Working efficiently and reliably using ELFF software
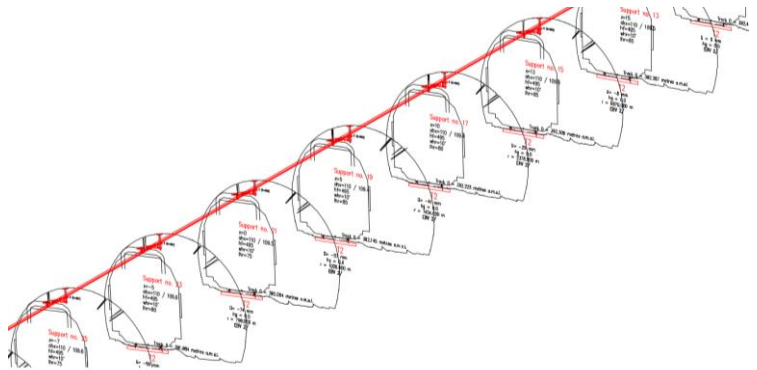
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Furrer+Frey®
Overhead contact lines

It's been a while since the last ELFF newsletter back in October 2015. In the past months many new users have been trained on the ELFF software. Due to time and pricing constraints on the projects, design houses have to find efficient solutions to deal with the increasing workloads. During the ELFF training sessions I had the chance to touch base with users from various companies. Their input was sobering: Layouts and cross sections often have to be drawn manually, not to mention the compilation of bills of quantities and other time consuming elements. It is surprising that many teams still work without tools whatsoever, as, considering the current scarcity of resources, these have to be utilised more efficiently than ever. In this newsletter I would like to show a new way of how the ELFF programme can help you and your company in your daily business. A good example being the ELFF-CASS tunnel/ conductor bar tool which is under current development. Please note that this tool would be a special feature and will not be included in a standard ELFF licence.
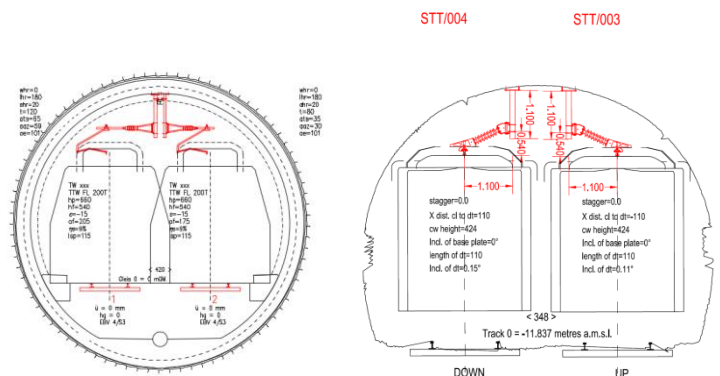
Martin Begré
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ELFF-CASS: Tunnel- conductor bar module

ELFF - CASS is an independent ELFF module, which supports designers in creating tunnel- conductor bar projects. Following a brief treatment of the input data, it will provide the required customer-specific output data, such as cross sections, bills of quantities and a BIM compliant 3D model. This is a great step forward - compared to the previous way of only producing typical cross sections in 2D - for all modern projects that take place in a BIM environment.

Layout model with cross sections included, for a proper overview

Tunnel cross section with single insulated cantilevers for a full tensioned overhead contact line system

Tunnel cross section generated automatically with the ELFF Software

In autumn 2016 we will migrate ELFF to the AutoCad 2017 version. Until that time (and thereafter a transition period) you will be able to continue working with the 2014 version. Once the ELFF version for AutoCad 2017 is released, only updates for this version will be supported.

Tunnel with conductor bar.
Location: Buschtunnel DE

Tunnel with conductor bar.
Location: Kerenzerberg CH

>> July 2016 ELFF User Session UK <<
(Further details will follow)