



3D Mapping Solutions GmbH
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Release notes

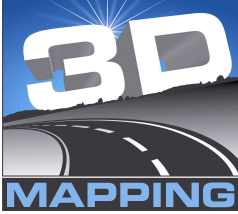
Route: A9 Nord
Release date: 2017-04-04
Recording Date: 2016-12

Files provided (included in 2017-04-04_Testfeld_A9_ Nord.zip) :

- 2017-04-04_Testfeld_A9_ Nord.xodr
- 2017-04-04_Testfeld_A9_ Nord _offset.xodr (offset_x: 677308, offset_y: 5425923)
- 2017-04-04_Testfeld_A9_ Nord _Release_notes.pdf
- 2017-04-04_Testfeld_A9_ Nord.kml

If you have any questions regarding the OpenDRIVE dataset please contact:

opendrive@3d-mapping.de



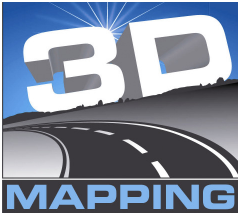
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[Area covered](#)

OpenDRIVE Reference lines: 2017-04-04_Testfeld_A9_Nord.kml

Route overview (ScenarioEditor):





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Objecttypes included:

Geometry	type	name	count
areas	roadMark	arrowStraight	7
points	pole	emergencyCallBox	34
points	pole	permanentDelineator	1154
ranges	bridge	concrete	3
repeat	barrier	guardRail	172
lines	gantry	gantry	22

Applied tests:

Planview / geometry elements

...ok

Lanegeometry / polynoms

...ok

Elevation / polynoms

...ok

Objects assigned properly

...ok

Signals assigned properly

...ok

Road connections / junctions

...ok

XSD – Schema Validation

...ok

XODR Validator – basic + additional rules

...ok

Userdata included:



1. Segment Data

Segment data for lane markings of type broken. Please note, not every roadMark entry of type "broken" needs to have an userData Entry. If the s-range is quite short no start or endpoint of a roadMark segment may be inside this range.

<OpenDRIVE>

<road name="" length="" id="" junction="-1">

<lanes>

<laneSection s="0">

<left>

<lane id="1" type="driving" level="False">

<roadMark sOffset="0.0" type="broken" weight="standard" color="standard" width="0.12">

<userData code="roadMarkSegmentData">

<start sOffset="1.1"/>

<end sOffset="2.3"/>

<start sOffset="3.1"/>

<end sOffset="4.7"/>

<start sOffset="6.8"/>

</userData>

</roadMark>

...



2. [Lane style](#)

This userData is interpreted by ROD (VIREs) and used for generating texture.

<OpenDRIVE>

```
<road name="" length="..." id="..." junction="-1">
```

```
<lanes>
```

```
<laneSection s="0">
```

```
<left>
```

```
<lane id="1" type="driving" level="False">
```

```
<userData code="viStyleDef">
```

```
<style sOffset="0.0" laneStyle="pav_restricted" />
```

```
</userData>
```

...

Release Notes 2017-03-24

Following data is not yet included and will be provided in the next update after clarification of some points that have to be discussed:

- Userdata for signals
- Passing rules on lane level
- Surface material code
- Lane speed data