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
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; 9999 = Unknown

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; 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	yyyymmdd
and	yyyymmdd

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

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		

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; 9999 = Unknown		

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			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 seperated)			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; 7777 = Not Applicable; 9999 = Unknown

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; 9999 = Unknown
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; 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		*See below
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;

Barrier

Road Barrier

Barrier capacity class		2 = N2; 3 = H2; 4 = Not classified; 9999 = Unknown
Barrier working width		m
Roadside barrier set back		m

*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;

Lane

Road Surface

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

1. Design Order

2 = Asphalt; 3 = Drainage Asphalt; 4 = Gravel; 5 = Concrete; 6 = Brick; 7 = Block; 7777 = Not Applicable; 8888 = Other; 9999 = Unknown

2. Roadway surface type

2 = Asphalt; 3 = Drainage Asphalt; 4 = Gravel; 5 = Concrete; 6 = Brick; 7 = Block; 7777 = Not Applicable; 8888 = Other; 9999 = Unknown

3. 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

4. Road conditions

2 = Dry; 3 = Wettish; 4 = Wet; 5 = Thin ice; 6 = Thick ice/packed snow; 7 = Fresh snow/slash; 8 = Hail; 8888 = Other; 9999 = Unknown

Road Surface (continued)

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 = Cleared; 3 = Not Cleared; 7777 = Not Applicable; 9999 = Unknown

2. Skid-control status

2 = Skid control performed; 3 = No skid control performed; 7777 = Not Applicable; 9999 = Unknown

3. Macroscopic road 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

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; 9999 = Unknown

1. 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

2. 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

3. Traffic light type

2 = Ordinary, red, yellow, green; 3 = Right-turn; 4 = Left-turn; 5 = Public transport signal; 8888 = Other; 9999 = Unknown

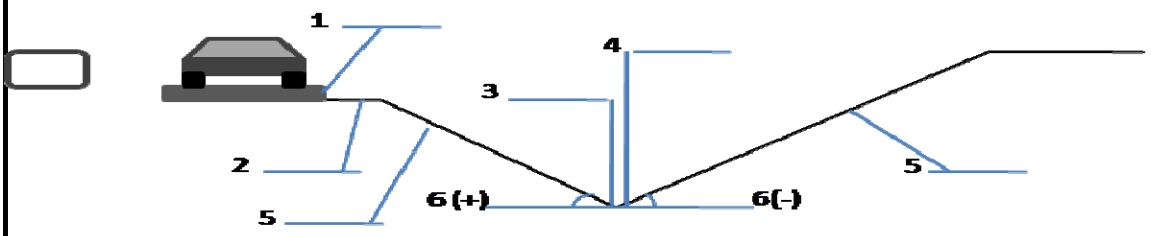
4. Traffic light function

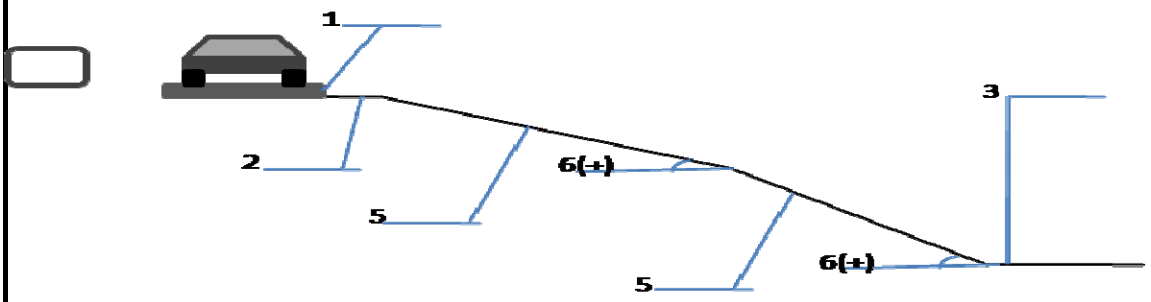
2 = In operation; 3 = Amber flashing light; 4 = Out of order; 9999 = Unknown

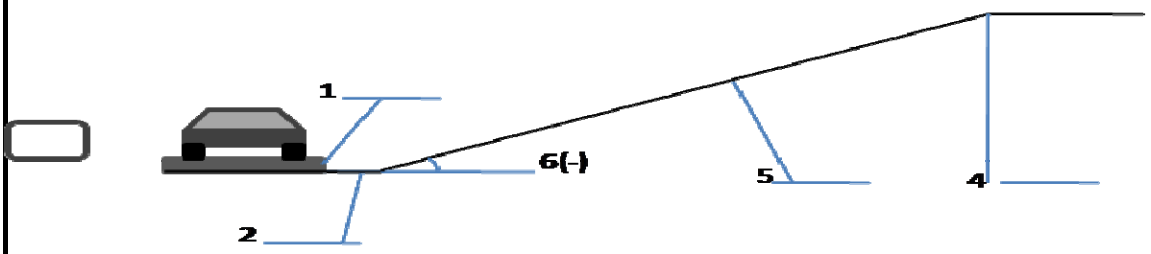
Road Side

Road Side

1. Drop-off height (mm)		4. Ditch depth towards the	
2. Support strip width (m)		5. Slope length (m)	
3. Ditch depth (m)		6. Slope gradient (m)	

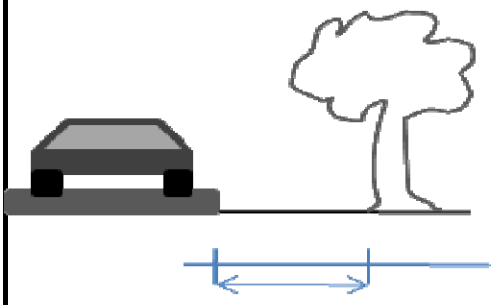


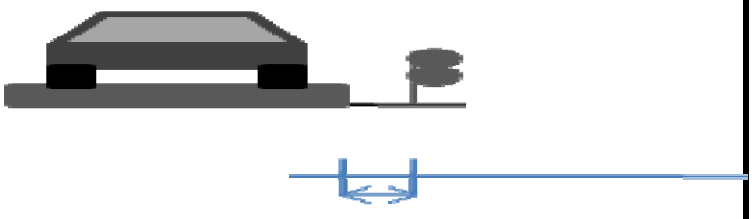




Support strip material stiffness		2= Hard; 3= Medium; 4= Light, 7777 = Not Applicable

	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	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; 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

2. Single object deformable

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			See 1. below
Barrier screw steel quality			See 2. below

1. Barrier screw dimension

2 = M10; 3 = M16; 7777 = Not Applicable; 8888 = Other; 9999 = Unknown

2. 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]		