Lesson 6
Project Scheduling Levels (Scheduling Engineer Responsibilities)

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Wide range of duties involving; initial job planning; scheduling of time; scheduling of materials, coordination of subcontractors; monitoring of job progress; analysis of changes, and problem solving.

Specifically, the scheduler will produce the contractor's Initial Schedule and then update the schedule throughout construction.

He or she will also use the schedule to analyze the impact of change orders, delays, and any other schedule disruptions.
Scheduling / Planning Engineer
Responsibilities -2

The scheduler works very closely with the **project manager**, **project execution team, and the subcontractors** during the preparations and updating of the construction schedule. Because of this, the scheduler must possess good **communication skills**.

He or she will continually be producing critical scheduling information for the project team's use.

Therefore, the scheduler maintains an **important support role to the project superintendent, project manager, and all other parties associated with the project.**
Scheduling Levels

**Level 1**: Schedule Executive Summary, also called a Project Master Schedule (PMS). 
*This is a major milestone type of schedule;*

**Level 2**: Schedule Management Summary, also called a Summary Master Schedule (SMS). 
*It depicts the overall project broken down into its major components by area and is used for higher-level management reporting.*

**Level 3**: Schedule Project Coordination Schedule (PCS) also called a Publication Schedule. 
*Initially developed as an integrated Critical Path Method overview of the project.*
Scheduling Levels

**Level 4:** Schedule Execution Schedule, also called a Project Working Level Schedule.

*Detailed working level schedule, where each schedule is an expansion of part of a Level 3 schedule*

**Level 5:** Schedule Detail Schedule.

*The further breakdown of the activities of a Level 4 Schedule.*
Questions & Discussion