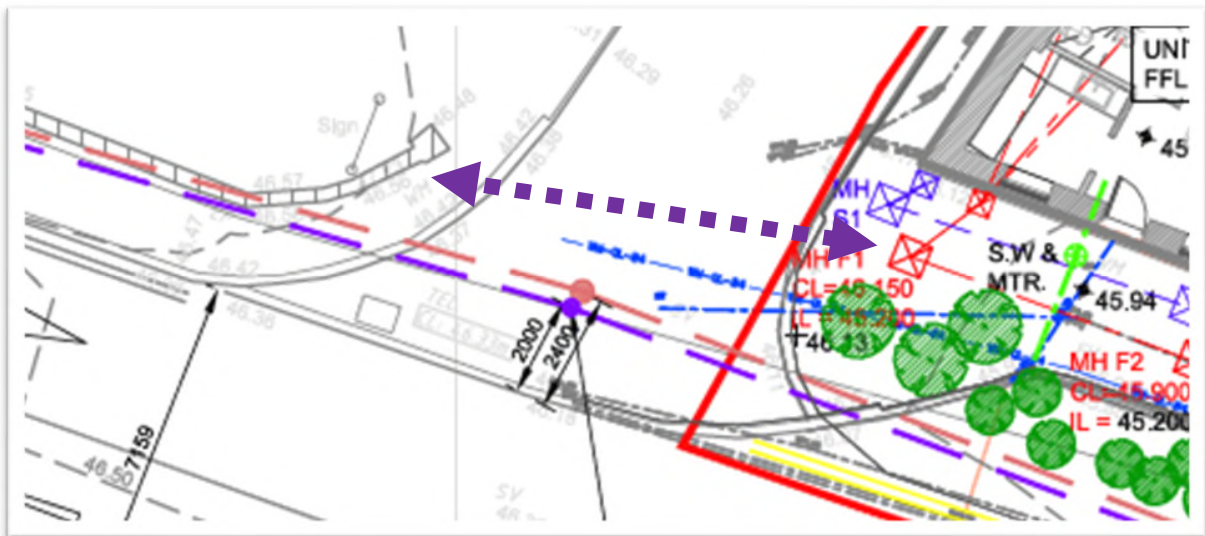
3.3 Problem

LOCATION

Drawing 2257/CE/002/PL, Dunlo Hill.

PROBLEM

Pedestrians crossing the Dunlo Hill access road to the west of the site may not have suitable crossing facilities which could lead to trips and falls.



RECOMMENDATION

Ensure that suitable dropped kerbs and tactile paving is provided.

4.0 Observations

4.1 Observation

Gullies should be provided upstream of any dropped kerbs.

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5.0 Audit Statement

We certify that we have examined the information provided and the site. The examination has been carried out with the sole purpose of identifying any features of the design which could be 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: Norman Bruton

(Audit Team Leader)

Dated: 5-5-2023

Owen O'Reilly

Signed: Owen O'Reilly

(Audit Team Member)

Dated: 5-5-2023

ST 1 & 2 RSA – DUNLO HILL
GALWAY CO. CO.

BRUTON
CONSULTING
ENGINEERS

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Appendix A

List of Material Supplied for this Road Safety Audit;

- Drawing 22257/CE/001/PL
- Drawing 22257/CE/002/PL
- Drawing OBFA-A-XX-DR-A-1034

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Appendix B

Feedback Form

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SAFETY AUDIT FORM – FEEDBACK ON AUDIT REPORT

Scheme: Dunlo Hill , Ballinasloe

Stage: 1&2 Road Safety Audit

Date Audit (Site Visit) Completed: 29-3-2023

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				
3.2				
3.3				

Signed.....

Date.....

Design Team Leader

Signed..... *Norman Broun*

Date.....5-5-2023.....

Audit Team Leader

Signed.....

Date.....

Employer/Developer

ST 1 & 2 RSA – DUNLO HILL
GALWAY CO. CO.

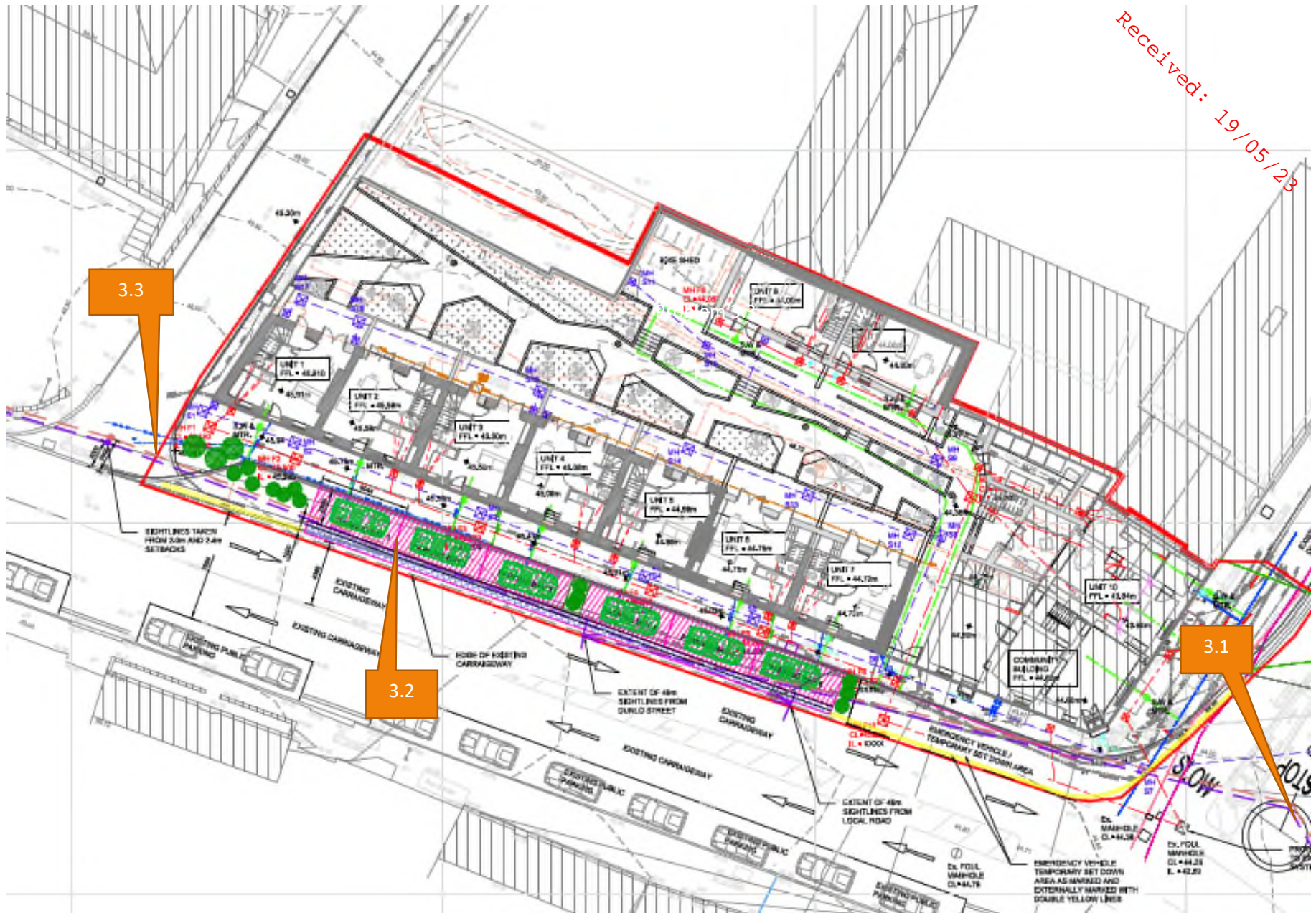


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Appendix C

Problem Location Plan.

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3.3

3.2

3.1

1
3.1.1

SAFETY AUDIT FORM – FEEDBACK ON AUDIT REPORT

Received: 19/05/23

Scheme: Dunlo Hill , Ballinasloe
Stage: 1&2 Road Safety Audit
Date Audit (Site Visit) Completed: 29-3-2023

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	yes	✓		
3.2	✓	✓		
3.3	yes	✓		

Signed.....
Design Team Leader

Date.....5/5/23

Signed.....
Audit Team Leader

Date.....5-5-2023.....

Signed.....
Employer/Developer

Date.....05-05-23