



Ostrava, 23.5.2011

STARS Mid-term Visit

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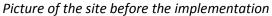
Project name (if any): Speed reducing on level crossing

Picture f the team



1. Project proposal

Optical - psychological brake which is installed on road surface. This type of optical - psychological brake is designed by prof. Pfleger from research institute EPIGUS in Wiena, is specially designed for level crossing. In The Czech republic haven't used yet.











2. Site to be treated

- Why this site?

We was looking for a suitable place for a long time. We researched statistic of accident on level crossing which provided us Rail Safety Inspection. Finally we choose 3 level crossing. 2 of them were unusable for our project. For our project finally we selected level crossing between Malé a Velké Hoštice on the road I/56. His identification number is P 7868.

3. Content visit

We visited place where we are going to install optical - psychological brake on the 11.05.2011. After we met with our head of department doc. Ivana Mahdalová Ph.d. at our university.







4. Implementation process

We going to install our project in term 13.6.2011 - 19.6.2011. We would like to use thermoplastic material on our brake.

5. Next steps

In terms 11.6.2011 -19.6.2011 we would like measure speed before our installation, install our measures and measure speed after our implementation. Until 11.6.2011 we have to arrange all permit.







6. Additional information

During our research, on our spot was 2 accidents. First was 30.3.2011. There were 26 light injured people. Collision was between train and long vehicle. More information http://www.dicr.cz/26-zranenych-pri-stretnuti-na-prejezdu-1



Second was 2.4.2004. There were 3 light injured people. Collision was between taxi and train. More information http://www.dicr.cz/dalsi-nehoda-na-prejezdu-mezi-velkymi-a-malymi-hosticemi