

Session 2 : AMS Updates and Road Schedule

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Local Authority Road Schedules

Statutory, Asset Management and Data Implications

Session 2 : AMS Updates and Road Schedule

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Road Schedule 'Lore'



- ☐ Classification of national, regional and local roads.
- ☐ ...Minister may by order classify....(N & R)
- ☐ ...shall assign a number or other identifying mark
- ☐ ...road authority shall keep a schedule and map
- ☐ ...may be kept otherwise than in a legible form
- ☐ ...schedule and map as soon as practicable after the commencement of this section



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Road Schedule Evolution

5. From end of county road No. 170 at Effishmore to end of Crooked Tree bog road. (Distance 160 perches)
6. From end of County road No. 230 at Glenagannon to Charles Mooney's turf bank. (Distance 410 perches)
7. From county road No. 304 at Meenaoiln East to Joseph Cunningham's turf bank and west to James Diver's turf bank. (Distance 375 perches)
8. From county road No. 306 at Meenahonor to James Callaghan's turf bank and also branch to 'Paddy the Mans' brook. (Distance 305 perches)

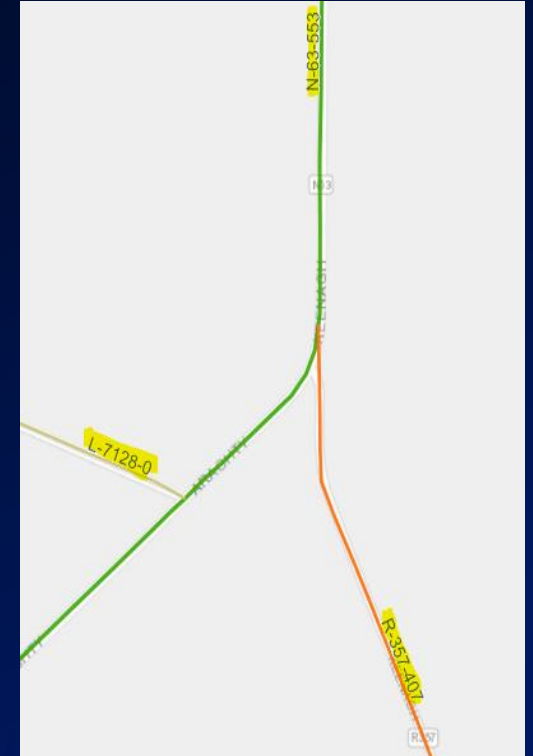
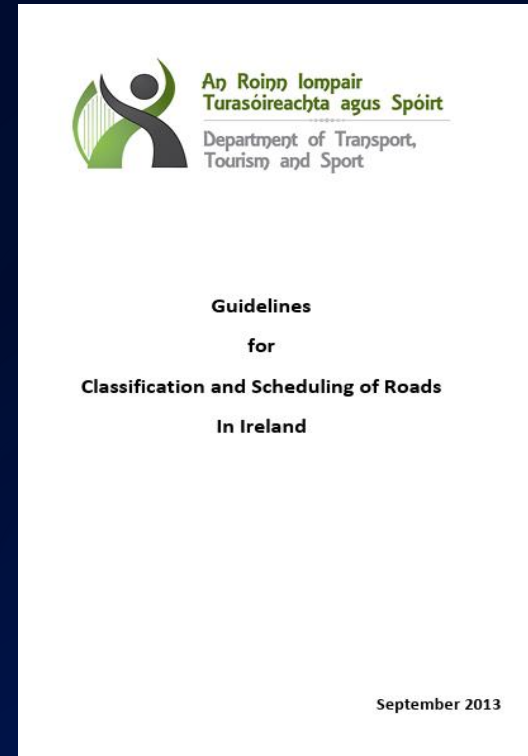


Pre '93

- ❖ “Paddy the Man’s Brook”

Post '93

- ❖ Dusty Books?
- ❖ Digitisation
- ❖ MapRoad AMS



2013 DoT Guidelines

- ☐ Standard Numbering System
- ☐ Segments & Nodes
- ☐ Standard specification of road segment information recorded

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Why does your Local Authority need to maintain an accurate record of public roads?

What are the implications for your Local Authority if you DON'T?

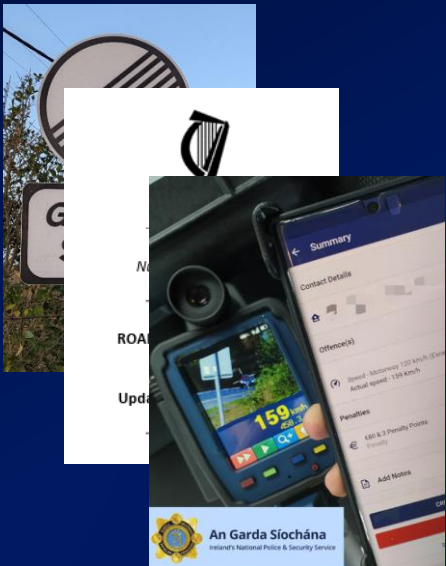
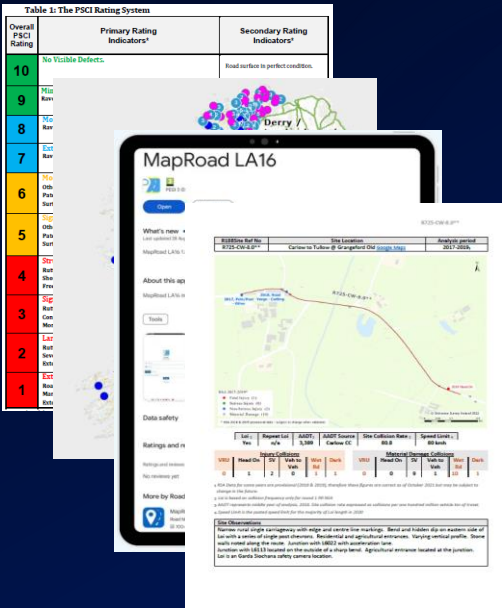
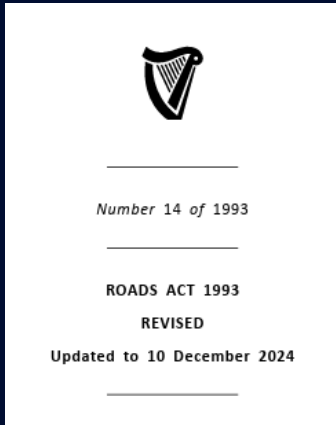
Because the Roads Act says so....

Asset Management
Recording Works & Expenditure

Network Data
Traffic, Condition, Surface Material, TIN, Safety

Licenses and Permits
Consents, Inspections & Enforcement

Speed Limits
National Defaults, By-Laws, Enforcement




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Circular RW25/2024 and Revised Guidelines for Road Classification & Schedule Management & Schedule Management

An Roinn Iompair
Department of Transport



14th November 2024

RW 25 of 2024

INVENTORY OF PUBLIC ROADS

Dear Chief Executive,

I am directed by the Minister to refer to S10(6) of the 1993 Roads Act:
"A road authority shall, at the request of the Minister and in such manner as may be specified by him, carry out an inventory of all public roads, or of any class or subclass of public road, in respect of which it has responsibility."

The Minister hereby requests that an inventory of public roads within your administrative area be carried out and delivered to this Department on a phased basis as set out below.

- 31st April 2025 inventory submission for all Local Roads
- 31st July 2025 inventory submission for all Regionals Roads
- 31st October 2025 inventory submission all National Roads

Background

Since 2012 the overall length of regional and local roadway has increased by an estimated 3,400km. In addition, it should be noted that approximately 615km (1,900 individual segments) of dedicated Active Travel infrastructure has also been constructed.

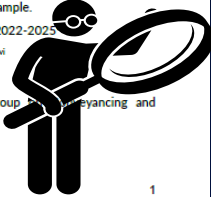
Section 10(5) (a) of the 1993 Roads Act requires that a road authority shall keep a schedule and map of all public roads in respect of which it has responsibility.

This requirement is set out in circulars including RW 06 and RW 07 of 2012 and is reiterated annually by circular, most recently in RW 02 of 2024 RLR Allocation, where the requirement to keep this schedule up to date on MapRoad AMS is set out in order that there is a single repository for all road schedules.

The information is a necessary support to a number of government policies including.

- Connecting Government 2030: A Digital and ICT Strategy for Ireland's Public Service
- The Road Safety Strategy 2021-2030ⁱⁱ
- National Sustainable Mobility Policyⁱⁱⁱ
- Climate Action Plan 2024^{iv} and supporting policies for example.
 - Electric Vehicle Charging Infrastructure Strategy 2022-2025^v
 - Whole of Government Circular Economy Strategy^{vi}
- The National Development Plan 2021-2030^{vii}
- Recommendations of the Housing for All Expert Group^{viii} on financing and Probate.^{viii}

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RA93 S10(6): “A road authority shall, at the request of the Minister and in **such manner as may be specified by him**, carry out an inventory of all public roads.....in respect of which it has responsibility”.

Supported by Revised Guidelines →


- Changes in legislation
- Evolution of technology

Guidelines: “The MapRoad Asset Management System (AMS) is the platform which must be used by Road Authorities to manage and maintain their road schedules in compliance with the Roads Act 1993 and this is mandated as such by various

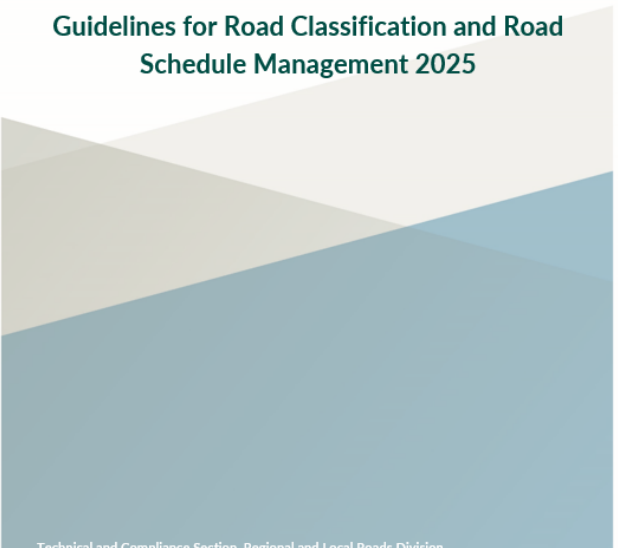
Use of MapRoad

MapRoad AMS is to be used to record the inventory. Exported data from the Road Schedule information recorded in MapRoad AMS is to be used to create the tabular and Shapefile data required under this circular.


An Roinn Iompair
Department of Transport




Guidelines for Road Classification and Road Schedule Management 2025




Technical and Compliance Section, Regional and Local Roads Division





An Roinn Iompair
Department of Transport



Cumann Lucht Balaistíochta Contae agus Cathrach
County and City Management Association

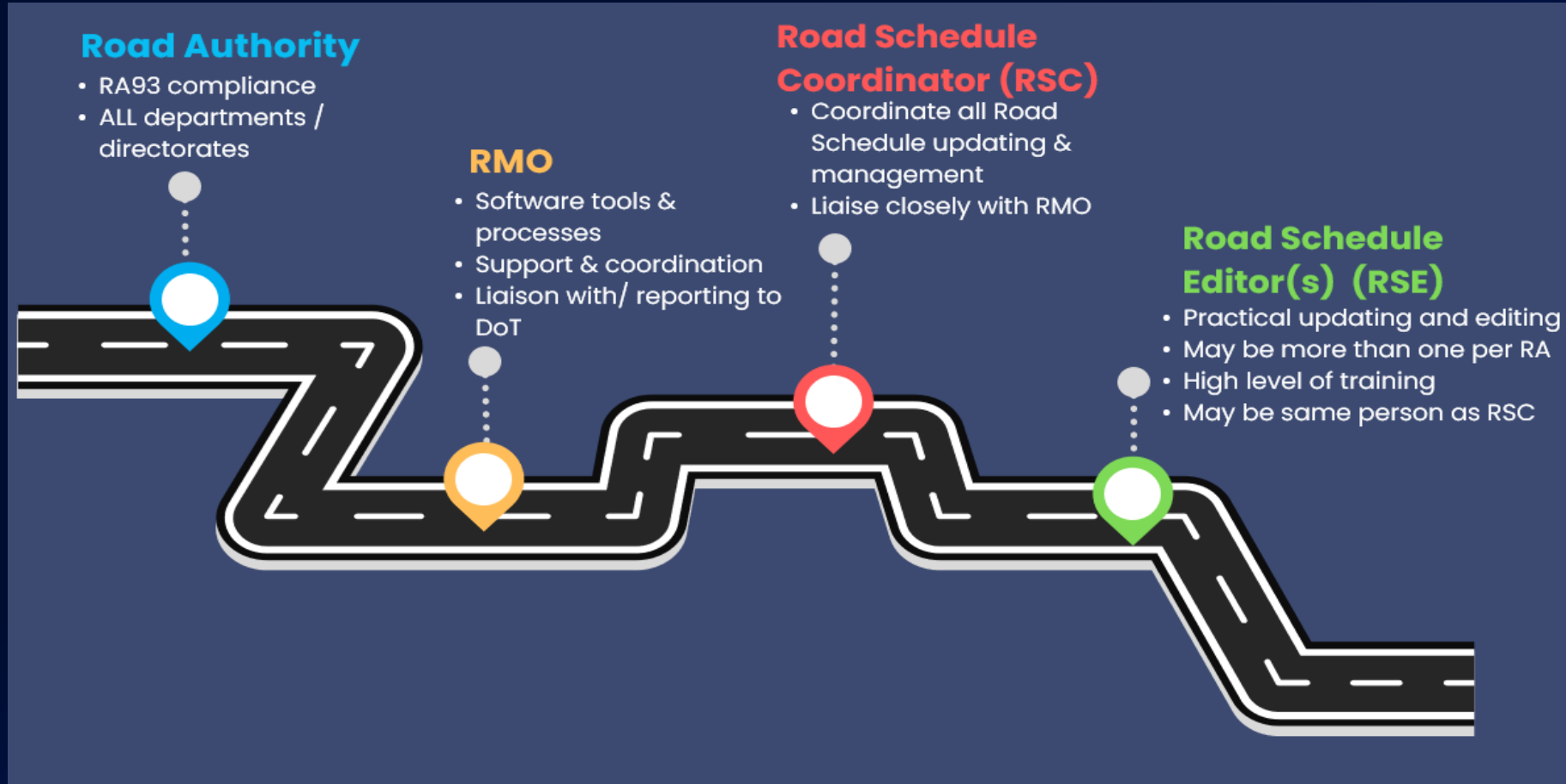
RSTG ANNUAL CONFERENCE 2025
20TH-21ST MAY | MULLINGAR PARK HOTEL, CO. WESTMEATH

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Guidelines for Road Classification & Schedule Management – Roles and Responsibilities



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Road Schedule Management

= Continually Updated & Accurate Schedule

Capture ALL public roads & report accurately on road schedule length
AND

Have an accurate digitised schedule to facilitate proper road asset management

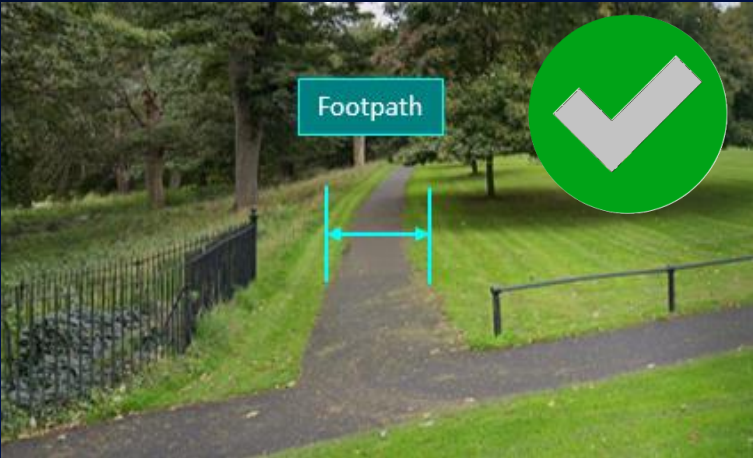
TWO OBJECTIVES OF AN
ACCURATE ROAD
SCHEDULE ON MAP ROAD
AMS

Roads Act 1993 (S2 & S68) defines cycleways and footpaths as **public roads**.
→ cycleways and footpaths must be recorded on an authority's road schedule and be assigned a road number.

Public Road?



Public Road?



Public Road?



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How to Ensure a Continually Updated & Accurate Schedule: Tools and Processes



Roads Act 1993, S10(6) & Circular
RW24/2025

→ MapRoad **IS** the “manner specified”

MapRoad IS the Road Schedule
The Road Schedule IS MapRoad

2025 Guidelines:

- ❖ MapRoad AMS must be used for all Road Schedule editing
- ❖ MapRoad AMS is primary source of data for consumption across other platforms and for data provision to other stakeholders.

The digital Road Schedule is “Dynamic” data supporting other processes & stakeholders
→ agility to update promptly & accurately essential.



MapRoad Network Editing Functionality

- ✓ New functionality to make and publish edits to network linework in real time.
- ✓ Deployment July 2025
- ✓ Significant reduction in time to update Network Segments.
- ✓ Allows integration with TII LRS linework for National Roads – these will be imported directly from TII GIS Data.



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How to Ensure a Continually Updated & Accurate Schedule: Tools and Processes (Revised Guidelines)

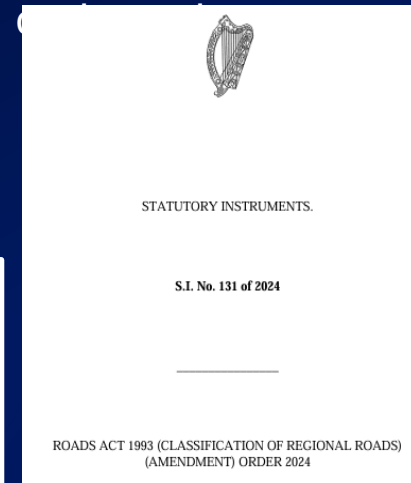
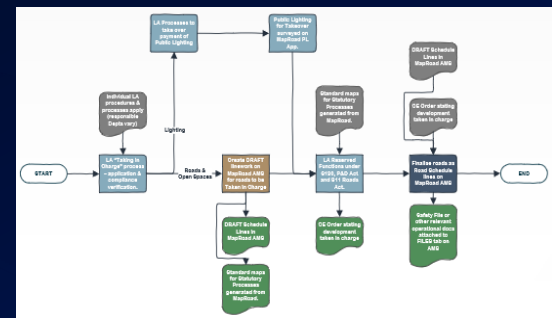
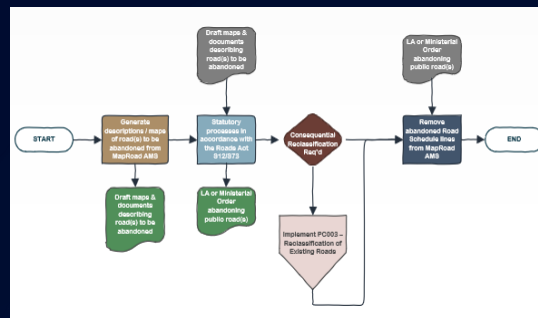
Clear Process Charts ensuring Road Schedule Updating on MapRoad is an integral step

Segments Types for Road Schedule / Asset Management

Statutory Instrument (SI) review and updating

- Taking in Charge
- Abandonment
- New Roads/Realignments
- Reclassifications
- Road Schedule Segments - centreline representation of public road & form **schedule length**
- Road Inventory Segments – dual sections, on/off ramps, roundabouts, footpaths **do not form schedule length**. Asset management only.
- Legal document describing Reg & Nat routes in standard format.
- Reviewed & updated periodically. AMS schedule = single data source
- SI text & mapping generation → automated based on schedule data

Routine road schedule auditing and verification by the Local Authority is essential.
AMS Schedule = primary data source for all LA platforms + data provision to other stakeholders.
→ Periodic verification / adoption by CE Order by Roads Authorities of MapRoad Schedule to ensure reliable data for consumption by all stakeholder, including enforcement activities, e.g. AGS



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Summary / Key Takeaways

A “healthy” Road Schedule is the **heartbeat** of:

- Statutory compliance
- Asset management
- Network data collection
- Speed limits & bye-laws
- Consents/permits
- Enforcement.

Looking after may not always be exciting, but
MapRoad is your **Mediterranean Diet** and **Healthy Lifestyle**

If you neglect it, it will catch up with you in the end!



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AMS Updates and Road Schedule

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Road Management Office

AMS Updates

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AMS Updates and Road Schedule

Contents

- **MapRoad Traffic Module** (*Launched August 2024*)
- **MapRoad Material Database Update/Material Removed Capture** (*Launching July 2025*)
- **MapRoad Network Edges Editing System (NEES)** (*Launching July 2025*)

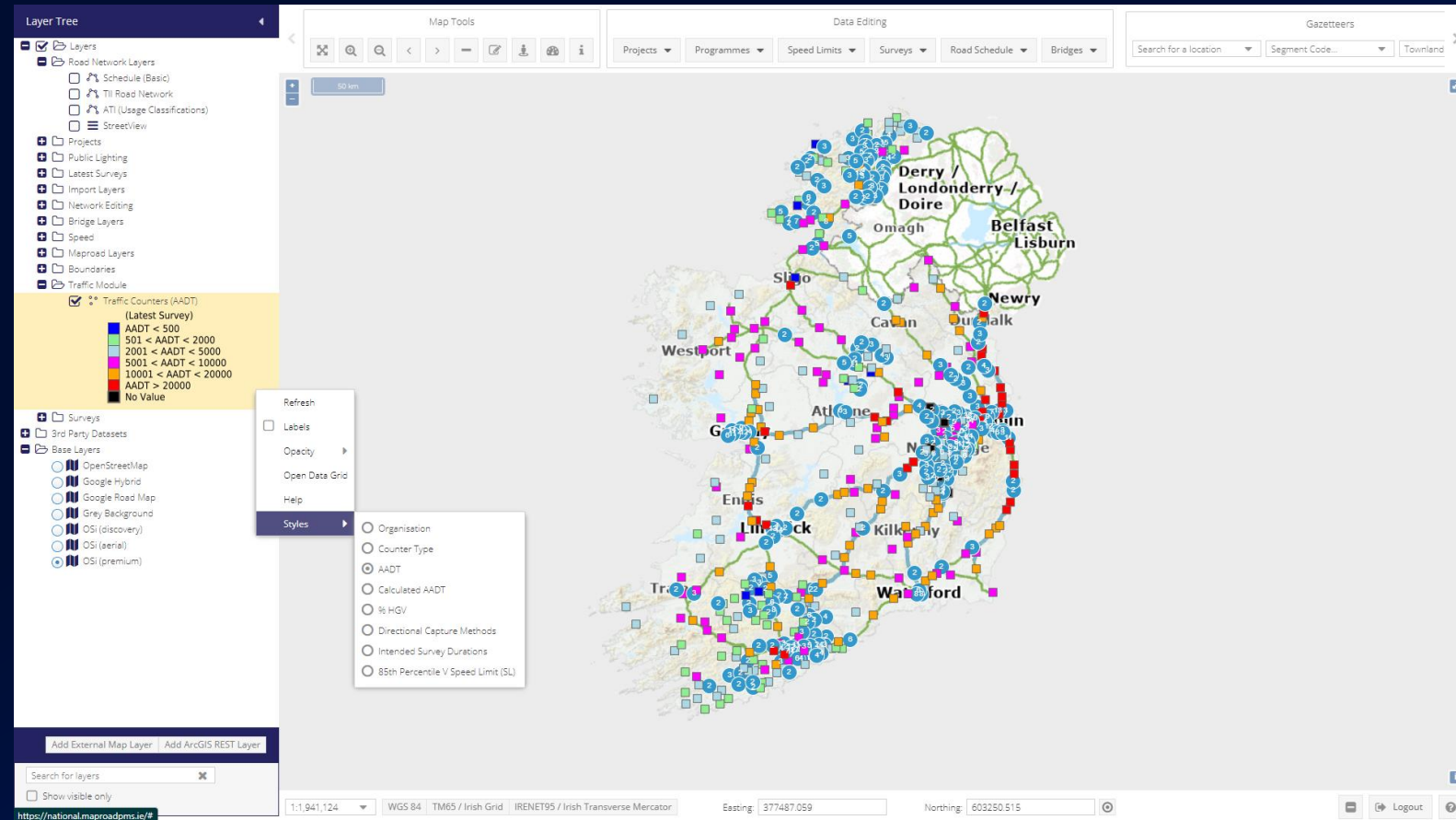
Background?

- Traffic survey data historically collected using various tools and providers.
- Data stored locally on individual drives and devices across the country.
- Limited accessibility for engineers, planners, and stakeholders.
- No national standard or asset management solution for traffic counts storage.
- RMO engaged with stakeholders to assess existing methods and needs.
- Resulted in the development of the MapRoad Traffic Module.
- Provides a centralised, structured system for storing and managing traffic data.



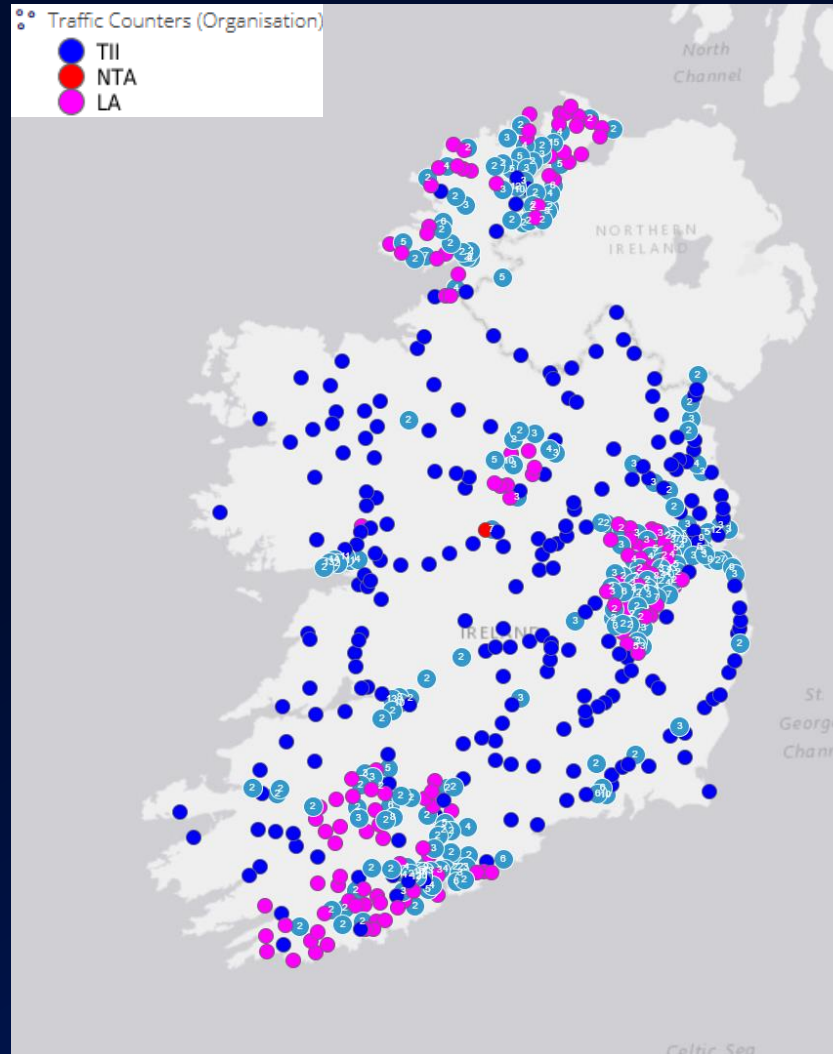
Why develop a Traffic Module?

- Enables analysis of traffic volumes, composition, and peak flow patterns.
- Centralised storage in MapRoad ensures long-term access and consistency.
- Traffic module supports asset management principles and best practices.
- Improves data usability for planning, monitoring, and decision-making.
- Reduces risk of data loss, fragmentation, or inconsistency.



Current Statistics

- Enables multiple surveys to be linked to known traffic counter locations.
- Supports annual trend analysis and long-term infrastructure planning.
- Facilitates assessment of impacts from infrastructure changes.
- Example: 11 years of TII data captured at a single location now in MapRoad.
- Over 1,200 traffic counters and 4,700+ surveys imported to date.
- Ongoing engagement with sector to gather and upload historical data.



1 Counter
11 Years
of Survey
Data.

Traffic Counter: M01 Between Jn02 Dublin Airport and Jn03 Swords, Swords, ... ? _ ⌵ ⌶

Counter

History

Files

Details

Organisation*:TII

Description:M01 Between Jn02 Dublin Airport and Jn03 Swords, Swords, Co. Dublin

Counter ID:1515

Road Number*:N-1

Station ID:TMU M01 005.0 N

Site ID:20011

Counter Type*:Static

Add New Survey

Survey ID ↑	Survey Type	Year ↓	Duration (Days)	AADT	
10129	Automatic	2023	365	101235	→
10126	Automatic	2022	365	98341	→
10125	Automatic	2021	365	61189	→
10128	Automatic	2020	366	77823	→
10127	Automatic	2019	365	103103	→
10132	Automatic	2018	365	100297	→
10130	Automatic	2017	365	98812	→
10131	Automatic	2016	366	96084	→
10133	Automatic	2015	365	92276	→
10123	Automatic	2014	365	87860	→
10124	Automatic	2013	365	84947	→

Delete

Zoom

Refresh

○

XY

Save

Cancel

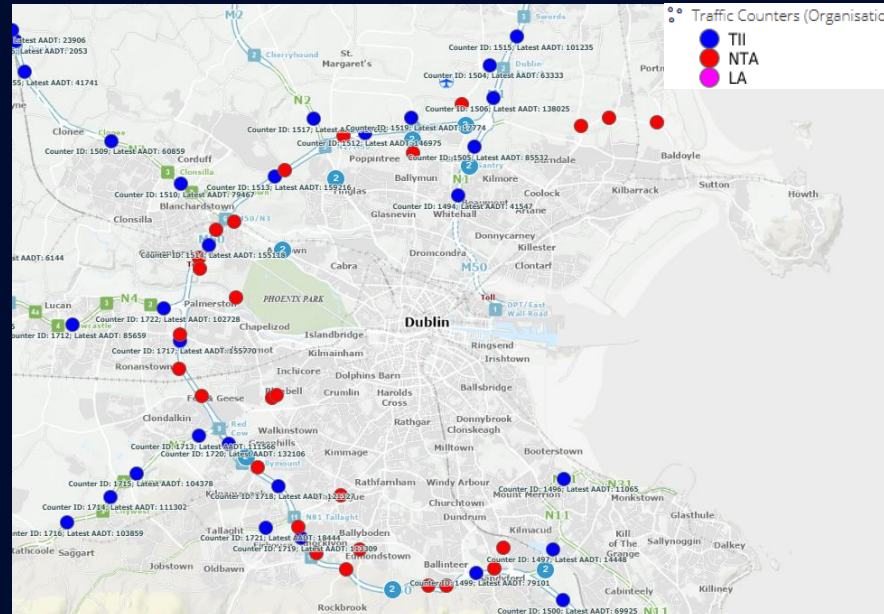
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AMS Updates and Road Schedule

Traffic Module

Collaboration with the Stakeholders

- Developed standardised template (with NTA) for bulk ATC data import into MapRoad.
- Created schema for importing summary traffic data.
- Enables large-scale, structured access to coherent traffic data.



Active

175-437 MRM Release Set 2 ACT NTA (5)

Search

FileHomeInsertPage LayoutFormulasDataReviewViewAutomateHelpAccountPower Pivot

Normal Page BreakPrevious LayoutView

Zoom100%Zoom InZoom OutNew WindowArrange AllFreeze PanesSplit

ClipboardFontAlignmentMerge & Center

FormulasDataReviewViewAutomateHelpAccountPower Pivot

GeneralConditional FormattingCell StylesInsertDeleteFormat

EditingSort & Filter > SelectAnalyse DataSensitivityAdd-insCreate PDF & Create PDF and ShareView Outline

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001301130213031304130513061307130813091310131113121313131413151316131713181319132013211322132313241325132613271328132913301331133213331334133513361337133813391340134113421343134413451346134713481349135013511352135313541355135613571358135913601361136213631364136513661367136813691370137113721373137413751376137713781379138013811382138313841385138613871388138913901391139213931394139513961397139813991400140114021403140414051406140714081409141014111412141314141415141614171418141914201421142214231424142514261427142814291430143114321433143414351436143714381439144014411442144314441445144614471448144914501451145214531454145514561457145814591460146114621463146414651466146714681469147014711472147314741475147614771478147914801481148214831484148514861487148814891490149114921493149414951496149714981499150015011502150315041505150615071508150915101511151215131514151515161517151815191520152115221523152415251526152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Collaboration with the Stakeholders

- Standardised survey durations and automated ADT and %HGV calculations.
- Ensures consistent traffic count analysis across the network.

2-week traffic count

• Saloon

• Estate

• People Carrier

• Taxi

• Three-wheel Cars

• Car towing Trailer

• Van

• Pick-up

• Car Delivery Vans

• Minibus

• Commercial Vehicles < 3.5 Tonnes – single rear tyres

• 2-Axles Rigid Truck

• 3-Axles Rigid Truck

• Commercial Vehicles > 3.5 Tonnes – single rear tyres

• 4 or more Axles Rigid Truck

• 3 Axle or more Articulated Truck

• Vehicles in Category OGV1 towing trailer

• Single Deck Bus or Coach

• Double Deck Bus or Coach

• Motorcycles

• Motor Scooters

• Mopeds

• Three-wheel motorcycles

• Two-wheel pushbike

• Three-wheel pushbike

• Traffic Counters (Intended Survey Durations)

(Latest Survey)

• <24 Hours

• 1 Day

• 1 Week

• 2 Weeks

• 1 Year

• Custom Assessment Period

• No Value

Traffic Survey: ITS J-720 WRM Region Surveys. Site No.: ATC 2

General

History

Files

Details

Survey ID: 12945

Counter ID: 1927

Survey Type*: Automatic

Survey Name*: ITS J-720 WRM Region Surveys. Site No.

Survey Counter Type*: Pneumatic

Counts By: Contractor

Contractor Name*: Irish Traffic Surveys LTD

Notes:

Date Information

Intended Survey Duration*: 2 Weeks

Year: 2023

Survey Start Time*: 14-05-2023 23:00

Survey End Time: 28-05-2023 23:00

Duration (Days): 14

Duration (Hours): 336

Survey Information

Survey Directional Capture Method: Bi-Directional

Roadway Width (m):

No. Lanes: 2

ADT: 7,589

Calculated ADT: 7589

AADT: 7,361

Calculated AADT: 7361

AADT Derived From: Generic Expansion Factor Method (TIL PE DMS-02039)

%HGV: 3.5

Calculated %HGV: 3.54

AM Peak Time*: 08:00 - 09:00

AM Peak Count*: 656

PM Peak Time*: 15:00 - 16:00

PM Peak Count*: 757

Modal Information

Car: 92,87

OGV1: 2,879

LGV: 9,274

OGV2: 720

PSV: 164

M/C: 327

PC: 0

Total Vehicles: 106,239

24-Hour Estimated Vehicle Count:

Speed Information

PSL (Km/h): 50 Km/h

85th Percentile Speed (Km/h): 47.7

Average Speed (Km/h): 39.2

Max Speed (Km/h):

Delete

Zoom

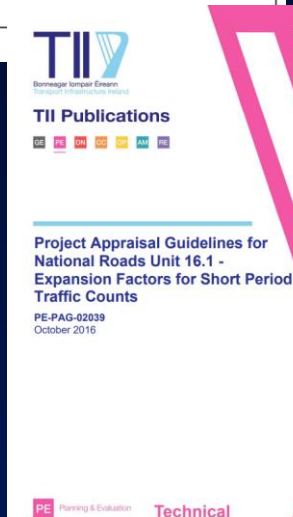
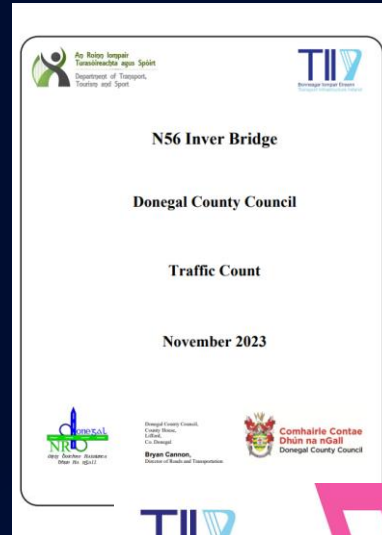
Open Counter

Save

Cancel

Collaboration with the Stakeholders

- Developed automated AADT calculation process, based on TII's Project Appraisal Guidelines.
- Uses expansion factors for short-period counts.
- In collaboration with National Road Design Offices.
- Ensures consistency with national standards.
- Improves reliability of traffic data.



Traffic Survey: N56 Inver Bridge

General | History | Files

Details

Survey ID: 12828 | Counter ID: 1809
 Survey Type*: Automatic | Survey Name*: N56 Inver Bridge
 Survey Counter Type*: Pneumatic | Counts By: LA
 Notes:

Date Information

Intended Survey Duration*: 2 Weeks | Year: 2023
 Survey Start Time*: 30-10-2023 00:00 | Survey End Time: 13-11-2023 00:00
 Duration (Days): 14 | Duration (Hours): 336

Survey Information

Survey Directional Capture Method: Bi-Directional
 Roadway Width (m): 10.00 | No. Lanes: 2

ADT: 6,349 | Calculated ADT: 6349
 AADT: 6,729 | Calculated AADT: 6729
 AADT Derived From: Generic Expansion Factor Method (TII PE-PAG-02039)
 %HGV: | Localised Period Count Method (TII PE-PAG-02038)
 AM Peak Time: AM P | Permanent Counter Method
 PM Peak Time: PM P | Traffic Counter Software Package
 Unknown

Modal Information

Car: 79.07 | OGV1: 7,813
 LGV: 0 | OGV2: 1,860
 PSV: 0 | M/C: 138
 PC: 0
 Total Vehicles: 88,889
 24-Hour Estimated Vehicle Count:

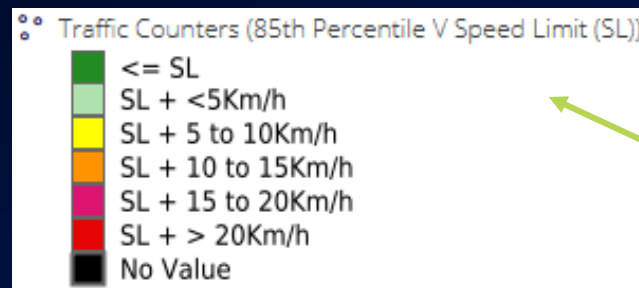
Speed Information

PSL (Km/h): 100 Km/h | 85th Percentile Speed (Km/h): | Average Speed (Km/h): | Max Speed (Km/h):

Delete | Zoom | Open Counter | Save | Cancel

Collaboration with the Stakeholders

- Introduced visual analysis tools for survey data.
- 85th percentile speed calculations help identify trends in road user speeds.
- Supports planning for targeted interventions.



Traffic Survey: ITS J-720 WRM Region Surveys. Site No.: ATC 2

General History Files

Details

Survey ID: 12945 Counter ID: 1927

Survey Type*: Automatic Survey Name*: ITS J-720 WRM Region Surveys. Site No.

Survey Counter Type*: Pneumatic Counts By: Contractor

Contractor Name*: Irish Traffic Surveys LTD

Notes:

Date Information

Intended Survey Duration*: 2 Weeks Year: 2023

Survey Start Time*: 14-05-2023 23:00 Survey End Time: 28-05-2023 23:00

Duration (Days): 14 Duration (Hours): 336

Survey Information

Survey Directional Capture Method: Bi-Directional

Roadway Width (m): No. Lanes: 2

ADT: 7,589 Calculated ADT: 7589

AADT: 7,361 Calculated AADT: 7361

AADT Derived From: Generic Expansion Factor Method (TII PE-PAG-02039)

%HGV: 3.5 Calculated %HGV: 3.54

AM Peak Time*: 08:00 - 09:00 AM Peak Count*: 656

PM Peak Time*: 15:00 - 16:00 PM Peak Count*: 757

Modal Information

Car: 92,87 OGV1: 2,879

LGV: 9,274 OGV2: 720

PSV: 164 M/C: 327

PC: 0

Total Vehicles: 106,239

24-Hour Estimated Vehicle Count:

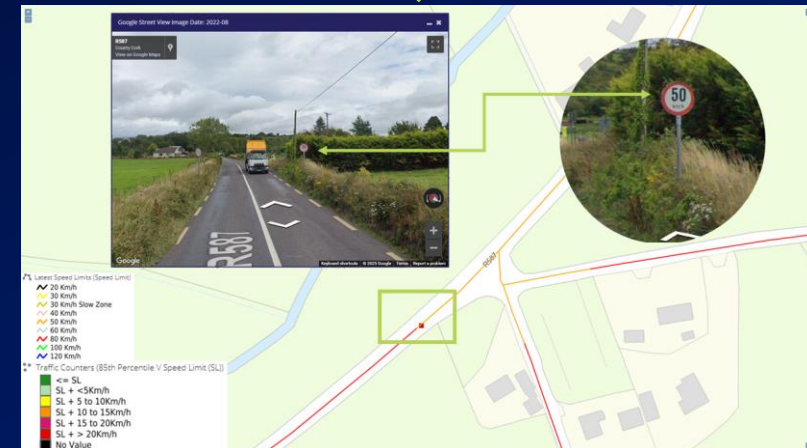
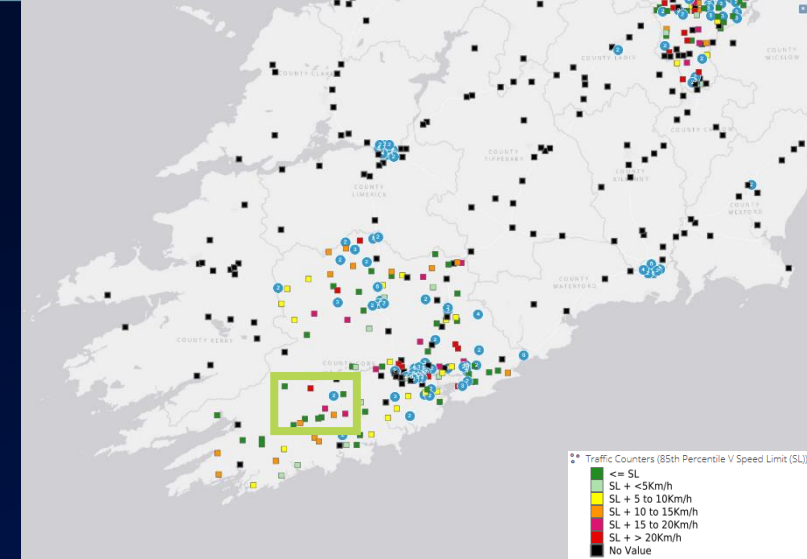
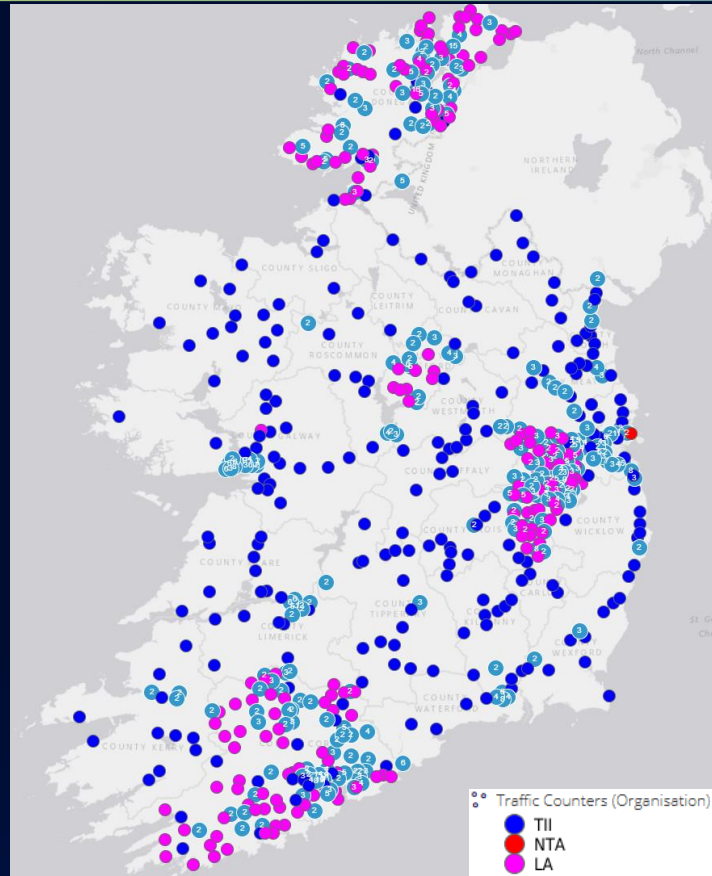
Speed Information

PSL (Km/h): 50 Km/h 85th Percentile Speed (Km/h): 47.7 Average Speed (Km/h): 39.2 Max Speed (Km/h):

Delete Zoom Open Counter Save Cancel

Importance of Data Quality

- Traffic attribute data gives meaning to survey locations, beyond just spatial points.
- Accurate analysis depends on maintaining related datasets (e.g. road schedule, speed limits).
- Integrated in MapRoad to ensure accurate thematics, calculations, and data consistency.



What next?

- Identify all traffic count data sources: counters, consultants, driver feedback signs.
- Submit legacy data to RMO by 11th July 2025 for validation and upload.
- RMO validates and uploads suitable data to MapRoad
- Unvalidated data reviewed with Local Authorities, may not be uploaded.
- Procured surveys must use NTA templates (submit to trafficcounts@rmo.ie).
- Individual LA surveys to be input directly into MapRoad AMS

Traffic Count Data Collection and upload to MapRoad AMS

Dear Director of Services - Roads and Transportation,

The Department of Transport requires Local Authorities to collate all legacy traffic count survey data gathered in their administrative area since 1st January 2022 and upload this data to MapRoad AMS. Local Authorities must also upload all future traffic count survey data procured or otherwise obtained to MapRoad AMS from the date of this circular.

Relevant, accurate and up to date traffic count survey data is a major component in aiding road authorities' understanding of how their road networks operate. Quality data centrally stored at a local and national level can help with the optimisation of road networks and to target investment through identification of possible locations for intervention.

Traffic count survey data is a key enabler for road authorities in understanding the volume of traffic, the composition of traffic and when peak flows occur at specific locations across the road network.

Recording and storing this data on MapRoad ensures that the data is maintained and accessible, for use over the long term. By centralising this information, MapRoad can serve as a reliable repository, allowing relevant stakeholders to easily retrieve and utilise the data whenever necessary. This is particularly beneficial for future planning, monitoring, and decision-making processes, as it reduces the risk of information loss or inconsistency over time.

To achieve the above objective, Local Authorities should identify all relevant traffic count data sources available to them, for example:

- Traffic count data collected directly by Local Authorities through the use of roadside traffic counters.
- Traffic count data collected on behalf of Local Authorities by consultants as part of planning and design of proposed schemes.
- Traffic data collected by other means such as driver feedback signs.

Points 1 and 2 below set out guidance for Local Authorities regarding the recording of survey count data on all roads within a Local Authorities administrative area. Authorities must use the MapRoad AMS traffic module and associated traffic sun templates when completing both processes.

1. Legacy Traffic Count Survey Data

- Local Authorities must issue traffic count data held for the specified period RMO by 11th July 2025 for review.
- The RMO will validate the data provided for suitability for upload to MapRoad AMS.
- Validated data will be uploaded to MapRoad AMS by the RMO on behalf of the Local Authority.
- Where data cannot be validated for upload the RMO will liaise with the Local Authorities to assess options. Data that cannot be validated will not be uploaded to MapRoad AMS.

2. Future Traffic Count Survey Data

- Local Authorities must utilise a data capture approach to facilitate the consistent traffic count survey data to MapRoad AMS.
- For all procured traffic count surveys encompassing multiple count locations, Authorities must use the specification documentation and data templates accessible via the NTA website publications: [NTA Survey Templates - J Transport](#).
- All procured traffic count surveys recorded in accordance with the NTA Templates should be emailed to trafficcounts@rmo.ie with a subject heading: Traffic Count Upload Request [Local Authority] [Survey Date].
Emails should include a contact name and contact details in the main text.
- For individual traffic count surveys undertaken by or obtained by a Local Authority, they must input the resultant data records directly into MapRoad AMS.
- Further guidance and support in respect of the above will be provided by the RMO in a follow up Notification (contact@rmo.ie).

The Department will review the traffic count data once it has been uploaded to MapRoad and may investigate funding the future collection of traffic count data at specific locations of strategic interest.

Local Authorities are requested to nominate a traffic count survey data gathered in their administrative area to provide this to the RMO for review by Friday 4th July 2025

Any other queries in relation to this circular techqueries@transport.gov.ie or your Departmental Inspector

Yours sincerely,



Larry Kelly
Higher Executive Officer
Technical and Compliance Section
Regional and Local Roads Division

c.c.
Senior Engineers - Roads and Transportation

COMING SOON TO A



NEAR YOU...

Session : 2

AMS Updates and Road Schedule

MapRoad Material Library Update

MapRoad Material Library Update

- New fields for RAP usage and %RA in pavement layers.
- Capture of material reuse quantities (LA or contractor)
- Record of quarry source of materials.
- Overhaul of existing materials list to align with current specs e.g. warm mix etc.
- Supports national carbon assessment.

Pavement Project (National Road): N13 Kilross Junction to Drumkeen (Case Study)

General Works Aux. Items Expenditure Benchmarks Chronology Files Validation Geometry Links

Mapped/Site Summary

Project Length: 4,401 m Measured Pavement Width: Unrecorded Road Schedule Width: 10.25 m

Works Summary

Project Works Length: 4,401 m Project Average Works Width: 11.86 m Project Works Area: 52,212 m²

Use of RAP Resources

Quantity Retained by LA for reuse (m³): Quantity Retained by Contractor (m³):

RA%

Reclaimed Asphalt/Aggregate Constituents in Pavement Layers?: ☐

Project Notes

Works Grid

Add Section

0 m - 40 m

40 m - 60 m

60 m - 80 m

80 m - 95 m

95 m - 150 m

150 m - 170 m

170 m - 780 m

780 m - 1450 m

1450 m - 1500 m

1500 m - 1610 m

Delete Strip Map

Pavement Project (National Road): N13 Kilross Junction to Drumkeen (Case Study)

General Works Aux. Items Expenditure Benchmarks Chronology Files Validation Geometry Links

Works Grid

Add Section

Section

Length (m)

Section Width (m)

No. of Lane(s)

Layer

Material

Designation

Thickne...

Chip Size

Works By

Contract

Quarry Source

RA%

Width (m)

Hot Rolled Asphalt

Asphalt Concrete (Warm Mix)

Asphalt Concrete (Hot Mix)

Asphalt Concrete (Warm Mix)

Slurry Surfacing

Stone Mastic Asphalt (Hot Mix)

Stone Mastic Asphalt (Legacy)

Asphalt Concrete - Legacy

Stone Mastic Asphalt - Legacy

Update Cancel

0 m - 40 m

40 m - 60 m

60 m - 80 m

80 m - 95 m

95 m - 150 m

150 m - 170 m

170 m - 780 m

780 m - 1450 m

1450 m - 1500 m

1500 m - 1610 m

Delete Strip Map Zoom Refresh 2%

Save Cancel

Session : 2

AMS Updates and Road Schedule

Network Edge Editing System

Network Edge Editing System

- RMO to centrally manage all network edge updates for the sector.
- Uses all spatial sources, mapping providers, GIS imports, and internal edits.
- New tools for splitting, merging, creating, deleting, and archiving edges.
- Enables direct import of GIS-compatible datasets.
- Integration with TII's network model, systematises TII attribute data into MapRoad's road schedule.

The screenshot displays the Network Edge Editing System interface. It features a central map view showing a road network with various colored lines representing different road types. To the left is a 'Layer Tree' panel with categories like 'Layers', 'Edit Sessions', 'Boundaries', 'Network Editing', 'PRIME2/OSM', 'User Imports', 'Archived Data', and 'Base Layers'. Above the map is a 'Map Tools' toolbar with icons for zooming, panning, and other map navigation functions. To the right of the map is a 'Network Edits' panel with buttons for 'Upload Shapefile', 'Create Edit Session', and 'View Edit Session'. Below the map is a 'Manage Edit Session' panel with fields for 'Name', 'Description', 'Local Authority', and 'User'. To the right of the map is an 'Edit Session' panel with a table of edges and their attributes. Below the map is an 'Upload Shapefile' panel with fields for 'Name', 'Shapefile', and 'Reference only'. To the right of the map is a 'Validations' panel with fields for 'File Size', 'Is Empty?', 'CRS is EPSG:2157?', 'Linestrings Only?', and 'Has Valid Geometry?'. The interface also includes a 'Gazetteers' search bar at the top right and a 'Search' bar at the bottom left.

EdgeId	Archived?	Local Authority	NodeId From	NodeId To	Edge From	Edge To
2450341	No	Cork City	2254469	2254474		
2506305	No	Cork City	2142076	2254467		
2528602	No	Cork City	2254468	2254466		
2532760	No	Cork City	2254467	2254469		
2582901	No	Cork City	2254466	2254467		
2621458	No	Cork City	2254462	2254468		
2667242	No	Cork City	2254469	2254468		
2773867	No	Cork City	2254466	2415701		
2773868	No	Cork City	2415701	2254458		

Edit Session Stats	
Number of splits	0
Number of merges	0
Number of archived edges	1
Number of new edges	7
Total number of edges	8
Total length of edges (m)	278.05

Session : 2

AMS Updates and Road Schedule

Darragh Mc Gowan &
Trevor Gordon

THANK YOU

Session : 2

AMS Updates and Road Schedule

**Join the Q&A session at
Slido.com and enter 3873601
or via the QR Code.
Questions must include name
and associated Local Authority
to be considered by the panel.**

