**Appendix 3**

**(Paper format)**

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**«occupation» planning in train schedule**

**in the process of transport inFrastructure maitenance**

**SUMMARY**

The author suggests the mathematical model of «occupation» calendar planning which allows to estimate its use efficiency in terms of quantity, reduce influence of infrastructure maintenance process on the transportation process, improve works organization by infrastructure maintenance and thus to cut down the expenses.

The objective of «occupation» calendar planning covers combinatorial class of tasks – with time sequencing and during various processes and works (which are partially ordered under manufacturing sequence of their implementation). The task is examined in the traditional statement, i. e. taking into account manufacturing sequence of works, rules and regulations.

*(600 characters or 12–15 lines)*

**Keywords:** infrastructure maintenance, traffic organization, «occupation» planning, train schedule, train delays.

*(Not less than 5 keywords)*