

6 NON-STATUTORY CONSULTATION

6.1 INTRODUCTION

A process of non-statutory public consultation has been undertaken since the inception of the proposed road project and has developed in line with the project progression, as is described in **Chapter 3: Description of the Proposed Road Development**. **Section 6.2** of this chapter sets out that process as it has been undertaken to date.

This chapter describes these different elements of consultation in three sections; **Section 6.3** describes consultation carried out prior to 2014 which relates to a slightly different scheme as described in **Chapter 4: Outline of Alternatives**. **Section 6.4** relates to the current project proposals and describes the most recent consultation since RPS was appointed in 2014. Ongoing consultation activities associated with the statutory processes for the proposed M28 Road Project are also outlined in **Section 6.4**. **Section 6.5** outlines the process undertaken during the informal EIS scoping.

Consultation forms an essential part in the preparation of an EIS. The early involvement of the public and other stakeholders helps to ensure that the views of various groups or individuals are taken into consideration throughout the preparation of this EIS. **Section 6.6** provides an overview of some of the key changes to the project which were influenced by the consultation process.

6.2 CONSULTATION PROCESS

The overall aim of the consultation process was to:-

- Engage stakeholders and the public as early as possible on the project and encourage feedback;
- Provide a process for members of the public to participate in the project;
- Seek input from the public and from relevant stakeholders with respect to the route options proposed;
- Identify alternative solutions where feasible;
- Identify measures to reduce impacts during the construction phase;
- Provide opportunities for the public and stakeholders to provide information with respect to the potential impacts that could arise as a result of implementing the project; and
- Keep the public informed of the project as it progresses throughout the different stages.

6.3 NON-STATUTORY CONSULTATION IN RELATION TO THE PREVIOUS SCHEME/PROJECT

Prior to 2014, a number of public consultations and exhibitions were held by Cork County Council and Halcrow Barry including consultation on constraints, route options and the preferred route at the time. Meetings were also held with individually affected landowners to keep them appraised and to involve them in the planning process. Public consultations were held at the following key stages:-

- Constraints Stage September 2002 - Rochestown Park Hotel, Carrigaline Court Hotel and Ringaskiddy Community Centre;

- Route Corridor Option Stage May 2003 - Carrigaline Court Hotel;
- Emerging Preferred Route Corridor December 2004 - Carrigaline Court Hotel; and
- Amended Emerging Preferred Route Corridor March 2008 - Carrigaline Court Hotel.

6.4 NON-STATUTORY CONSULTATION FOR THE PROPOSED M28 ROAD PROJECT

6.4.1 Preferred Route Corridor Public Consultation, 2014

In 2014, RPS was commissioned by CCC to reassess all previous studies undertaken on the proposed M28 Road Project. As part of this, RPS identified and presented the proposed revised route which was considered the most suitable to meet the project objectives. A public exhibition (Preferred Route Corridor - Public Display) was undertaken on 15th December, 2014 in the Carrigaline Court Hotel to engage stakeholders in the area and inform them of the new alignment. One hundred and thirty seven stakeholders attended the open day and signed the attendance register, while additional stakeholders also attended but did not sign the register.

6.4.2 Public Consultation, Carr's Hill Interchange, 2015

In November 2015, a dedicated consultation day was organised by the Project Team to liaise with the public and, in particular, those affected by changes to the proposed road project in the vicinity of Bloomfield Interchange and Carr's Hill. The purpose of this public consultation was to inform local residents of proposed changes to the proposed road in the vicinity of Bloomfield Interchange and Carr's Hill in comparison to earlier published options. This open day took place on 9th November, 2015 in Maryborough House Hotel and was attended by over six hundred members of the public. A copy of the Consultation Report prepared following receipt of submissions is available on the project website <http://www.n28cork-ringaskiddy.com/> (See **Section 6.4.7**). In advance of the open day, the Elected Representatives were briefed at a full Council Meeting in County Hall on 16th October 2015.

6.4.3 Preferred Route Alignment including Revised Junction Strategy, Public Consultation, 2016

The junction strategy was revisited as a result of the feedback received during the 2014 and 2015 consultation phase and the resulting *Preferred Route Alignment including Revised Junction Strategy* put on public display in April, 2016. As part of this public consultation, the Project Team also presented the location of the proposed Service Area (SA). Public consultation was held at the following locations between 2:00pm to 8:00pm:-

- Maryborough House Hotel on Monday, 4th April; and
- Carrigaline Court Hotel on Tuesday, 5th April.

A total of three hundred and fifty people signed-in on 4th April with a further three hundred and fifty eight signing-in on April 5th. **Plate 6.1** provides an illustration of the public consultation event in April, 2016.

6.4.4 Preferred Route Alignment including Draft CPO, Noise Barrier and proposed Landscaping

The study team presented the final route alignment including the CPO line, proposed noise barriers and landscaping to the public in the form of a Public Display at Carrigaline Court Hotel on 11th April 2017. Approximately four hundred and thirty people attended the event. The purpose of the public display was to inform the public of the proposals that would be included in the planning application/EIS and the timeframes and process for making submissions.

6.4.5 Summary of the Key Issues Raised

The issues raised through public consultation were recorded and are presented in Consultation Reports included in **Appendix 6A**. There are two consultation reports in total and these are also available on the project website. The concerns raised are summarised below in **Table 6.1** and are addressed throughout relevant chapters in the EIS. **Chapter 4: Outline of Alternatives** demonstrates how the public consultation influenced the design particularly in the areas of Carr's Hill, Mount Oval, Maryborough Ridge and the Old Post Office Road.

Table 6.1: Summary of Key Issues Raised

Issue	Chapter where Issue is Addressed
Capacity of the Bloomfield Interchange and N40	Chapter 5: Traffic and Transportation
Timeframe and funding	Chapter 1: Introduction and Need for the Proposed Road Development Chapter 3: Description of Proposed Road Development
Noise and air emissions	Chapter 13: Air and Climatic Factors Chapter 14: Noise and Vibration Health Study - Appendix 1C
Impacts to local communities	Chapter 7: Socio Economic and Community Chapter 13: Air and Climatic Factors Chapter 14: Noise and Vibration Health Study - Appendix 1C
Closure of existing on ramps and off ramps	Chapter 5: Traffic and Transportation Chapter 7: Socio Economic and Community
Construction impacts	All
Closure of existing on ramps and off ramps	Chapter 5: Traffic and Transportation Chapter 7: Socio Economic and Community
Capacity of the Bloomfield Interchange and N40	Chapter 5: Traffic and Transportation
Sustainable development and public transport catering for future growth	Chapter 1: Introduction and Need for the Proposed Road Development Chapter 3: Description of Proposed Road Development Chapter 5: Traffic and Transportation
Motorway designation and the Port at Ringaskiddy	Chapter 5: Traffic and Transportation
Non-motorway users and signage	Chapter 5: Traffic and Transportation

Issue	Chapter where Issue is Addressed
Port of Cork Relocation	Chapter 5: Traffic and Transportation
Safety Barriers and Speed limits	Chapter 5: Traffic and Transportation
Loss of trees in the Mulcon Valley	Chapter 12: Terrestrial Ecology Chapter 16: Landscape and Visual
Anti-Social Behaviour	Chapter 7: Socio Economic and Community
Ballinrea Road	Chapter 5: Traffic and Transportation
Barnahely, Shannonpark, Loughbeg and Shanbally Roundabouts	Chapter 4: Outline of Alternatives Chapter 5: Traffic and Transportation
Old Post Office Road and Ringaskiddy Lower Harbour National School	Chapter 7: Socio Economic and Community Chapter 5: Traffic and Transportation
Closure of Cogan's Road (L6472)	Chapter 5: Traffic and Transportation
Service Area	Chapter 5: Traffic and Transportation
The Need to upgrade the road to Motorway Standard	Chapter 1: Introduction and Need for the Proposed Road Development Chapter 5: Traffic and Transportation

Outside of the formal consultation period a number of meetings took place with the following groups as summarised in **Table 6.2**.

Table 6.2: Summary of Key Issues Raised

Interest Groups	Correspondence Type and Date	Summary of Key Issues
Raffeen Quarry Local Interest Group	Written correspondence 04.10.2016	Written correspondence received from group of individuals with an interest in Raffeen Quarry. The correspondence outline the ecological value of Raffeen Quarry which includes habitats and species of conservation concern in addition to Pennyroyal <i>Mentha pulegium</i> a species protected on the Flora Protection Order (2015). This group regard the quarry as a valuable educational and recreational asset.
Raffeen Quarry Local Interest Group	Meeting Carrigaline Court Hotel 15.03.2017	Members of the group met with the Project Team and provided an overview of ecological features of Raffeen Quarry and expressed a preference for routing the M28 through the Fernhill Golf & Country Club over the quarry. The group also noted that the quarry should be restored to provide a unique wildlife area for the Cork Region.
IDA	Meeting – Rossa Avenue on 13.06.14 Meeting – Rossa Avenue on 14.11.14 Meeting – Rossa Avenue on 19.03.15 Meeting – NRDO Office on 04.08.16 Meeting – IDA Dublin on 08.02.17	These meetings presented an opportunity for the Project Team to keep the IDA informed of project progress and programme to construction. This project is of vital importance to the IDA as they own a significant amount of land in the Shanbally & Ringaskiddy areas to which vehicular access is currently as issue for concern. The IDA sees the proposed road project as a vital piece of infrastructure to ensure continued investment by the pharmaceutical industry in the region.

Interest Groups	Correspondence Type and Date	Summary of Key Issues
Cork Chamber of Commerce	Meeting – Cork Chamber Offices, Summerhill North on 15.02.17	At this meeting the Cork Chamber were given an overview of the proposed road project and there was a discussion about the various concerns that residents at the northern end of the project have. Further to the meeting there was a written response in relation to queries about air quality, noise levels, traffic congestion, etc.
Biological and Life Science (pharma)	Meeting – Janssen Biologics on 15.01.15 Meeting – County Hall on 15.12.16 Meeting – DePuy Synthes on 28.02.17	These meetings presented an opportunity for the Project Team to keep the pharmaceutical companies in Shanbally & Ringaskiddy informed of progress and programme to construction. The issues that are of concern to the local community, with whom the pharmaceutical companies have a good relationship, were also discussed at length.

6.4.6 Public Awareness

CCC raised awareness of the Preferred Route Alignment including Junction Strategy Public Consultation in the following ways:-

- Inviting Elected Officials to a briefing on April 4th 2016 and April 11th 2017 immediately prior to the Public Consultation events;
- Publishing information on the dedicated project website (<http://www.n28cork-ringaskiddy.com/>);
- Advertising the public consultation on local newspapers and radio; and
- Sending emails to extensive contacts list of approximately one thousand and thirty six individuals, formed during previous consultations.

Plate 6.1: Public Display Board April, 2016



6.4.7 Website

Access to up-to-date, accurate and reliable information about the M28 Cork to Ringaskiddy Project is considered essential to ensuring good consultation can occur. To aid the consultation process a stand-alone website was set up:-

<http://www.n28cork-ringaskiddy.com/>

This website enables the public to access (at any time) up-to-date information on the consultation process, the proposed road project and the overall project programme. It has a facility allowing submissions to be made online as well as providing a postal address for anybody who wishes to submit a hard copy.

6.4.8 Consultation with Elected Members

Elected Representatives were invited to attend briefing sessions:-

- Monday, 15th December, 2014 at Carrigaline Court Hotel in advance of the Preferred Route Corridor Public Display later on the same day;
- Friday, 16th October, 2015 at County Hall in advance of the Carr's Hill Interchange Public Consultation on 9th November, 2015;
- Monday, 4th April, 2016 at Maryborough Hotel in advance of the Preferred Route Alignment Public Consultation on 4th and 5th April, 2016; and
- Tuesday, 11th April, 2017 at Carrigaline Court Hotel in advance of the Public Display of the proposed M28 Road Project and CPO.

6.4.9 Additional Consultations

A number of landowners, residents, residents groups, business groups and interested parties have met with CCC and their consultants to discuss the proposals as they pertain to their area of interest. The formal consultation questionnaires have also been supplemented by a number of additional submissions received by the Project Team from members of the public.

The majority of these submissions related to the potential impact on individual properties along its route and to the impact on communities and community facilities.

Members of the Project Team met with each landowner who was directly and significantly impacted where contactable, and the potential impact of landtake was discussed. Where feasible, adjustment of the alignment to minimise impact on landtake was accommodated within design development.

Following a request from the Maryborough Hill and Rochestown Residents Association, members of the Project Team attended a meeting with them on 10th August 2016 in County Hall. A number of Elected Representatives were also in attendance. Issues included:-

- Increase in traffic volume and congestion;
- Road safety;

- Noise pollution;
- Air pollution;
- Impact on health and quality of life;
- Stripping back of trees and woodland;
- Irreversible damage to current landscape;
- Devaluation of property; and
- Solutions to meet the needs of the Port of Cork and residents along the existing N28.

A Health Expert was appointed to address the potential health concerns raised.

On 4th April 2017, the Project Team met with and presented to the Maryborough Hill and Rochestown Residents Association and the Ringaskiddy Residents Group in the County Hall. The purpose of this meeting was to provide feedback to the groups on concerns raised to date and to provide an overview of the proposed M28 Road Project to be submitted for planning.

6.5 NON-STATUTORY/INFORMAL EIS SCOPING

6.5.1 Statutory Bodies and Non Statutory Organisations

Informal consultation with statutory and non-statutory organisations has taken place throughout the various project stages. Consultation with the various parties listed in **Table 6.3** (refer to **Appendix 6B** for responses) took the form of one or all of the following:-

- Letter and indicative mapping of route options at route selection stage;
- Letter and indicative mapping of the preferred alignment during preparation of the EIS;
- Letter and copy of Scoping Report (**Appendix 1B**) during preparation of EIS and;
- Consultative meetings.

Table 6.3: Responses to Informal EIS Scoping

M28 Cork to Ringaskiddy Project EIA Scoping Response Summary Table				
Organisation	Date	Form of Consultation	Responses and Key Issues Raised by Consultees	Relevant Chapter
Bat Conservation Ireland	04.03.2015	Email	<ul style="list-style-type: none"> ▪ Highlight the seriousness of bat decline across Europe and resulting associated legislation and conservation programmes to stabilise population numbers. ▪ Note that consideration should be given to the following: protection of bats and bat roosts under the Wildlife Act 1976 and 2000, the Habitats Directive 1992 (EEC 92/43), the SEA Directive 2001/42/EC and the National Biodiversity Plan. ▪ Identify a number of pressures on Irish bat species i.e. removal of hedges and scrub, bridge repairs, water pollution, renovation of buildings, alterations to aquatic systems and bank vegetation, roads etc. ▪ Request to follow TII? NRA Guidelines in relation to a four season bat survey. ▪ Recommendation to apply for bat records from national database. 	Chapter 12: Terrestrial Ecology
Cork County Council 1,200mm Harbour and City Watermain Other watermains	06.05.15, 09.06.15, 16.10.15, 24.11.16 and 08.05.17	Meetings	<p>Meetings, to discuss conflicts with the 1,200mm Harbour and City watermain and agree mitigation measures, have taken place with CCC on 06.05.15, 09.06.15, 16.10.15 and 24.11.16. In addition, extensive liaison has taken place via email, phone etc.</p> <p>A meeting to discuss conflicts with watermains, other than the 1,200mm Harbour & City Watermain took place on 08.05.17</p>	Chapter 17: Material Assets
Irish Water	13.04.17	Meeting	A meeting with Irish Water, to discuss conflicts and agree mitigation measures, took place on 13.04.17.	Chapter 17: Material Assets
	13.04.17	Email	Information, incl. geometric design drawings, site investigation data etc. was issued to Irish Water immediately after the meeting on 13.04.17	
Department of Communications, Energy and Natural Resources (DCENR)	23.02.2015	Email	Acknowledgement only.	

M28 Cork to Ringaskiddy Project EIA Scoping Response Summary Table				
Organisation	Date	Form of Consultation	Responses and Key Issues Raised by Consultees	Relevant Chapter
Department of Arts, Heritage and the Gaeltacht (DAHG)	17.02.2015	Email	Acknowledgement only.	Chapter 12: Terrestrial Ecology
	18.02.2015	Email	Acknowledgement only.	
	19.02.2015	Email	Acknowledgement and request to correspond by email only. Meetings took place with the NPWS Regional and local Ecologists as outlined below.	
	28.02.2017	Meeting	Meeting to present and discuss the findings of the archaeological and architectural heritage assessment. Items discussed included severance at Barnahely Castle and the structural integrity of the Castle. DAHG requested a structural assessment of Barnahely Castle to address potential vibration impacts and that the team undertake consultation with the local authority heritage department.	Chapter 15: Cultural Heritage (including Archaeology and Architectural Heritage)
	09.04.2015	Email	Requested the following key potential ecological factors which to be addressed in the NIS and EIS: <ul style="list-style-type: none"> (1) NIS: Effects on feeding Curlew and other waders (to which the conservation objectives of Cork Harbour SPA apply), including potential fragmentation of feeding habitats; (2) NIS: Effects of noise and disturbance on roosting birds in Lough Beg (to which the conservation objectives of Cork Harbour SPA apply), with an assessment of any necessary mitigation options, and including effects in-combination with the industrial zoning in the Carrigaline Electoral Area Local Area Plan, 2015 (Second Edition); (3) EIS: Direct effects on breeding sites and resting places of otters; (4) EIS: Effects of road fragmentation on otter territories, prey sources, traffic mortality and breeding success of otters; (5) EIS: Effects of construction disturbance and operational disturbance (including any cyclist and pedestrian use) on otter use of rivers; (6) EIS: Effects of felling of old trees on roosts (breeding sites and resting sites) of Leisler's bats; (7) EIS: Effects of fragmentation of bat foraging habitat; (8) EIS: Direct effects on badger breeding sites and resting places; (9) EIS: Effects of fragmentation on badgers, and an assessment of badger 	Chapter 12: Terrestrial Ecology

M28 Cork to Ringaskiddy Project EIA Scoping Response Summary Table				
Organisation	Date	Form of Consultation	Responses and Key Issues Raised by Consultees	Relevant Chapter
			<p>mortality including mitigation with underpasses, etc.</p> <p>(10) EIS: Effects on Peregrine Falcon breeding sites;</p> <p>(11) EIS: Effects on limestone flora and invertebrate fauna of conservation importance in limestone rock areas (a botanical survey during the flowering season is recommended);</p> <p>(12) EIS: Effects on Barn Owl traffic mortality;</p> <p>(13) EIS: Effects on habitat of red-listed bird species, in particular yellowhammer.</p> <p>(14) EIS: Likelihood of introduction of invasive plant species (especially Japanese knotweed and Himalayan balsam), and mitigation measures to avoid their establishment.</p>	
NPWS	11.06.2014	Meeting	<p>A meeting was held with the EIS Project Manager and members of the NPWS to discuss potential impacts on Ecological Receptors in the vicinity of the proposed route. NPWS requested the following:-</p> <ul style="list-style-type: none"> ▪ A winter bird survey to determine Curlew feeding patterns; ▪ EIS to address impacts to Peregrine Falcon at the Quarry; ▪ EIS to address impacts to Barn Owls; and ▪ EIS to address impacts due to habitat fragmentation. <p>A copy of the wintering bird report was issued by RPS to the NPWS on the 18.05.2016.</p>	Chapter 12: Terrestrial Ecology and NIS
	18.02.2015	Email	<p>Based on the Carr's Hill Interchange proposals advise that it is likely that the Department (DAHG) will recommend otter and bat surveys of the entire Donnybrook Stream.</p>	Chapter 10: Aquatic Ecology Chapter 12: Terrestrial Ecology
	16.01.2017	Meeting	<p>A meeting was held with the EIS Project Manager, Cork County Council Representative and the Ecologist and members of the NPWS to discuss the route, results of surveys undertaken and the key findings. The following key items were raised by the NPWS:-</p> <ul style="list-style-type: none"> ▪ EIS to ensure badger mitigation does not result in risk to badger population from TB; 	Chapter 12: Terrestrial Ecology and NIS

M28 Cork to Ringaskiddy Project EIA Scoping Response Summary Table				
Organisation	Date	Form of Consultation	Responses and Key Issues Raised by Consultees	Relevant Chapter
			<ul style="list-style-type: none"> ▪ EIS to ensure underpasses are provided at appropriate time (i.e., pre-main construction activity); ▪ EIS to address impacts to Barn Owls and Yellowhammer; ▪ EIS to address impacts to bats in all seasons; and ▪ EIS to provide mitigation for Peregrine Falcon at the Quarry. <p>The meeting also discussed the previous route option and the ecological impacts of the new route v the previous route. NPWS noted that moving the route should not solely be based on ecological grounds. EIS Project Manager advised that the route was moved for a number of reasons as outlined in Chapter 4: Outline of Alternatives.</p> <p>The meeting also addressed issues at Raffeen Quarry under its current planning condition including the presence of Pennyroyal.</p>	
Environmental Protection Agency (EPA)	23.02.2015	Email	Acknowledgement only.	
ESB International 110kV and 220kV	14.08.14, 29.01.15, 19.06.15, 04.03.16, 22.04.16, 23.11.16 15.02.17	Meetings	Meetings, to discuss conflicts and agree mitigation measures, have taken place with ESB International on 14.08.14, 29.01.15, 19.06.15, 04.03.16, 22.04.16, 23.11.16 and 15.02.17. In addition, extensive liaison has taken place via email, phone, etc.	Chapter 3: Description of the Proposed Road Development Chapter 17: Material Assets Chapter 16: Landscape and Visual Chapter 12: Terrestrial Ecology
EirGrid	14.07.16	Meetings	A meeting with EirGrid, to discuss conflicts and agree mitigation measures, took place on 14.07.16. In addition, extensive liaison has taken place via email, phone, etc.	Chapter 3: Description of the Proposed Road Development Chapter 17: Material Assets Chapter 16: Landscape and Visual Chapter 12: Terrestrial Ecology

M28 Cork to Ringaskiddy Project EIA Scoping Response Summary Table				
Organisation	Date	Form of Consultation	Responses and Key Issues Raised by Consultees	Relevant Chapter
Eir	27.04.2017 28.04.2017	Meetings	Meetings with Eir, to discuss conflicts and agree mitigation measures, took place on 27.04.17 and 28.04.17. In addition, extensive liaison has taken place via email, phone, etc.	Chapter 17: Material Assets
Electricity Supply Board (ESB) Networks 38kV, MV and LV	17.02.2015	Email	Acknowledgement only.	Chapter 17: Material Assets
	18.02.2015	Email	Acknowledgment only.	
	23.02.2015	Email	Request to make contact again later in the process when the Project Team is at detailed design stage. Attached a drawing of possible conflicts with MV/LV networks.	
	25.08.2015 19.10.2015 23.11.2016 08.03.2017	Meetings	Meetings, to discuss conflicts and agree mitigation measures, have taken place with ESB Networks on 25.08.15, 19.10.15, 23.11.16 and 08.03.17. In addition, extensive liaison has taken place via email, phone, etc.	
Fáilte Ireland	18.02.2015	Email	Impacts in respect to tourism should refer to the Fáilte Ireland Guidelines for the treatment of tourism in the EIS.	Chapter 7: Socio-Economic and Community
Gas Networks Ireland (GNI)	17.02.2015	Email	Acknowledgment only.	Chapter 17: Material Assets
	17.02.2015	Email	Acknowledgment only.	
	20.02.2015	Email	<ul style="list-style-type: none"> ▪ Provided two attachments including a drawing of known gas lines in the study area, and the other a Gas Networks Safety Advice Booklet. ▪ Advised that the information provided in relation to the location of pipe lines cannot be relied upon as being accurate. Advised that trial holes should be undertaken before major excavations take place. ▪ Advised that all work must comply with the HSA publication '<i>Code of Practice for Avoiding Danger from Underground Services</i>'. ▪ Advised that where Aurora Telecom data is present, relevant contacts should be referred to. ▪ Advised that all Ordnance Survey Information should be obtained directly if required and not by GNI who have no right or entitlement to the information. 	

M28 Cork to Ringaskiddy Project EIA Scoping Response Summary Table				
Organisation	Date	Form of Consultation	Responses and Key Issues Raised by Consultees	Relevant Chapter
	04.09.2014 30.01.2015 22.06.2015 19.10.2015 01.02.2017	Meetings	<ul style="list-style-type: none"> Meetings, to discuss conflicts and agree mitigation measures, have taken place with GNI on 04.09.14, 30.01.15, 22.06.15, 19.10.15 and 01.02.17. In addition, extensive liaison has taken place via email, phone, etc. 	Chapter 17: Material Assets
Enet	24.11.2016 03.03.2017	Meeting	<ul style="list-style-type: none"> Meetings, to discuss conflicts and agree mitigation measures. 	Chapter 17: Material Assets
Geological Survey of Ireland (GSI)	13.03.2015	Email	<ul style="list-style-type: none"> Agree with the key issues and information sources referenced in the EIA scoping report. Recommend that reference should be made to the GSI website www.gsi.ie/mapping for information in relation to datasets across many related headings, specifically soils, geology, hydrogeology, hydrology, and geological heritage. Request that if any significant bedrock cuttings should be created, these should be designed to remain visible as rock exposure. 	Chapter 9: Hydrology and Drainage Chapter 11: Soils, Geology and Hydrogeology Chapter 16: Landscape and Visual
South Lee Environment Health (HSE)	23.02.2015	Letter	<ul style="list-style-type: none"> Recommend that the location of sensitive occupied premises are identified, that the impacts on persons within these premises, as well as mitigation measures to remedy any adverse effects are included in the Socio-economic and community. Recommended that an assessment of increased vibration levels on sensitive premises during the construction phase, predicted increased traffic levels, and construction mitigation measures to address adverse vibration impacts on sensitive locations all be included in the Noise and Vibration chapter. Recommended that the EIS should consider the impacts from construction activities on air quality and identify any mitigation measures to ensure that dust nuisance is avoided. Recommended that road run-off treatment is considered in the EIS and mitigation measures are in place to protect groundwater from contamination during construction and from traffic flow. 	Chapter 7: Socio-Economic and Community. Chapter 13: Air and Climatic Factors Chapter 14: Noise and Vibration

M28 Cork to Ringaskiddy Project EIA Scoping Response Summary Table				
Organisation	Date	Form of Consultation	Responses and Key Issues Raised by Consultees	Relevant Chapter
Health Service Executive (HSE)	24.03.2017	Letter	Provided feedback on the scope of the health study as outlined in the Health Study Scoping Statement issued by RPS. The Health Study Scoping Statement is included in Appendix 1B . Key issues identified included air and noise pollution, quality of life, vibration, pollution of groundwater and surface water, quality of life, social interaction and community severance and employment.	Chapter 7: Socio-Economic and Community. Chapter 9: Hydrology and Drainage Chapter 13: Air and Climatic Factors Chapter 14: Noise and Vibration Appendix 1C: Health Study
Inland Fisheries Ireland (IFI)	19.02.2015	Email	Acknowledgement only.	Chapter 9: Hydrology and Drainage Chapter 10: Aquatic Ecology
	24.02.2015	Email	In relation to road proposals at Carr's Hill recommend conducting an electrofishing survey and asked to revert with the results. Advised that if fish are present in the stream the design as proposed in relation to the culverting is unsatisfactory and requested an alternative approach as per an attached sketch (diverting Donnybrook Stream to the west of proposed roadway and provision of one culvert to the south of the interchange) and having a meeting to discuss alternative design details.	
	02.03.2015	Email	<ul style="list-style-type: none"> ▪ Advised that based on available information at the time, the preferred route option has potential to interfere with both the Donnybrook and Glounatouig streams and tributaries. ▪ Recommend electrofishing survey in both streams and to revert to IFI with survey results. ▪ In relation to the Donnybrook Stream advise that Carr's Hill Interchange proposals are far from satisfactory and if fish are deemed to be present suggests an alternative proposal (as per previous email) and requested a meeting to discuss detailed design and timing of works. ▪ In the case of the Glounatouig Stream and its tributaries, advise that the information as submitted is not detailed enough to assess impacts and therefore request to revert when greater footprint information is available. ▪ Recommended in all cases that any instream works or works liable to 	

M28 Cork to Ringaskiddy Project EIA Scoping Response Summary Table				
Organisation	Date	Form of Consultation	Responses and Key Issues Raised by Consultees	Relevant Chapter
			increase the suspended solids level of a waterbody above ambient level should be limited to the period of May to September.	
	02.11.2015	Email	<ul style="list-style-type: none"> ▪ Advised that the Donnybrook Stream upstream of “Carr’s Hill Underbridge” should be diverted at a right angle and then carried in open channel (newly constructed to fishery design spec) to the west of the proposed new carriageway. This would minimise the impact. ▪ Noted that the new road appears to avoid the Glounatouig Stream with the exception of a crossing over a tributary (Site 4) which has limited fisheries potential upstream of the crossing point. 	Chapter 9: Hydrology and Drainage Chapter 10: Aquatic Ecology
	03.05.2017	Meeting	<ul style="list-style-type: none"> ▪ The meeting focused on the drainage design and further requirements for consultation with IFI in the event that planning is granted. 	Chapter 9: Hydrology and Drainage Chapter 10: Aquatic Ecology
Office of Public Works (OPW)	17.02.2015	Email	Acknowledgement only.	
South West River Basin District (SWRBD)	20.02.2015	Email	Advised the EPA should be consulted in respect of the matter.	Chapter 10: Aquatic Ecology
Cork County Council Conservation and Heritage Officers	28.03.2017	Meeting	The meeting largely focussed on potential impacts to Castle Warren and the findings of the EIS. Mitigation measures and opportunities for the conservation of Castle Warren were also discussed.	Chapter 15: Cultural Heritage (including Archaeology and Architectural Heritage)

6.5.2 Consultation with An Bord Pleanála

A pre-application statutory process was held with An Bord Pleanála (ABP) relating to the proposed M28 Road Project. This occurred over a series of three pre-application consultation meetings between July 2015 and January 2017 on the dates listed below:-

- 24th of July 2015;
- 17th of November 2016; and
- 12th of January 2017.

Copies of the written records from the meetings are included in **Appendix 6C**.

6.6 SUMMARY OF HOW CONSULTATION INFLUENCED THE PROPOSED M28 ROAD PROJECT

The consultation process has helped shape the proposed M28 Road Project now being presented to ABP. Key changes to the project design that have resulted from the consultation process are summarised below:-

- Revised Junction Strategy at Carr's Hill Interchange;
- Upgrade of Mount Oval Diverge;
- Assessment of Strategic Alternatives in the wider area;
- Assessment of options at Old Post Office Road resulting in a revised vertical alignment at Old Post Office Road to accommodate pedestrian/cyclist underpass;
- Inclusion of a section of local road improvement in mitigation for vehicular closure of Old Post Office Road and resolution of local flooding issue;
- Engagement of a Human Health Expert to undertake a Health Study to address concerns of air pollutants and noise;
- Landscaping and planting to ensure provision of screening at appropriate locations;
- Development of landscape and planting proposals taking into account key areas of concern highlighted by the public;
- Revised design of culvert at Donnybrook Stream to accommodate fish passage;
- Signalised junction to address traffic issues on Rochestown Road;
- Proposal to improve Clarke's Hill by CCC as a separate project; and
- Revised horizontal alignment on approach to Shannonpark resulting in reduced severance impact to landowner and reduced earthwork requirements.