

**New content models in version 3.1
aiming at urban context**

Rerouting Management „Enhanced“

DATEX II

6th Forum Webinar series



27th January 2021

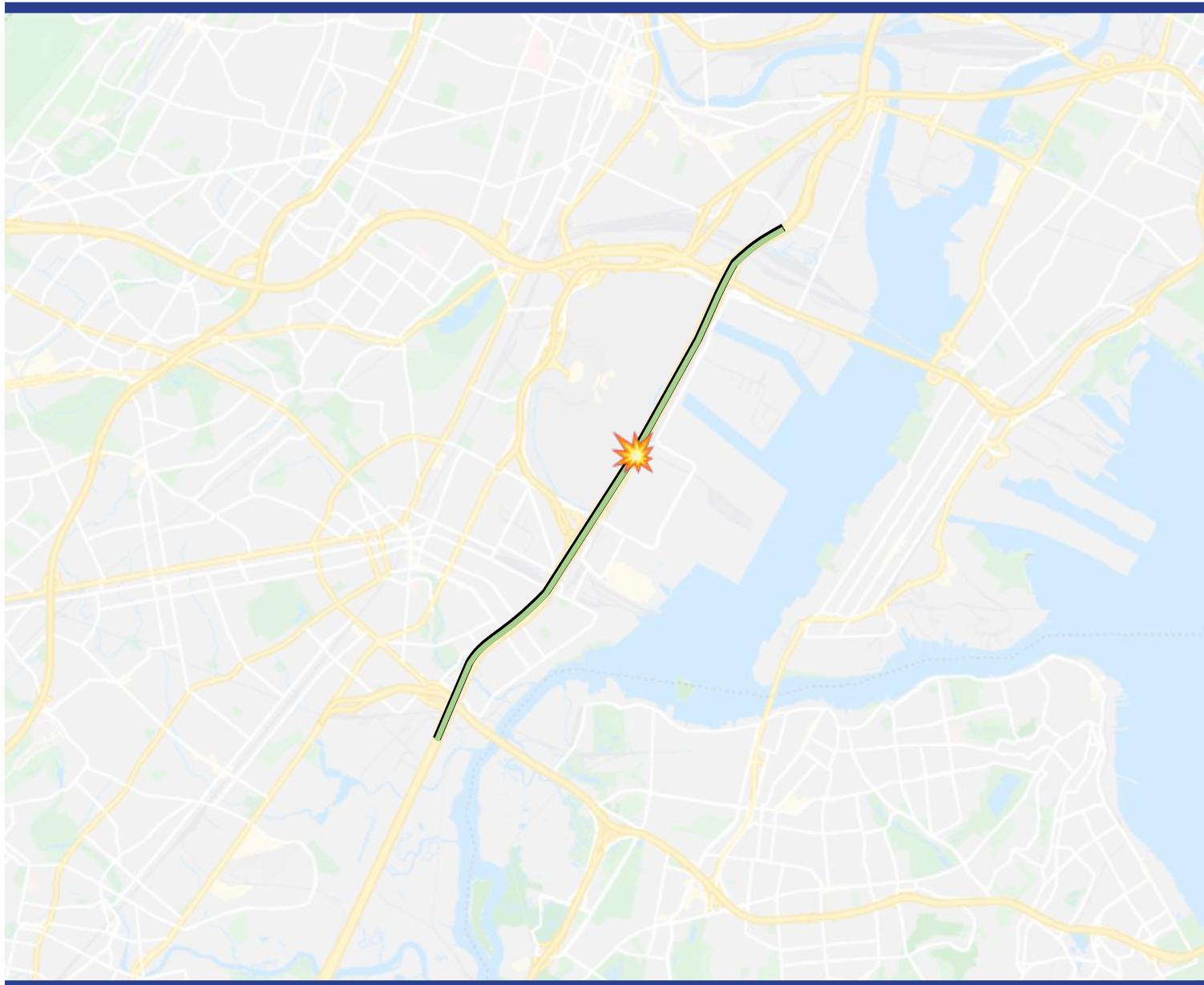
Rerouting Management Enhanced

- Enhanced rerouting model in DATEX II, Version 3.1
- Improvements of existing rerouting model
- Based on extensions developed in the past
- Was developed by a CEN project team (CEN TC278 WG17) and given to DATEX PSA for maintenance

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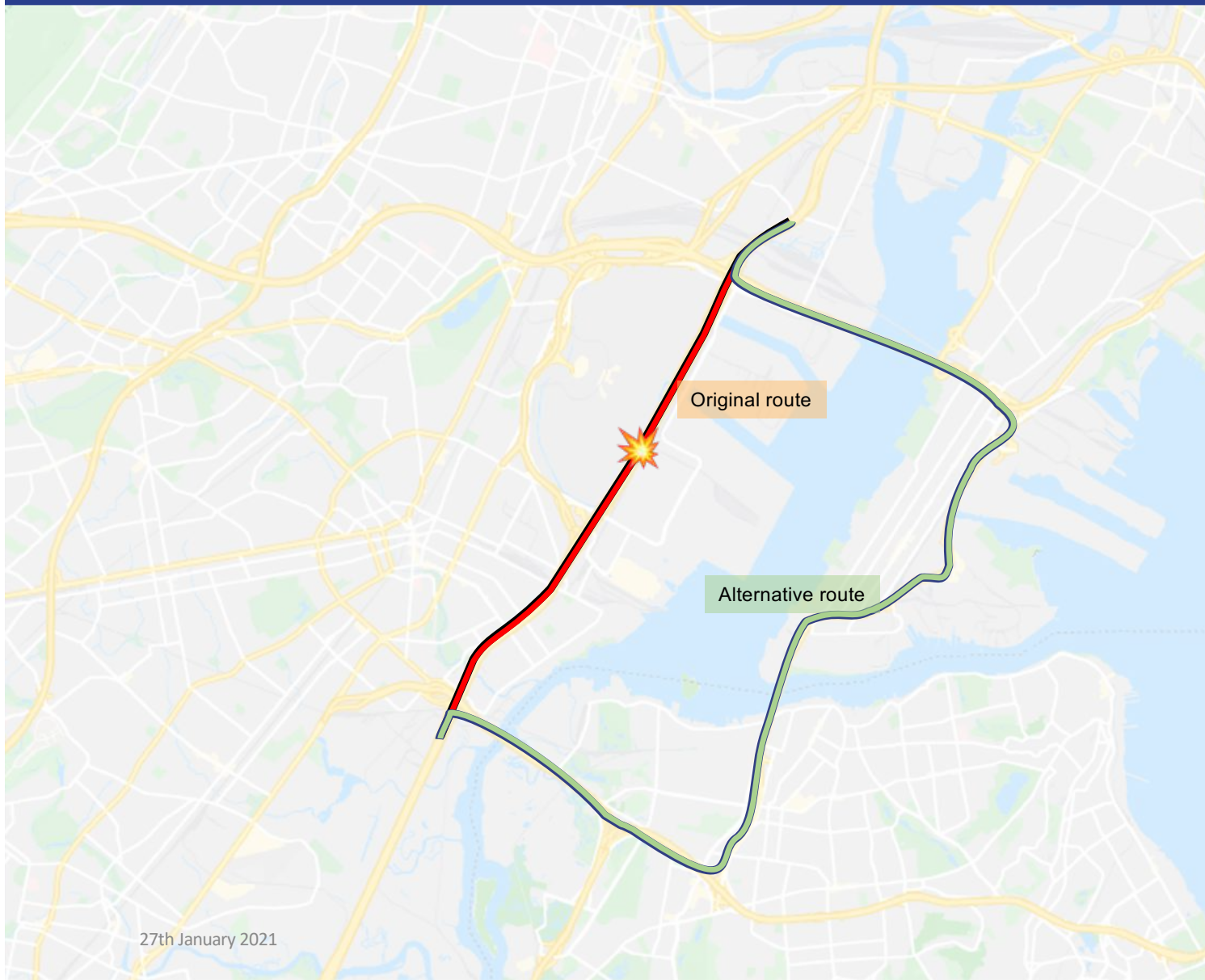
Rerouting

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Rerouting



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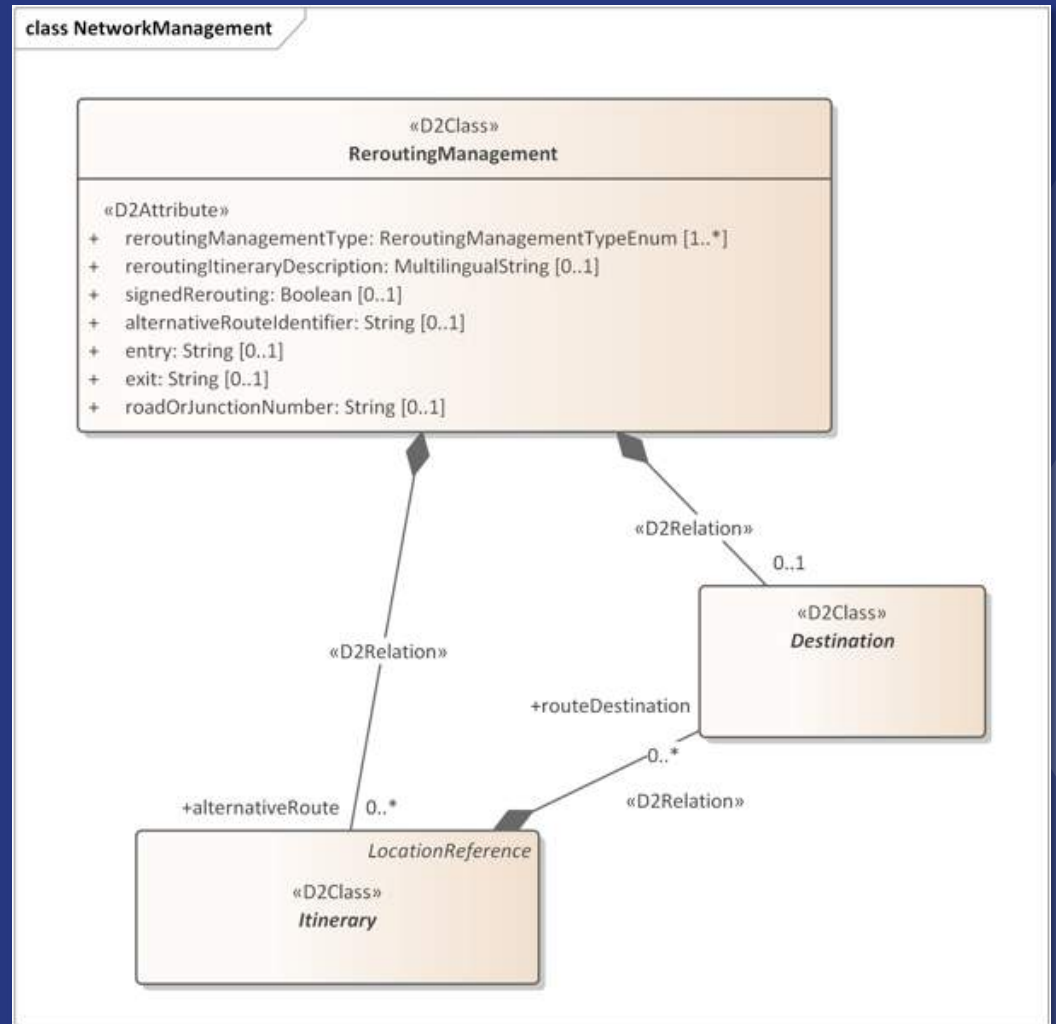
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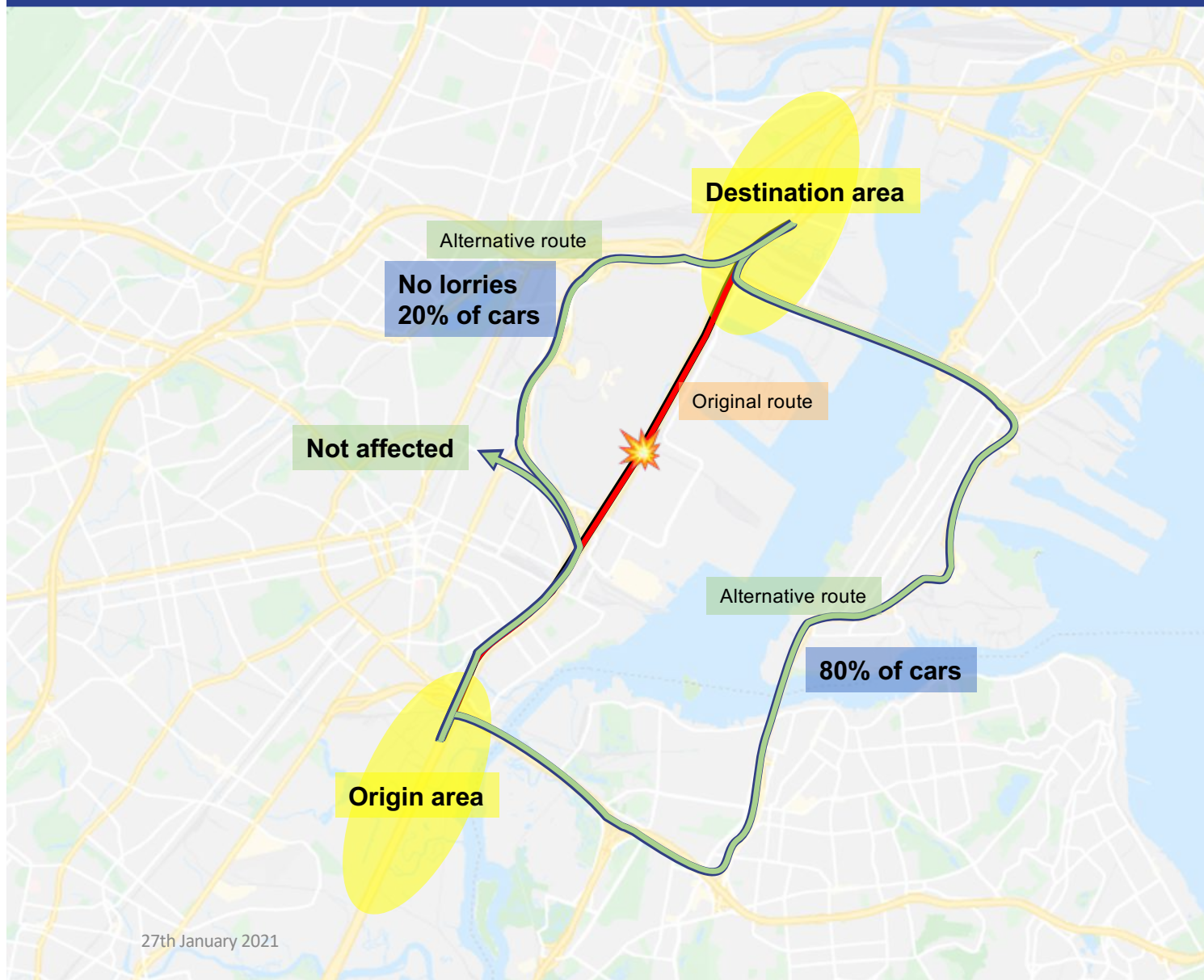


Existing Rerouting model

- Developed in the early days of DATEX
- Basic information about alternative route
- Limited capabilities
- New requirements arised > extensions have been developed



Rerouting Enhanced



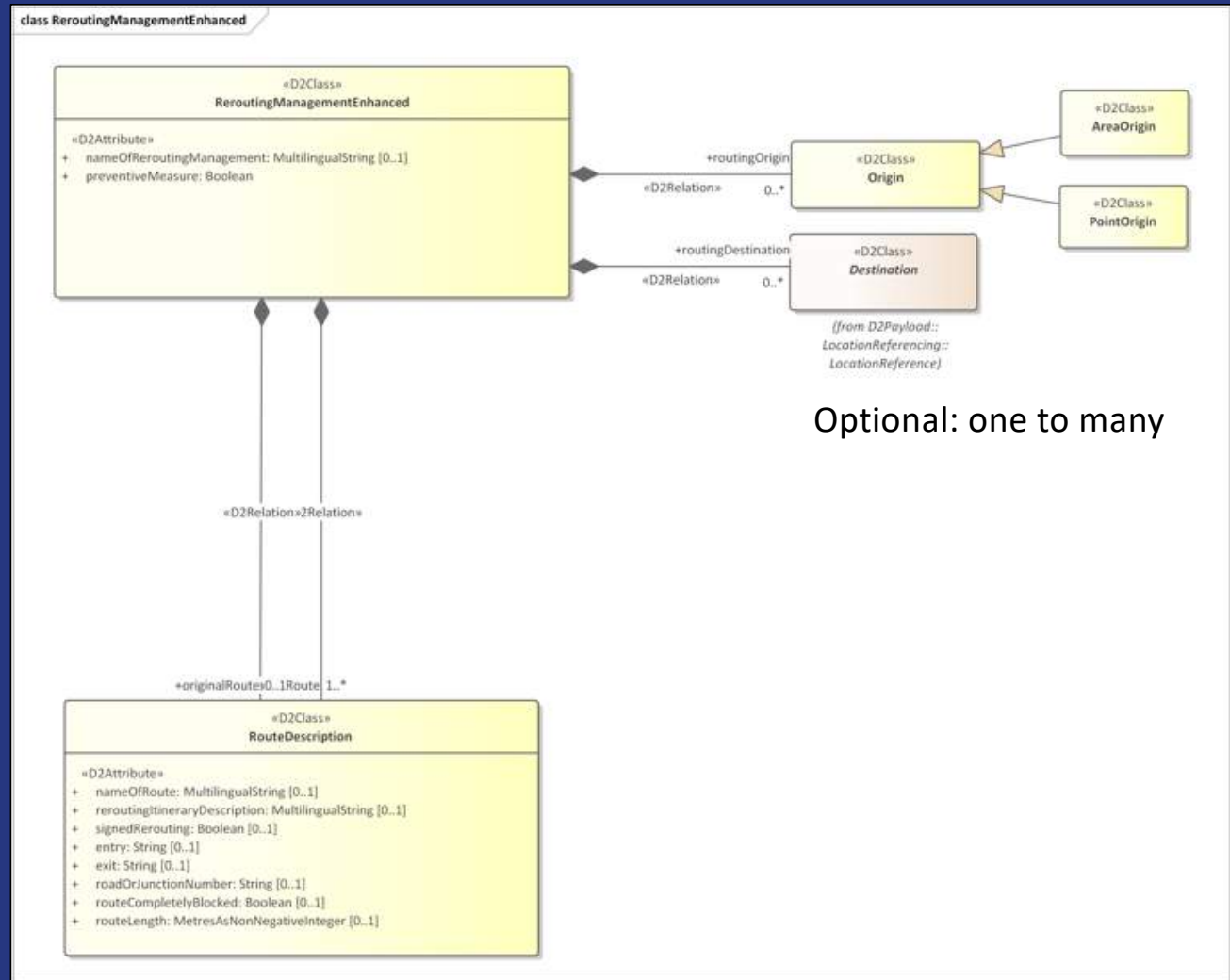
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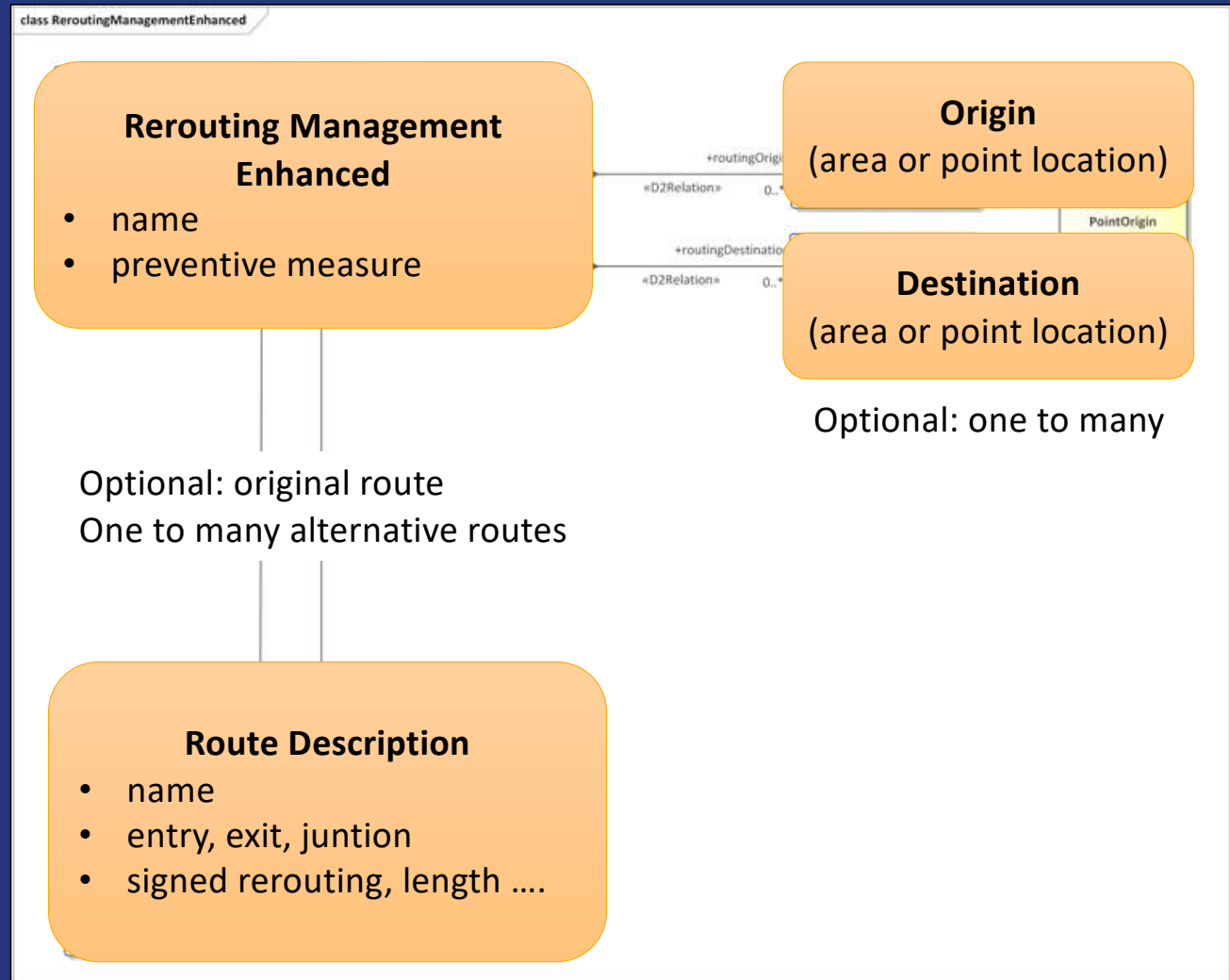
Rerouting Enhanced Model

- Origin and Destination are optional triggers to identify relevant traffic relations

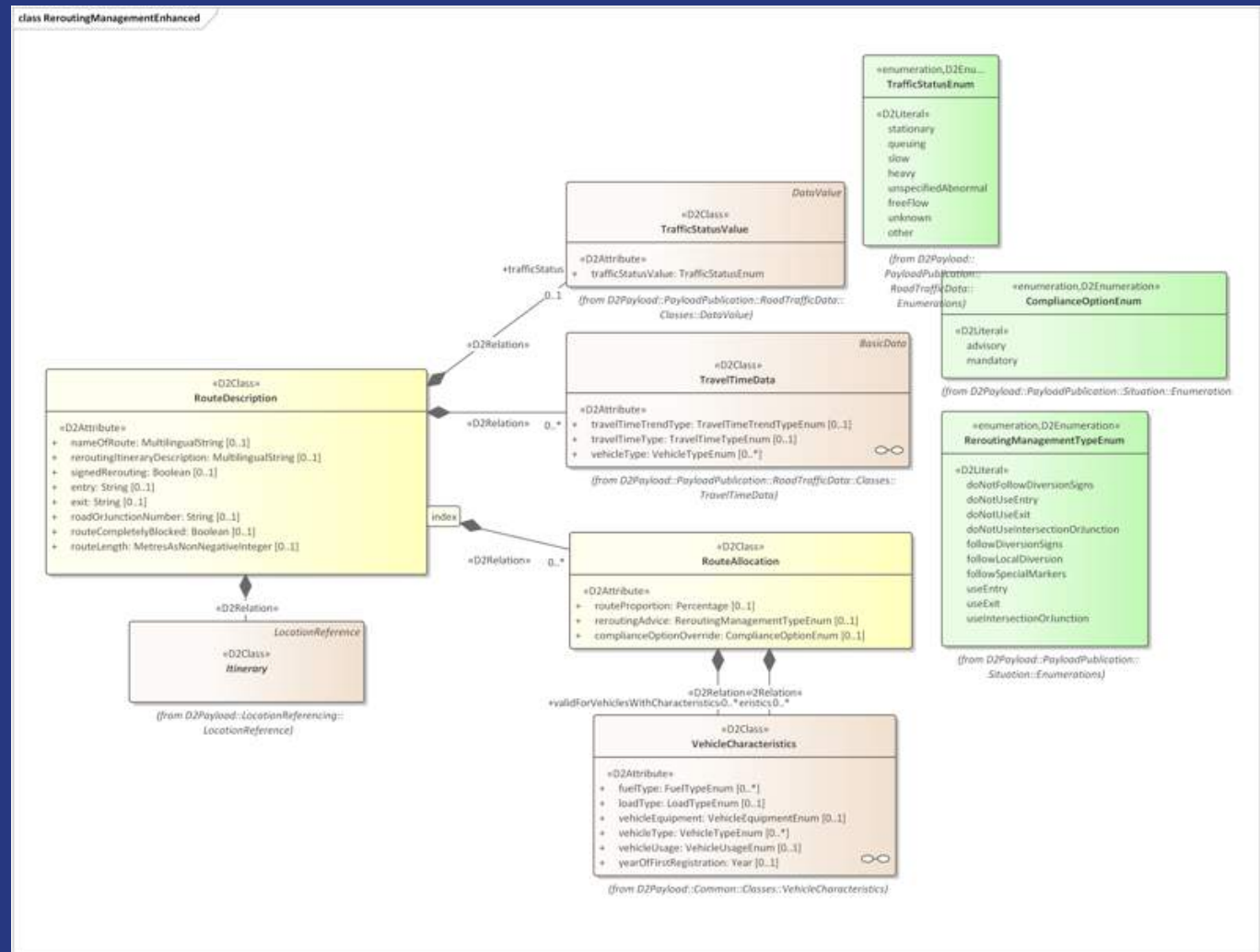


Rerouting Enhanced Model

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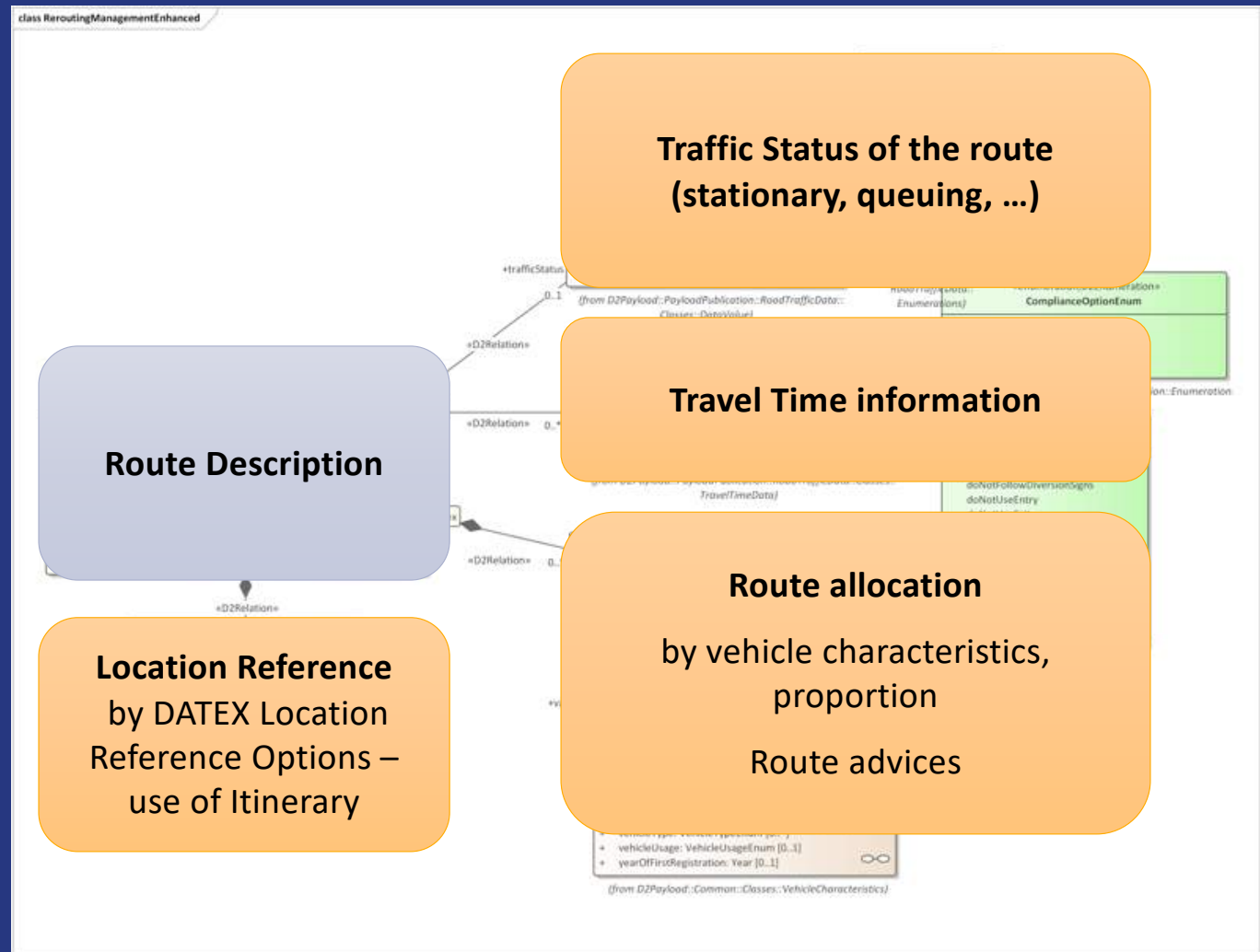


Route Description and route allocation

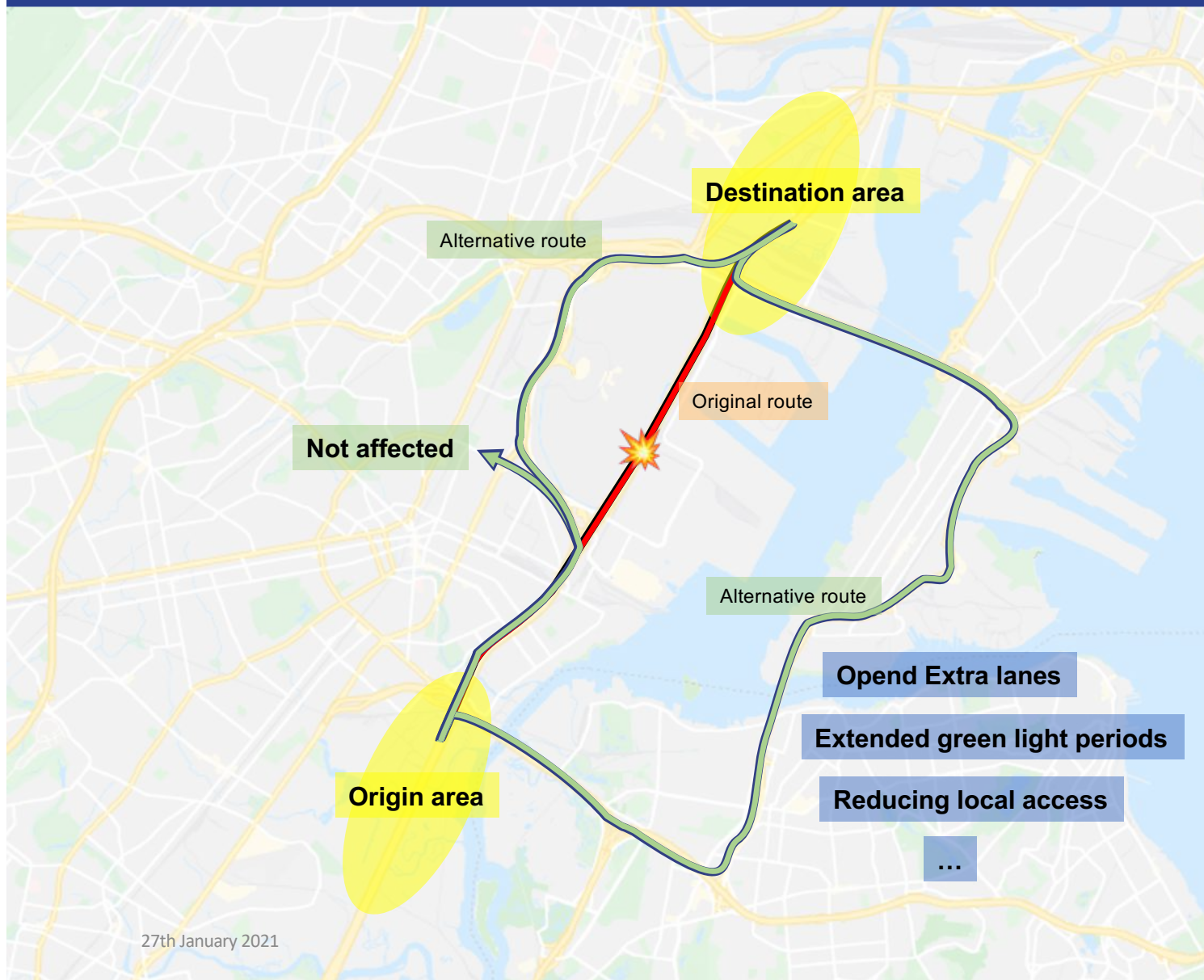


Route Description

and route allocation



Additional Measurements



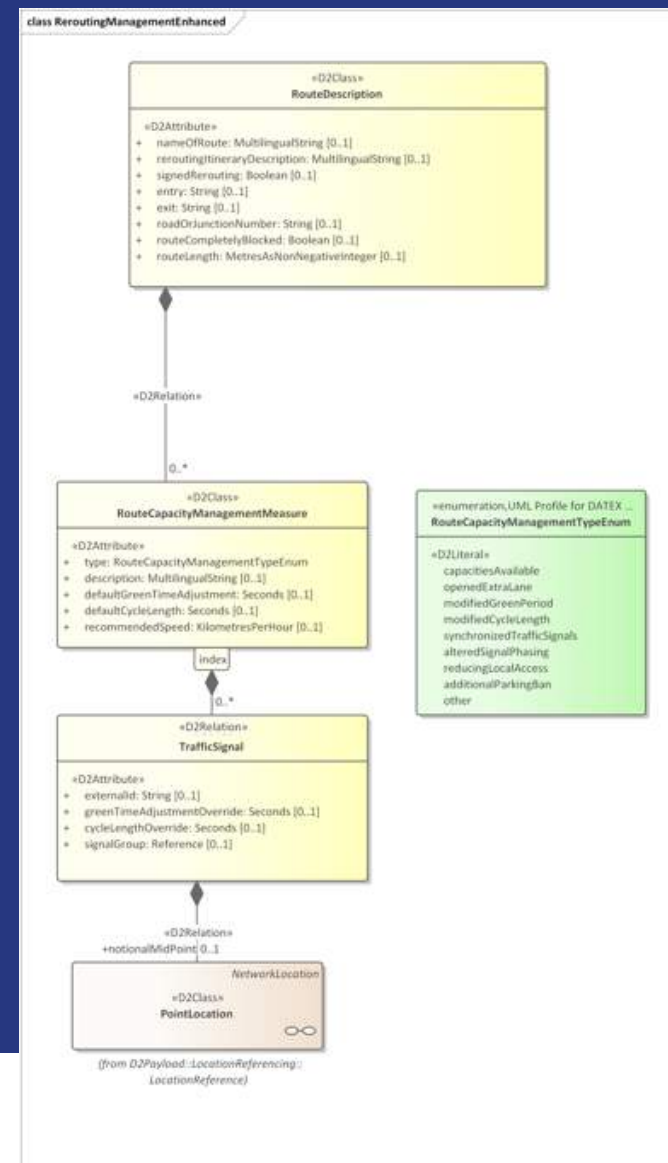
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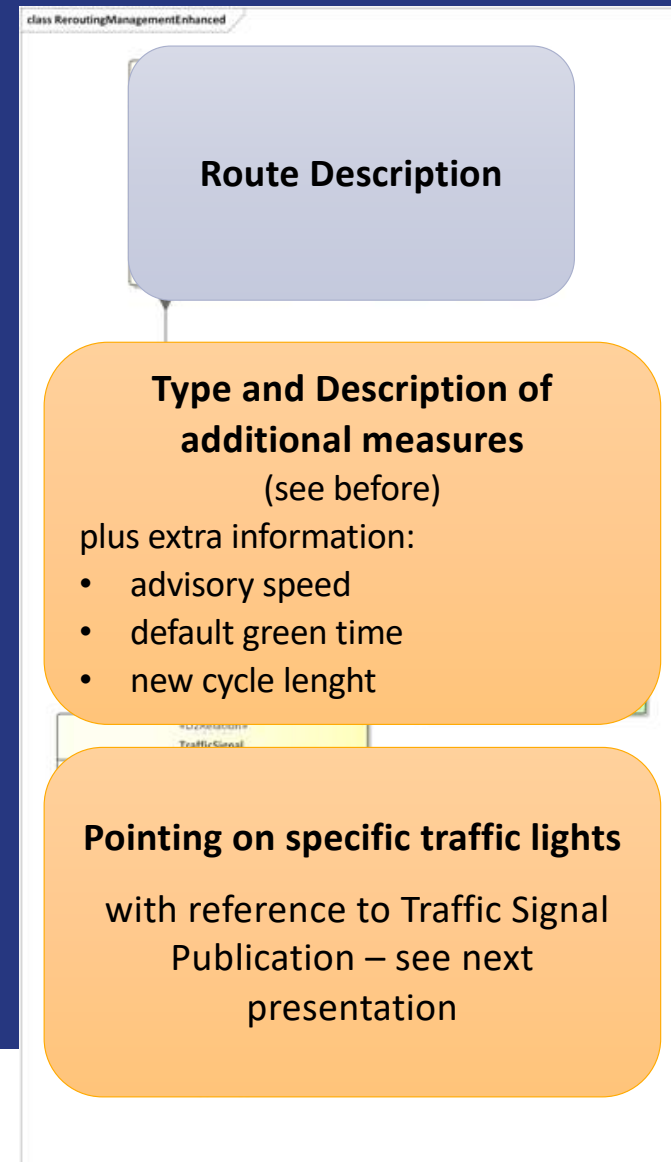
„Route Capacity Management Measures“

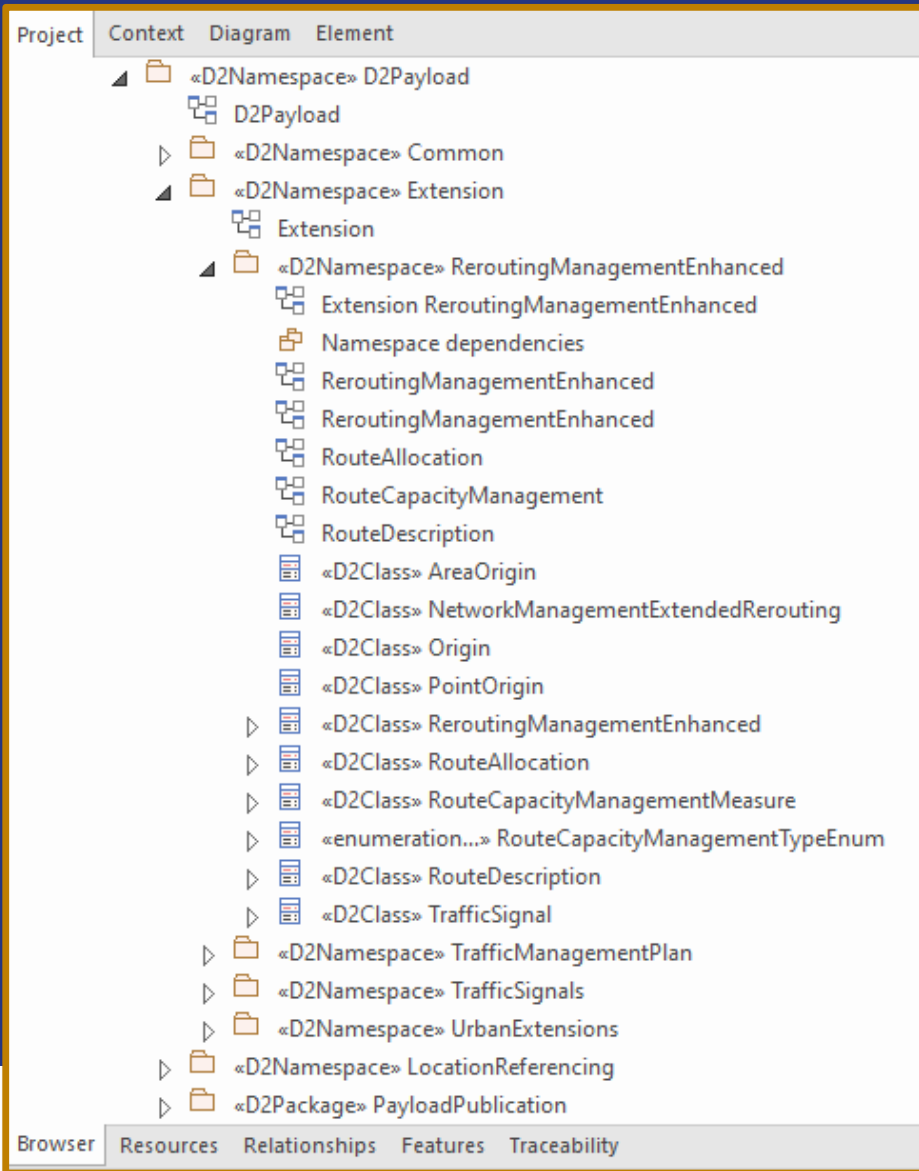
- Additional measures to improve traffic flow on the alternative routes
- Adding also negative impacts is planned (reduced capabilities)



„Route Capacity Management Measures“

- Additional measures to improve traffic flow on the alternative routes
- Adding also negative impacts is planned (reduced capabilities)





DATEX model

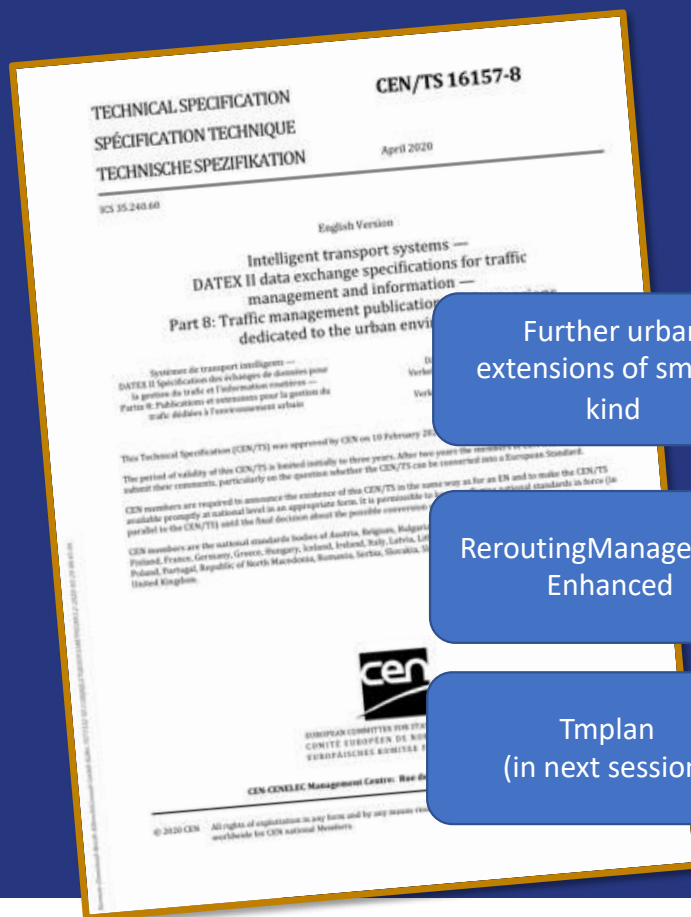
- Rerouting management enhanced is embedded as extension, because existing model is not yet replaced
- Uses SituationPublication (- NetworkManagement) as a base

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CEN/TS 16157-8



Further urban extensions of smaller kind

ReroutingManagement Enhanced

Tmplan (in next session)

DIN CEN/TS 16157-8:2020-06
CEN/TS 16157-8:2020 (E)

Contents

Page

European foreword.....	4
Introduction	5
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	7
4 Symbols and abbreviations	8
5 Conformance	8
6 UML notation	8
7 «D2Namespace» UrbanExtensions	9
7.1 Overview	9
7.2 ClassifiedDelay Class.....	9
7.3 EquipmentOrSystemType Class.....	11
7.4 GeneralInstructionsToRoadUsers Class	12
7.5 GeneralNetworkManagementType Class	12
7.6 InfrastructureDamageType Class	13
7.7 InfrastructureDescriptor Class	13
7.8 LaneEnum Class	14
7.9 NonVehicularRoadUsers Classes	15
7.10 ObstructionType Class	16
7.11 RoadOrCarriagewayOrLaneManagement Class	17
7.12 StreetWorks Class	18
7.13 VehicleType Class.....	19
8 «D2Namespace» ReroutingManagementEnhanced.....	19
8.1 Overview	19
8.2 Semantics – Rerouting management and route description	21
8.3 Semantics – Route allocation	22
8.4 Semantics – Route capacity management	23
9 «D2Namespace» TrafficManagementPlan	24
9.1 Overview	24
9.2 «D2Package» TmplanTablePublication	25
9.3 «D2Package» TmplanOperationPublication.....	27
9.4 Traffic management extension for implementing action	30
9.5 Sign setting extension	31
Annex A (normative) Data Dictionary	33
A.1 Overview	33
A.2 Data Dictionary for “UrbanExtensions”	34
A.3 Data Dictionary of «D2Datatype» for “UrbanExtensions”	37
A.4 Data Dictionary of «D2Enumeration» for “UrbanExtensions”	37
A.5 Data Dictionary for “ReroutingManagementEnhanced”	44

27th January 2021

