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
Round about type		2 = Normal; 3 = Mini; 4 = Small; 5 = Double; 6 = Separated
Road administrator		2 = National; 3 = Regional; 4 = Local; 5 = Private
Road network classification (only on state roads)		2 = European road; 3 = National road; 4 = County road; 5 = Private
EuroRAP-stars		1-4 = 1-4 stars; 6 = not rated
EuroRAP-star rating date		yyyymmdd

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

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

Type of additional speed limit		2 = None; 3 = Temporary; 4 = Variable (dynamic); 5 = Recomended

When applicable, use below proposed codes.

—= Not applicable (7777) OT= Other (8888) U= Unknown (9999)

Sight Line		
Sight restrictions contributed to the accident		0 = No; 1 = Yes
Restricted sightline, left (intersection)		
Restricted sightline, right (intersection)		
Restricted sightline, along path		
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

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		yyyymmdd
and		yyyymmdd

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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
Control of Traffic control plan		0 = No; 3 = Yes, approved; 4 = Yes, not approved; 5 = Yes, unknown
Did signage contribute to the accident		0 = No; 2 = Yes (give details and take photos); 3 = Possibly (give details and take photos)
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

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		

Vertical Geometry		
Before Locus	**At Locus**	**Beyond Locus**
2 = Up steep; 3 = Up; 4 = Up slight; 5 = Level; 6 = Down slight; 7 = Down; 8 = Down steep		

Bend direction at locus		2 = Bend left; 3 = Bend right
Camber at locus		2 = Positive; 3 = None; 4 = Negative; 5 = Complex

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Vulnerable Road User

Vulnerable Road User Facilities

	A	B	
Vulnerable road user facilities			2 = Mixed Traffic 3 = Wide Shoulder 4 = Bicycle Lane 5 = Separated from roadway with kerb 6 = Bicycle lane separated from roadway 7 = Totaly separated bicycle path
Bicycle lane - Roadway separation width (only if separated)			m
Kerb height			mm
Separation strip type			2 = None; 3 = In-level area; 4 = Elevated area; 5 = Lowered area
Separation strip material			2 = Asphalt; 3 = Grass; 4 = Soil; 5 = Gravel; 6 = Leca
Pedestrian crossing facilities		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	
Cycle crossing facilities		2 = None present 3 = Desire line only 4 = Cycle passage 5 = Marked crossing without traffic signal 6 = Marked crossing with traffic signal	

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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		*See below
Road component width		m
Junction travel direction		2 = In; 3 = Out
Maintained marking		2 = Yes, it is intact; 3 = No, it is worn

Barrier

Road Barrier

Barrier capacity class		2 = N2; 3 = H2; 4 = Not classified
Barrier working width		m
Roadside barrier set back		m

*Road component sub type

2 = Ahead	11 = Elevated area, grass	21 = In-level area, soil	32 = Right turn
3 = Ahead + left turn	12 = Elevated area, gravel	22 = Left turn	33 = Single dashed line
4 = Ahead + right turn	13 = Elevated area, leca	23 = Lowered area, asphalt	34 = Single solid line
5 = All directions	14 = Elevated area, other	24 = Lowered area, grass	35 = Solid-dashed left
6 = Cable	15 = Elevated area, soil	25 = Lowered area, gravel	36 = Solid-dashed right
7 = Concrete	16 = In-level area, asphalt	26 = Lowered area, leca	37 = Steel beam
8 = Double dashed line	17 = In-level area, grass	27 = Lowered area, other	38 = Steel tube
9 = Double solid line	18 = In-level area, gravel	28 = Lowered area, soil	40 = Yes, grooved
10 = Elevated area, asphalt	19 = In-level area, leca	29 = None	41 = Yes, painted
	20 = In-level area, other		42 = Yes, stamped

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Lane

Road Surface

LANE ID	1	2	3	4	
Design order					
Roadway surface type					See 1. below
Road surface contaminants					See 2. below
Road conditions					See 3. below

1. Roadway surface type	2. Road surface contaminants	3. Road conditions
2 = Asphalt	2 = None	2 = Dry
3 = Drainage Asphalt	3 = Mud	3 = Wettish
4 = Gravel	4 = Gravel	4 = Wet
5 = Concrete	5 = Leaves	5 = Thin ice
6 = Brick	6 = Oil	6 = Thick ice/packed snow
7 = Block	7 = Fuel	7 = Fresh snow/slash
	8 = Dropped tires	8 = Hail
	9 = Discarded load	
	10 = Multiple, comment	

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Road Surface (continued)

LANE ID	1	2	3	4	
Snow depth					(cm)
Road surface temperature					(degrees C)
Snow clearance status					See 1. below
Snow clearance date					yyyymmdd
Skid-control status					See 2. below
Skid-control date					yyyymmdd
Microscopic road surface condition					(mm)
Macroscopic road surface condition					See 3. below
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					

1. Snow clearance status	2. Skid-control status	3. Macroscopic road condition
2 = Cleared 3 = Not Cleared	2 = Skid control performed 3 = No skid control performed	2 = None 3 = Lane grooves 4 = Tram rails 5 = Potholes 6 = Asphalt patchwork 7 = Bitumen patchwork 8 = Bleeding asphalt 9 = Multiple

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Traffic Regulation					
LANE ID	**1**	**2**	**3**	**4**	
Restrictions in passing/overtaking					See 1. below
Traffic regulation					See 2. below
Traffic light type					See 3. below
Traffic light function					See 4. below
Special lane type					0 = No; 1 = Yes

1. Restrictions in passing/overtaking	2. Traffic regulation	3. Traffic light type	4. Traffic light function
0 = No 3 = Yes, No passing sign 4 = Yes, No passing for heavy vehicles 5 = Yes, No passing + special rule	2 = Right-side priority rule 3 = Priority road 4 = Mandatory give-way 5 = STOP-sign 6 = Traffic lights 7 = Weaving 8 = Entrance	2 = Ordinary, red, yellow, green 3 = Right-turn 4 = Left-turn 5 = Public transport signal	2 = In operation 3 = Amber flashing light 4 = Out of order

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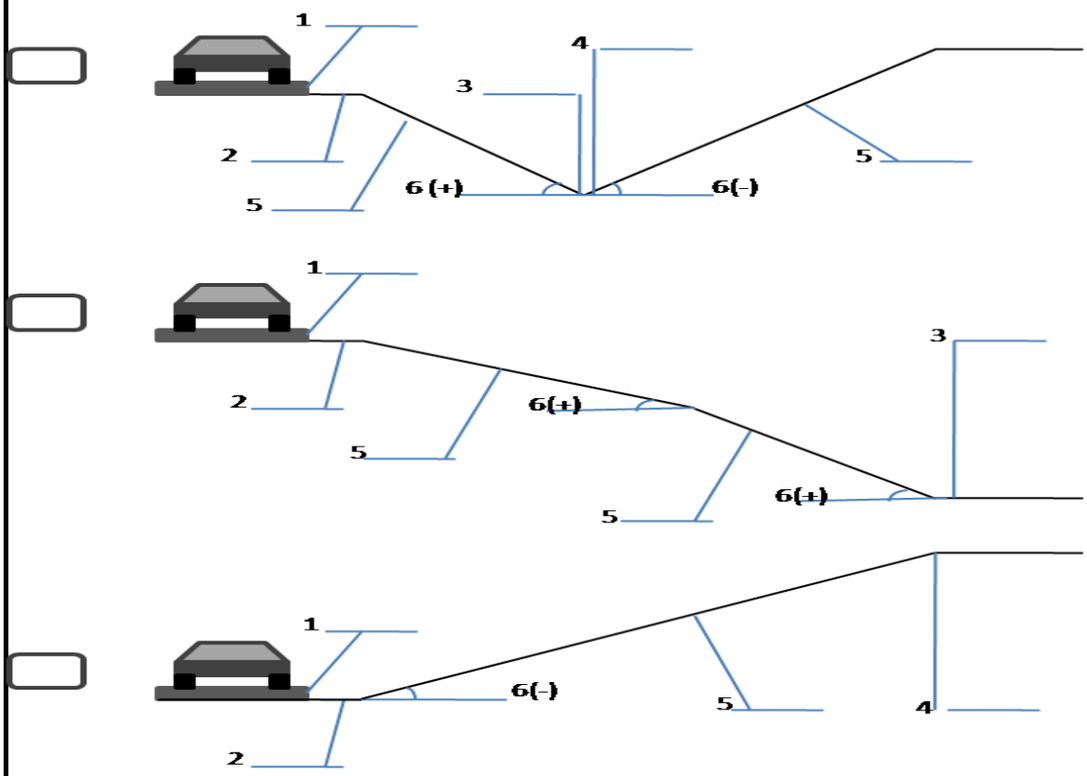
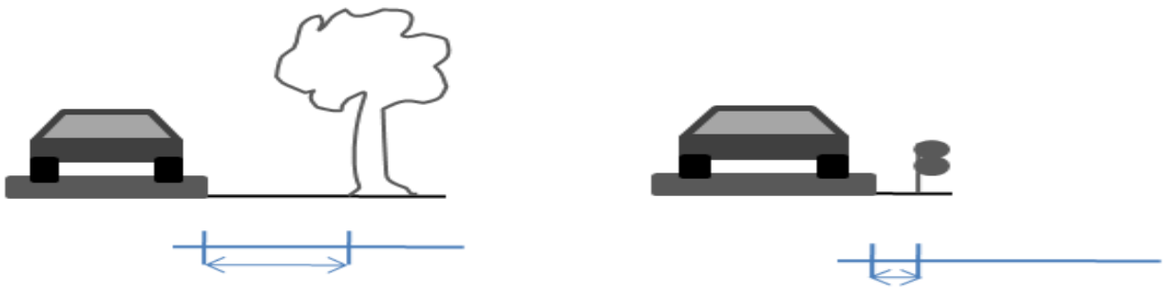
Road Side

1. Drop-off height (mm)		4. Ditch depth towards the back slope (m)	
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

	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

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Collision Objects

Create/Edit Collision Object

Object number	1	2	3	4	
Type of object					See 1. below
Distance from road edge					m
Single object width					cm
Single object deformable					See 2. below
Collision vehicle					

1. Type of object

2 = Animal	10 = Overpass	18 = Light post
3 = Boulder	11= Barrier	19 = Post, other
4 = Ground/ditch	12 = Barrier end with energy absorbing structure	20 = Culvert
5 = Kerb	13 = Barrier end	21 = Fence
6 = Building	14 = Crash cushion	22 = Wall
7 = Bridge abutment	15 = Traffic sign post	23 = Tree (standing tree only)
8 = Bridge pier	16 = Traffic signal post	24 = Snow bank
9 = Bridge parapet	17 = Overhead sign support	25 = Other

2. Single object deformable

2 = Not deformable	5 = Brake away other
3 = Break away design	6 = Deformable other
4 = Energy absorbing design	

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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 max. deformation [m]			
Barrier screw dimension			2 = M10; 3 = M16
Barrier screw steel quality			2 = 4,6; 3 = 8,8; 7 = Unmarked

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
Animal weight [kg]		

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