RISM Study Workshop Network wide assessment – N25 Pilot (single carriageway)

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Introduction.







- o Background.
 - Proactive and reactive standards (IRL)
 - Current road safety strategy
- N25 Pilot Route.
 - Reactive and proactive results
 - Detailed comparison / interpretation
- Observations & Experiences with NWA process (IRL).

Background.

Transport Infrastructure Ireland Standards & Technical Publications



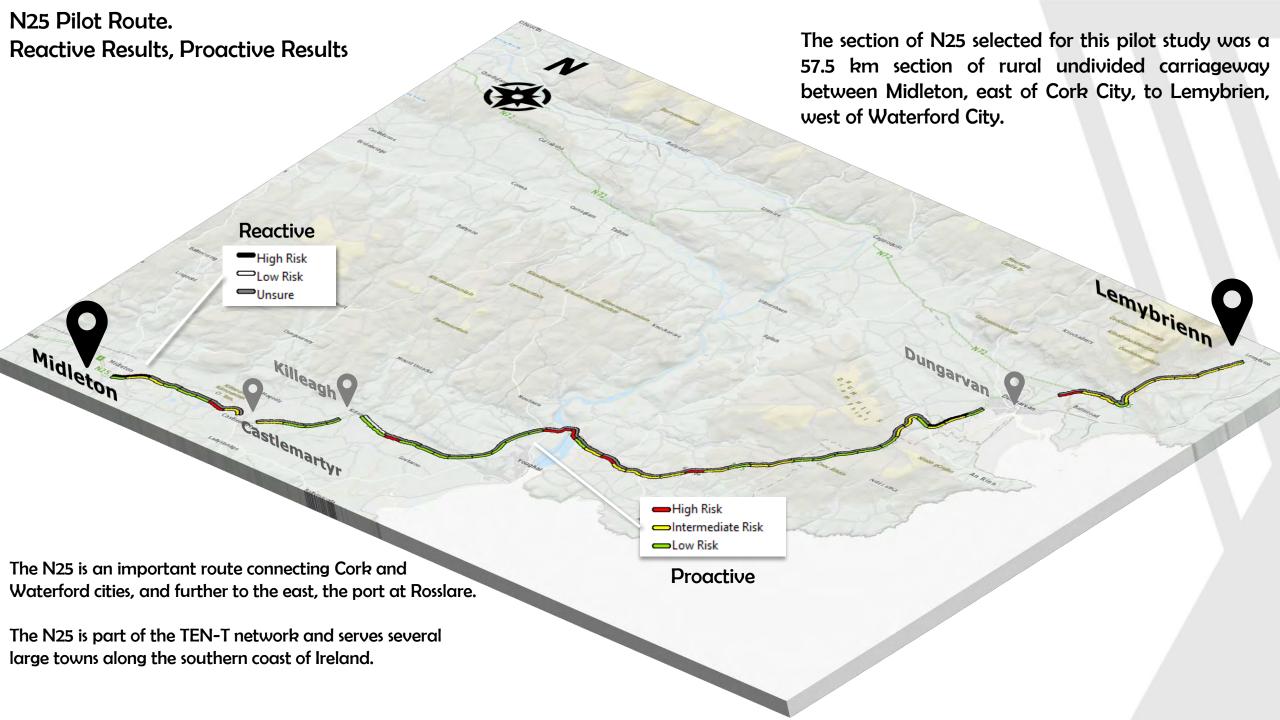
https://www.tiipublications.ie/

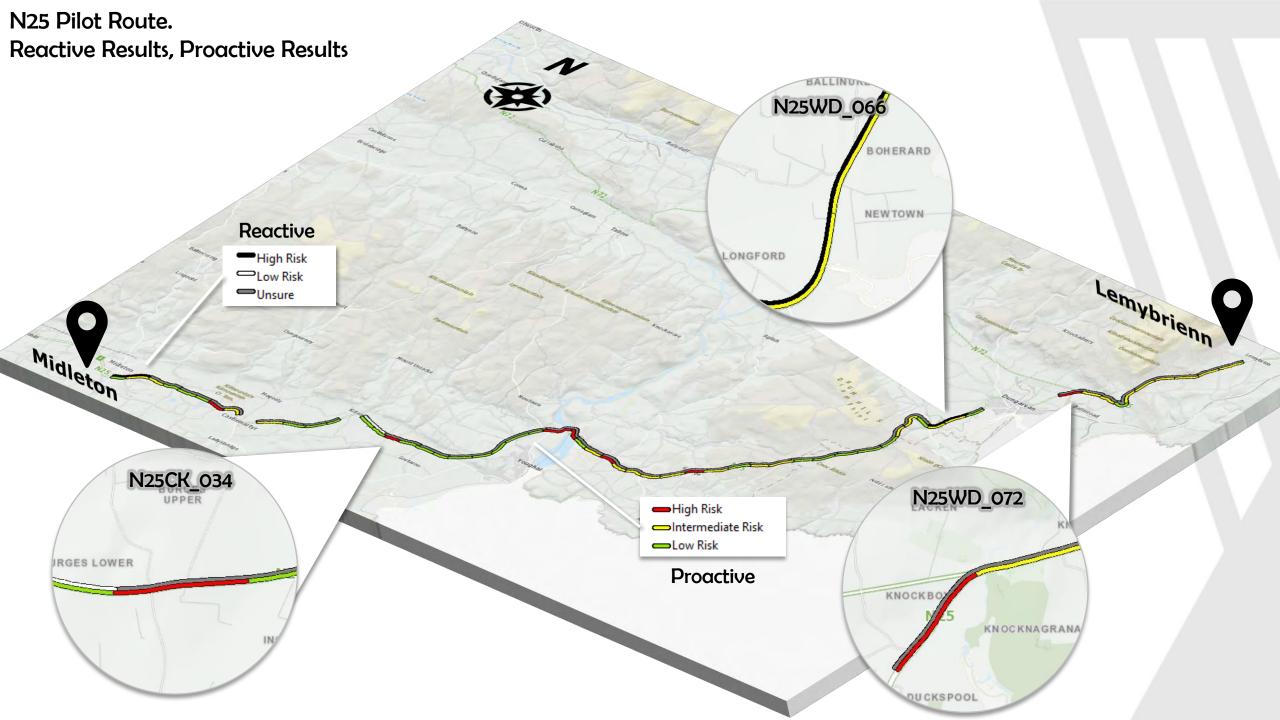
Background. Road Safety Strategy Actions (IRL)

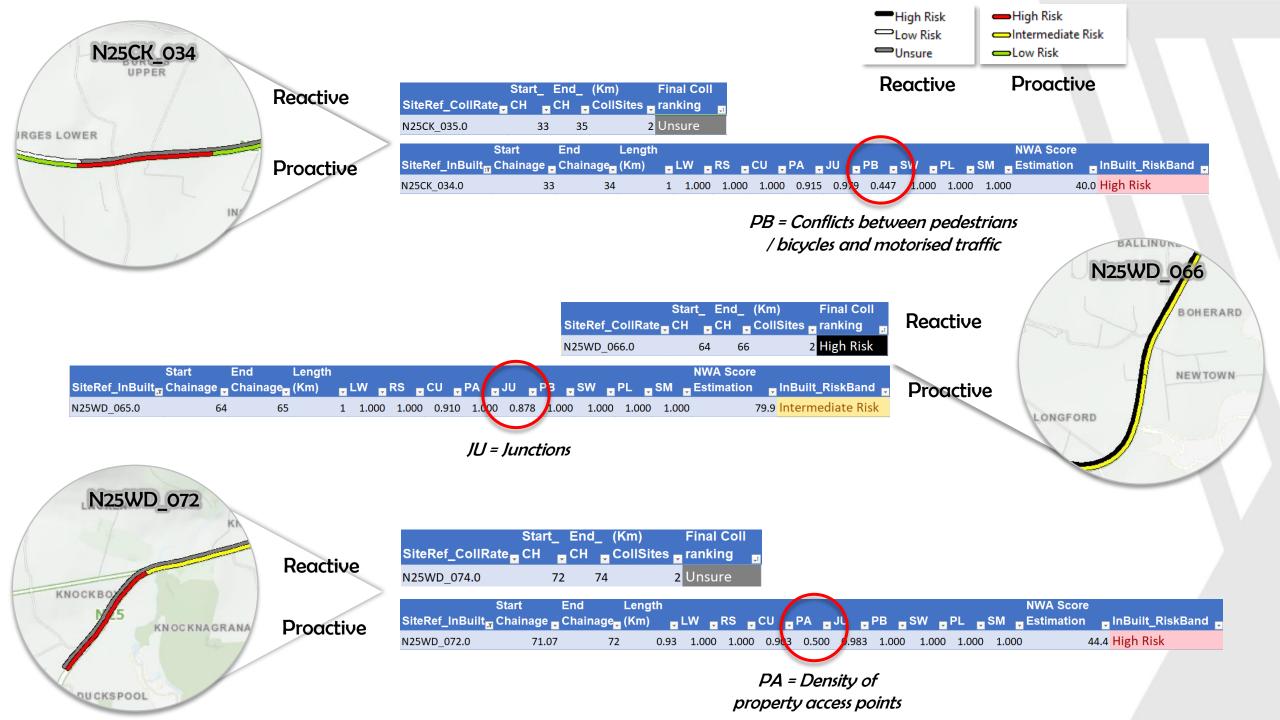


No.	Action	Lead Department or Agency	Responsibility	Due Date	Support Department or Agency
1.	Develop and implement a safety rating indicator for national road infrastructure, which will help target investment on sections of national roads with the highest risk of fatal or serious injury.	Transport Infrastructure Ireland	CEO	Q4 2024	DoT
2.	Deliver an average of 60 road safety improvement schemes and fund an average of four minor realignment schemes on national roads per year, to create forgiving roadsides, self-explaining roads, and a safe environment for vulnerable road users.	Transport Infrastructure Ireland	CEO	Annual	CCMA / LA's

Link to IRL Government Road Safety Strategy 2021 to 2030







N25CK_034

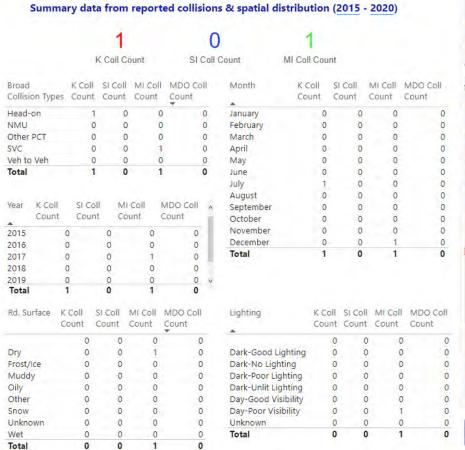
	Start_	End	_ (Km)		Final Coll
SiteRef_CollRate ■	CH I	CH	CollSites □	¥	ranking 🗔
N25CK_035.0	3:	3 3	35	2	Unsure

Reactive

Star	t End	Length												NWA Score	
SiteRef_InBuilt _™ Cha	inage 🔁 Chai	nage <mark>ູ</mark> (Km)	LW	R	S 📮	CU 🔽	PA 🔽	JU	■PB	 S	V 🗖	PL 🔽	SM 🔽	Estimation	InBuilt_RiskBand
N25CK_034.0	33	34	1 1	.000	1.000	1.000	0.915	0.9	79 0.44	17	1.000	1.000	1.000	4	40.0 High Risk

Proactive

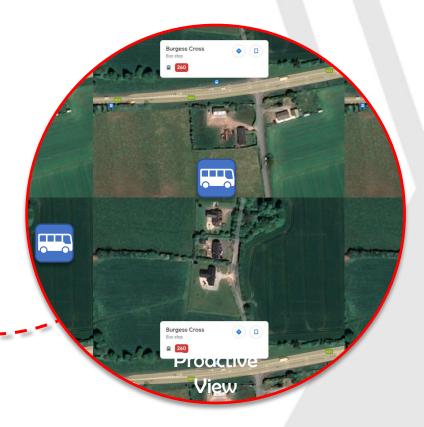
PB = Conflicts between pedestrians / bicycles and motorised traffic





this time. The classification of such information is subject to review and is therefore

provisional. For internal use only. Not for distribution



N25WD_066

	Start_	End_	(Km)	Final Coll
SiteRef_CollRate	CH 🔽	CH <u></u>	CollSites -	ranking 🗔
N25WD 066.0	64	66	2	High Risk

Reactive

Count Count Count

	Start	End	Length											NWA Scor	е
SiteRef_InBuilt	Chainage	Chainage	(Km)	■ LW	■ RS	□ CU	₽	ŀ	JU 🖪	РВ 🕝	sw 📮	PL 🔽	SM	Estimation	n <mark> </mark> InBuilt_RiskBand <mark> </mark>
N25WD_065.0	64	65	5	1 1.0	000 1.0	000 0.9	910 1	.doo	0.878	1.000	1.000	1.000	1.000)	79.9 Intermediate Risk

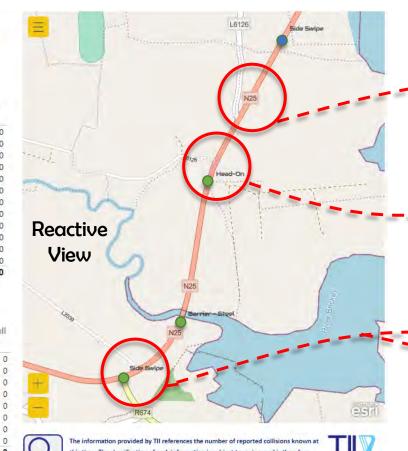
Proactive

JU = Junctions

Summary data from reported collisions & spatial distribution (2015 - 2020)

					0				1		3	
			K	II Cou	unt		SI	Coll	Count	MI Coll Count		
Broad Collision Types			K Coll Count			MI Co		MDO Co Count	oll	Month	K Coll Count	SI
Head-	on		0		0		1		0	January	0	
NMU			0		0		0		0	February	0	
Other	PCT		0		0		0		0	March	0	
SVC			0		0		1		0	April	0	
Veh to	Veh		0		1		1		0	May	0	
Total			0		1		3		0	June July August	0	
Year	K Coll		SI Coll		MIC	Coll	N	1DO Coll	^	September	0	
	Count		Count		Cour	nt	C	ount	- ii	October	0	
2015		0		0		1		0	н	November	0	
2016		0		0		1		0	н	December	0	
2017		0		0		0		0	0 Total		0	

018	0	0	0	0						
019	0	1	0	0	v					
otal	0	1	3	0						
d. Surface	K Coll	SI Coll	MI Coll	MDO Coll		Lighting	K Coll	SI Coll	MI Coll	MDO Col
	Count	Count	Count	Count			Count	Count	Count	Count
	0	0	0	- 0			0	0	0	1
ry	0	1	1	0		Dark-Good Lighting	0	0	0	
rost/Ice	0	0	0	0		Dark-No Lighting	0	0	0	
Muddy	0	0	0	0		Dark-Poor Lighting	0	0	0	
ily	0	0	0	0		Dark-Unlit Lighting	0	0	0	1
ther	0	0	0	0		Day-Good Visibility	0	1	3	1
now	0	0	0	0		Day-Poor Visibility	0	0	0	
Inknown	0	0	0	0		Unknown	0	0	0	
Vet	0	0	2	0		Total	0	1	3	
otal	0	1	3	0						



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N25WD_072

Start_ End_ (Km) Final Coll
SiteRef_CollRate CH CH CollSites ranking
N25WD 074.0 72 74 2 Unsure

Reactive

 Start
 End
 Length

 SiteRef_InBuilt Chainage Chainage (Km)
 LW RS CU PA JU PA JU PB SW PL SM Estimation InBuilt_RiskBand N25WD_072.0
 71.07
 72
 0.93
 1.000
 1.000
 0.983
 1.000
 1.000
 1.000
 1.000
 1.000
 44.4 High Risk

Proactive

PA = Density of property access points

Summary data from reported collisions & spatial distribution (2015 - 2020)





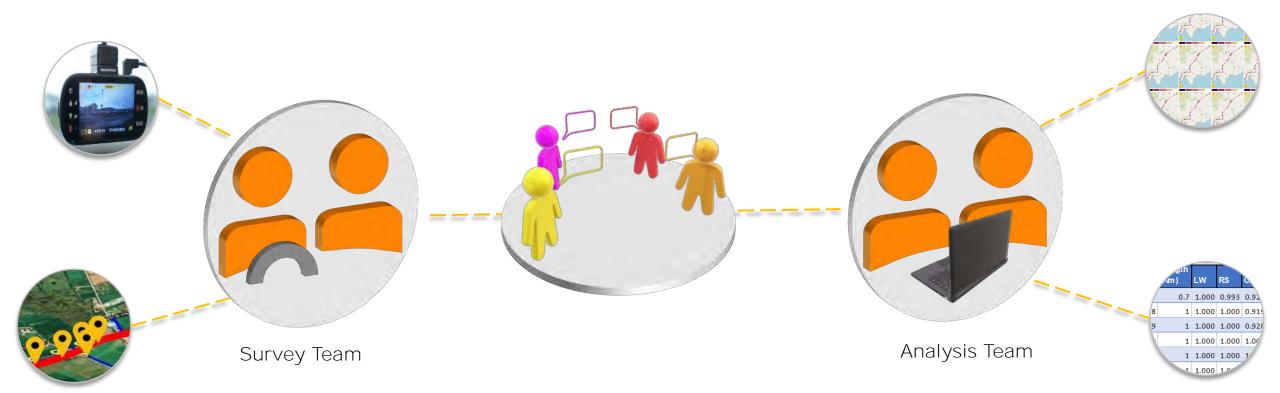
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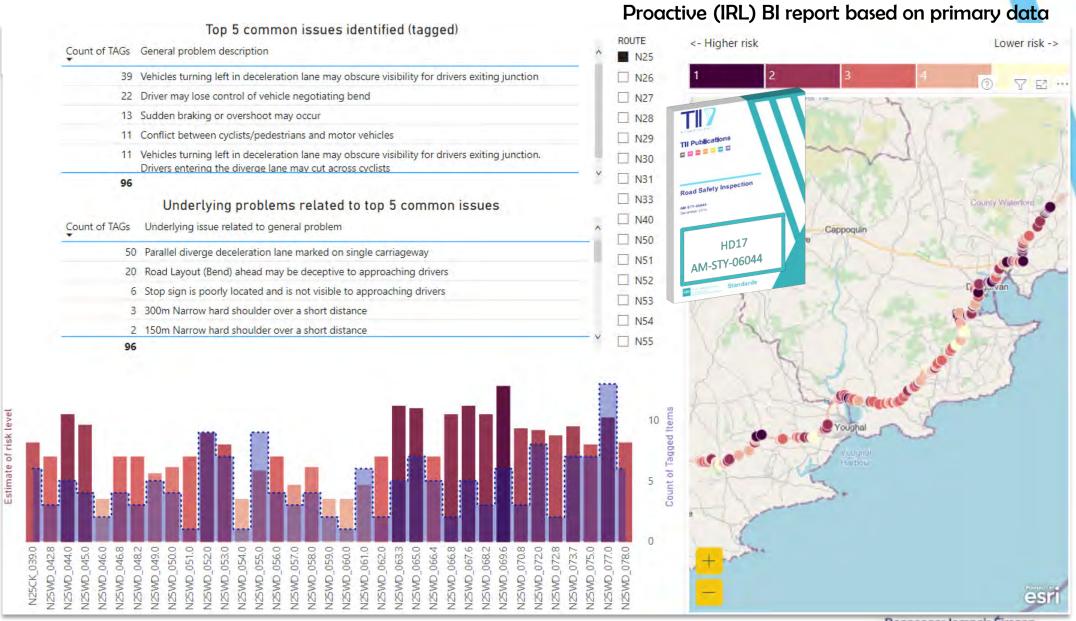


Observations & Experiences with NWA process (IRL).

- o 'Noise' within data should be a bigger topic for discussion. Tools to help reduce noise throughout the process will lead to better decisions later.
 - Primary & Secondary data sources.
- o Consider the different phases of the NWA process. Post the data analysis process consideration needs to be given about disseminating results to local road authorities.
 - Issuing paper reports -V- issuing digital files -V- online digital portals and BI tools.
 - Guidance on interpretating the NWA results
- o Invest time and resources in people comfortable working with large amounts of data. This is a ensure the information collected and processed will be available further down the line e.g. prioritizing interventions, KPIs / benchmark for subsequent analysis rounds, etc.
 - Monitoring 'risk' over time to detect change (temporal analysis) is not a trivial process.



Observations & Experiences with NWA process (IRL).



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