

12 QUESTIONS · 3 PHASES

TRACK POSSESSION PLANNING: WHAT TO SETTLE WHEN

The need for a track possession is often registered years before the work, while the construction process is still rough. Methods and details can be optimized later, but the operational framework hardly can. This checklist shows which questions you can settle in which phase, so the construction process fits the possession in the end.

HOW IT WORKS

Tick off what is already settled for your project in its current phase. Open points from earlier phases come first.

PHASE 1

REGISTRATION

Use rough data to register a possession requirement that will hold.

- 1

Which construction methods are possible, and how do their possession needs differ?
The method drives possession time more than any detail optimized later.

☐ settled
- 2

Do you need one continuous closure or several separate possessions?
Short possessions leave no room for delays in the chain of activities. Long closures add parallel trades and interfaces.

☐ settled
- 3

Do standard possession times fit your project?
If you expect bottlenecks, tight space, few access points or large material movements, the standard value is often not enough.

☐ settled
- 4

Which variants are you keeping open?
As long as the operational framework is not fixed, variants can still be compared. A first simulation with 2D drawings, a rough activity structure and experience values shows which one holds.

☐ settled

PHASE 2

PLANNING

By contract award, settle on a construction process that works in time, space and logistics.

- 5

Is it clear which areas are occupied at any given time?
Work, storage and site setup areas are often needed at the same time.

☐ settled
- 6

Have access roads, haul routes and bottlenecks been checked for all material movements?
Schedules show time well, but space poorly.

☐ settled
- 7

Are spatial and technical dependencies between trades mapped?
A trade that may start according to the schedule often cannot actually work yet.

☐ settled
- 8

Does the chain of activities run all the way to the return to operation, planned with net possession time?
Clearing the site, testing, removing temporary works and recommissioning belong in the process. Operational, safety and logistics activities use up possession time.

☐ settled

PHASE 3
BEFORE EXECUTION
Secure the process so it holds even when something deviates.

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| 9 | Are productivity rates adapted to the actual site?
Ideal or experience-based values are not enough. Travel, setup and ancillary times belong in them. | ☐ settled |
| 10 | Can every float actually be used?
If the next activity needs the same area, machine or access road, lost time cannot be recovered by working in parallel. | ☐ settled |
| 11 | Is there a backup strategy for critical machines and resources?
The most expensive mistake is the one on the critical path that is found late. | ☐ settled |
| 12 | Are interim states and handover points agreed with everyone involved and documented?
This includes design, construction operations, timetabling, construction companies, safety and specialist trades. | ☐ settled |

THE EARLIER YOU TEST, THE MORE YOU CAN STILL CHANGE.

In phase 1, construction process simulation compares variants and backs up the registered possession requirement. In phases 2 and 3, it tests whether the plan works in time, space and logistics.

YOUR OPEN POINTS


DISCUSS YOUR OPEN POINTS?

We'll look at your possession together and show which questions a simulation can already answer today.

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