

ROAD INSPECTION FORM

CASE NUMBER: _____

General

Road Information

Road Label		(A-Z)
Road number		
Road name		
Road type		2 = Principal arterial; 3 = Secondary arterial; 4 = Collector; 5 = Local; 8888 = Other; 9999 = Unknown
Round about type		2 = Normal; 3 = Mini; 4 = Small; 5 = Double; 6 = Separated; 8888 = Other
Road administrator		2 = National; 3 = Regional; 4 = Local; 5 = Private; 9999 = Unknown
Road network classification (only on state roads)		2 = European road; 3 = National road; 4 = County road; 5 = Private; 7777 = Not Applicable
EuroRAP-stars		1-4 = 1-4 stars; 6 = not rated; 7777 = Not Applicable; 9999 = Unknown
EuroRAP-star rating date		yyyy/mm/dd

Traffic at accident time

Traffic flow at accident time	
Traffic at accident time, level of confidence	
Truck traffic at accident time	
Truck traffic at accident time, level of confidence	

Speed

Original speed limit	Recommended Speed	Speed limit at accident time	Speed at accident time

w= walking speed, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130

Type of additional speed limit		1 = none; 2 = temporary; 3 = variable (dynamic); 4 = recommended
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Sight Line

Sight restrictions contributed to the accident		0 = No; 1 = Yes
Restricted sightline, left (intersection)		0 = No; 1 = Yes
Restricted sightline, right (intersection)		0 = No; 1 = Yes
Restricted sightline, along path		0 = No; 1 = Yes
Main cause of blind		2 = Vegetation/embankment; 3 = Signs; 4 = Billboard; 5 = Urban furniture; 6 = Walls/dwellings; 7 = Temporary cause; 8 = Elements linked to road works; 9 = Temporary signs; 10 = Parked vehicles; 11 = Vehicles in circulation (traffic); 12 = Atmospheric conditions; 8888 = Other

Traffic

VEHICLE	Cars	Trucks
Average annual daily traffic (only on state roads)		
AADT, level of confidence (only on state roads)		
Measured in year (only on state roads)		
Average speed on road for cars, day (only on state roads)*		
*Traffic flow when measured		
Average speed on road for cars, night (only on state roads)**		
**Traffic flow when measured		
Measured between		yyyyymmdd
and		yyyyymmdd

General		
Curve radius, R [m]		
Roadway width [m]		
Road gradient [%]		
Construction / maintenance zone		2 = None; 3 = Construction Zone; 4 = Maintenance Zone; 5 = Utility Zone
Traffic control plan (only if construction/maintenance zone)		0 = No; 1 = Yes; 7777 = Not Applicable; 9999 = Unknown
Control of Traffic control plan		0 = No; 3 = Yes, approved; 4 = Yes, not approved; 5 = Yes, unknown; 7777 = Not Applicable
Did signage contribute to the accident		0 = No; 2 = Yes (give details and take photos); 3 = Possibly (give details and take photos); 9999 = Unknown
Location of the curve		2 = No curve; 3 = Isolated curve; 4 = First in a series of curves; 5 = Curve within a series of curves
Was there any specific equipment on the road?		0 = No; 2 = Yes, comment

Geometry														
<table border="1"> <thead> <tr> <th colspan="3">Horizontal Geometry</th> </tr> <tr> <th>Before Locus</th> <th>At Locus</th> <th>Beyond Locus</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3">2 = Left sharp; 3 = Left; 4 = Left slight; 5 = Straight; 6 = Right slight; 7 = Right; 8 = Right sharp; 9999 = Unknown</td> </tr> </tbody> </table>			Horizontal Geometry			Before Locus	At Locus	Beyond Locus				2 = Left sharp; 3 = Left; 4 = Left slight; 5 = Straight; 6 = Right slight; 7 = Right; 8 = Right sharp; 9999 = Unknown		
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Bend direction at locus		2 = Bend left; 3 = Bend right												
Camber at locus		2 = Positive; 3 = None; 4 = Negative; 5 = Complex; 9999 = Unknown												

Vulnerable Road User		
Vulnerable Road User Facilities		
	A	B
Vulnerable road user facilities		
Bicycle lane - Roadway separation width (only if seperated)		
Kerb height		
Separation strip type		
Separation strip material		
Pedestrian crossing facilities		
Cycle crossing facilities		

2 = Mixed Traffic; 3 = Wide Shoulder; 4 = Bicycle Lane; 5 = Separated from roadway with kerb; 6 = Bicycle lane separated from roadway; 7 = Totally separated bicycle path

(m)

(mm)

2 = none; 3 = in-level area; 4 = elevated area; 5 = lowered area

2 = asphalt; 3 = grass; 4 = soil; 5 = gravel; 6 = leca; 7777 = Not Applicable; 9999 = Unknown

2 = None present; 3 = Desire line only; 4 = Crossing without markings; 5 = Marked pedestrian crossing without traffic signal; 6 = Marked pedestrian crossing with traffic signal; 7 = Pegasus Crossing; 8 = Pelicon Crossing; 9 = Puffin Crossing; 9999 = Unknown

2 = None present; 3 = Desire line only; 4 = Cycle passage; 5 = Marked crossing without traffic signal; 6 = Marked crossing with traffic signal; 9999 = Unknown

Road Area					
Road Design					
Road Component					
Road component type				2 = Barrier; 3 = Median barrier; 4 = Hard shoulder; 5 = Marking; 6 = Rumblestrip; 7 = Lane active; 8 = Lane inactive; 9 = Median	
Road component sub type				2 = Ahead; 3 = Ahead + left turn; 4 = Ahead + right turn; 5 = All directions; 6 = Cable; 7 = Concrete; 8 = Double dashed line; 9 = Double solid line; 10 = Elevated area, asphalt; 11 = Elevated area, grass; 12 = Elevated area, gravel; 13 = Elevated area, leca; 14 = Elevated area, other; 15 = Elevated area, soil; 16 = In-level area, asphalt; 17 = In-level area, grass; 18 = In-level area, gravel; 19 = In-level area, leca; 20 = In-level area, other; 21 = In-level area, soil; 22 = Left turn; 23 = Lowered area, asphalt; 24 = Lowered area, grass; 25 = Lowered area, gravel; 26 = Lowered area, leca; 27 = Lowered area, other; 28 = Lowered area, soil; 29 = None; 32 = Right turn; 33 = Single dashed line; 34 = Single solid line; 35 = Solid-dashed left; 36 = Solid-dashed right; 37 = Steel beam; 38 = Steel tube; 40 = Yes, grooved; 41 = Yes, painted; 42 = Yes, stamped; 7777 = Not Applicable; 8888 = Other; 9999 = Unknown	
Road component width				(m)	
Junction travel direction				2 = In; 3 = Out; 7777 = Not Applicable; 9999 = Unknown	
Maintained marking				2 = Yes, it is intact; 3 = No, it is worn; 7777 = Not Applicable; 9999 = Unknown	
Barrier					
Road Barrier					
Barrier capacity class				2 = N2; 3 = H2; 4 = Not classified; 9999 = Unknown	
Barrier working width				(m)	
Roadside barrier set back				(m)	
Lane					
Road Surface					
	LANE ID	1	2	3	4
Design order					
Roadway surface type					2 = Asphalt; 3 = Drainage Asphalt; 4 = Gravel; 5 = Concrete; 6 = Brick; 7 = Block; 7777 = Not Applicable; 8888 = Other; 9999 = Unknown
Road surface contaminants					2 = None; 3 = Mud; 4 = Gravel; 5 = Leaves; 6 = Oil; 7 = Fuel; 8 = Dropped tires; 9 = Discarded load; 10 = Multiple, comment; 7777 = Not Applicable; 8888 = Other
Road conditions					2 = Dry; 3 = Wettiish; 4 = Wet; 5 = Thin ice; 6 = Thick ice/packed snow; 7 = Fresh snow/slash; 8 = Hail; 8888 = Other; 9999 = Unknown
Snow depth					(cm)
Road surface temperature					(degrees C)
Snow clearance status					2 = Cleared; 3 = Not Cleared; 7777 = Not Applicable; 9999 = Unknown
Snow clearance date					yyyyymmdd
Skid-control status					2 = Skid control performed; 3 = No skid control performed; 7777 = Not Applicable; 9999 = Unknown
Skid-control date					yyyyymmdd
Microscopic road surface condition					(mm)
Macroscopic road surface condition					2 = None; 3 = Lane grooves; 4 = Tram rails; 5 = Potholes; 6 = Asphalt patchwork; 7 = Bitumen patchwork; 8 = Bleeding asphalt; 9 = Multiple, comment; 8888 = Other
Road friction coefficient (table value)					
Road friction coefficient (measured value)					
Track depth					(mm)
Track depth according to inspector					(mm)
Lane cross fall %					
Lane cross fall according to inspector					
Traffic Regulation					
	LANE ID	1	2	3	4
Restrictions in passing/overtaking					0 = No; 3 = Yes, No passing sign; 4 = Yes, No passing for heavy vehicles; 5 = Yes, No passing + special rule; 9999 = Unknown
Traffic regulation					2 = Right-side priority rule; 3 = Priority road; 4 = Mandatory give-way; 5 = STOP-sign; 6 = Traffic lights; 7 = Weaving; 8 = Entrance; 7777 = Not Applicable; 9999 = Unknown
Traffic light type					2 Ordinary, red, yellow, green; 3 Right-turn; 4 Left-turn; 5 Public transport signal; 8888 Other; 9999 Unknown
Traffic light function					2 = In operation; 3 = Amber flashing light; 4 = Out of order; 9999 = Unknown
Special lane type					0 = No; 1 = Yes; 9999 = Unknown

Road Side			
Road Side			
1. Drop-off height (mm)		4. Ditch depth towards the back	
2. Support strip width (m)		5. Slope length (m)	
3. Ditch depth (m)		6. Slope gradient (m)	
Support strip material stiffness		2= Hard; 3= Medium; 4= Light, 7777 = Not Applicable	
	Slope 1	Slope 2	
Material in slope			2 = Grass; 3 = Soil; 4 = Gravel; 5 = Leca; 6 = Asphalt
Material stiffness			2 = Hard; 3 = Medium; 4 = Light
Distance to rigid object		(m)	
Reduced view in road side		0= No, 1= Yes	
Collision Objects			
Create/Edit Collision Object			
Object number	1	2	3
Type of object (see * below)			
Distance from road edge [m]			
Single object width [cm]			
Single object deformable			
Collision vehicle			
2 = Animal; 3 = Boulder; 4 = Ground/ditch; 5 = Kerb; 6 = Building; 7 = Bridge abutment; 8 = Bridge pier; 9 = Bridge parapet; 10 = Overpass; 11= Barrier; 12 = Barrier end with energy absorbing structure; 13 = Barrier end; 14 = Crash cushion; 15 = Traffic sign post; 16 = Traffic signal post; 17 = Overhead sign support; 18 = Light post; 19 = Post, other; 20 = Culvert; 21 = Fence; 22 = Wall; 23 = Tree (standing tree only); 24 = Snow bank; 25 = Other			
* (cm) 2 = Not deformable; 3 = Break away design; 4 = Energy absorbing design; 5 = Brake away other; 6 = Deformable other; 9999 = Unknown			
Barrier Impacts			
Barrier	1	2	
Barrier name			text
Barrier capacity class			1= N2, 2=H2
Barrier working width [m]			
Barrier height [m]			
Element width [m]			
Element length [m]			
C/C length			
Barrier clearance [m]			
Barrier contact length [m]			
Barrier deformation length [m]			
Barrier deformation height [m]			
Barrier maximal deformation [m]			
Barrier screw dimension			2 = M10; 3 = M16; 7777 = Not Applicable; 8888 = Other; 9999 = Unknown
Barrier screw steel quality			2 = 4,6; 3 = 8,8; 7 = Unmarked; 7777 = Not Applicable; 8888 = Other; 9999 = Unknown
Animal			
Animal type		2 = Badger; 3 = Cow; 4 = Deer; 5 = Elk; 6 = Horse (without rider); 7 = Rein deer; 8 = Roe deer; 9 = Small domestic animals; 10 = Small wild animals; 11 = Wild boar; 7777 = Not Applicable; 8888 = Other; 9999 = Unknown	
Animal weight [kg]			