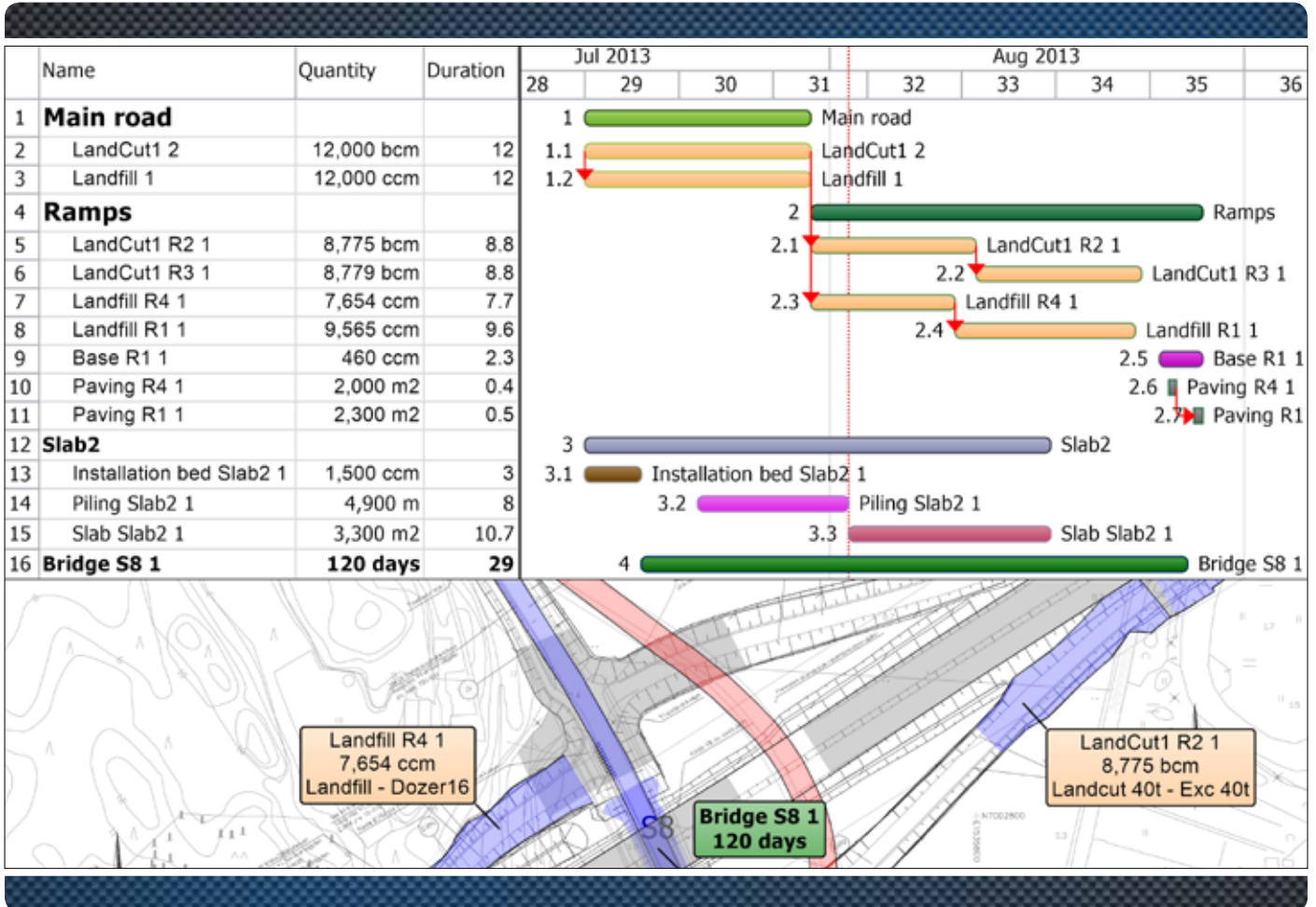


Scheduling, Production and Earth Moving Management



- Mass Haul Management
- Gantt Chart Schedules
- Resource Planning
- Traffic Planning
- Intelligent Production Forecasts

DynaRoad Scheduling, Production and Earth Moving Management

The number one production management software for infrastructure and earth moving sites

DynaRoad is a project management system specially developed for scheduling production control and earthworks management of heavy and highway projects. The software provides benefits in all project phases by allowing quicker, more realistic and more accurate planning and analysis compared with traditional methods.

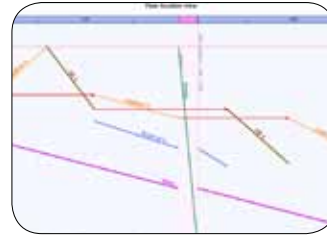
DynaRoad provides a complete scheduling system specially developed to meet the demands of heavy highway construction. The schedule is built either manually or resource-based according to the mass haul plan. DynaRoad is the only tool on the market that combines location based CPM scheduling with mass haul optimization.

The map-based planning is the perfect tool for complex traffic planning, site work and presenting your work. The schedule is planned and presented directly on the project map. Move back and forth in time, display location of activities, traffic planning, completed tasks and other information on a color coded map at any given time of the project.

The time-location view gives you an excellent overview of the project in one single view; production orders, movement of crews, haul distances, production breaks and risk zones. DynaRoad gives you systematic control of actual workflow during construction. Input work progress information for a complete project status report comparing actual production to the original schedule. Intelligent production forecasts warn you weeks in advance of upcoming problems.

Resource Planning

In DynaRoad activities are built up based on amount of work, resources and their production rates. All views are linked and updated in real-time. This gives you full control of required machine production rate, while ensuring that your schedules are realistic and possible to complete on time. Data on resources, crews and production rates are all saved in a template file to support future projects.



Scheduling

- Visibility of scheduled activities
- Project control
- Resource based



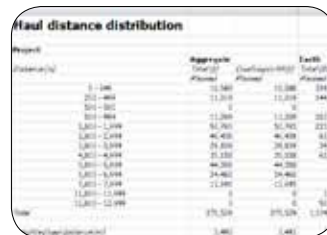
Map-based planning

- Traffic planning
- Crew location
- Completed tasks



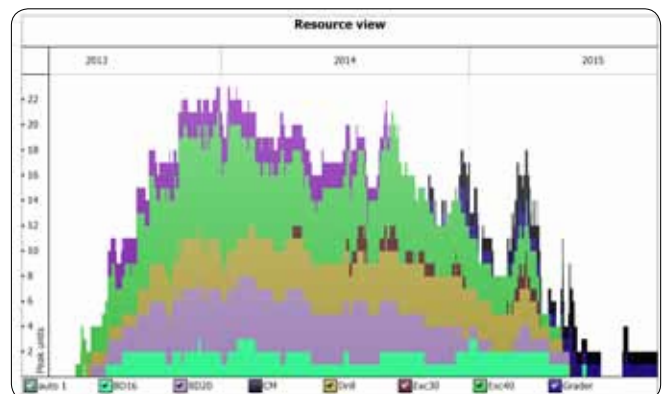
Location-based control

- Overview of the project in one single view
- Production orders
- Movement of crews



Resource planning

- Work load
- Dependencies
- Production rates



PRIMARY FEATURES



Visual planning

- Project map
- Line of balance
- Gantt charts
- Resource tables



Enabling planning methods

- Critical path
- Location-based planning
- Automatic mass haul calculation
- Balancing cut/fill

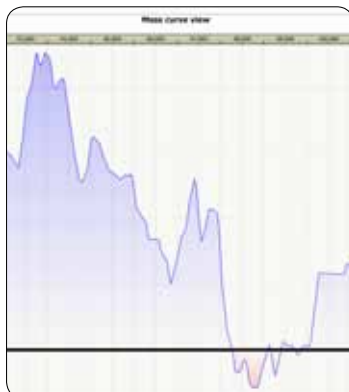


Delivering

- Feasibility for plans
- Production simulation
- Efficiency in production
- Improved response to delays

Mass Haul Planning

DynaRoad planning software gives you an optimized mass haul plan with the shortest haul distances possible while ensuring efficient use of all available materials. Expensive mass deficit and surplus are easily eliminated and evaluation of alternative design solutions is fast and inexpensive.



Haul Truck – HT-30

With Topcon's haul truck application you can connect all dump trucks, scrapers, and rigid trucks in real time to your office. Monitor load counts, volumes, load/dump locations and create hourly/daily/weekly reports from all the trucks connected on your site.



LINK DYNAROAD AND SITELINK3D

DynaRoad and Sitelink3D haul trucks automate haul data collection from the site and compares it to the haul plan and schedule.

Haul trucks and scrapers connected to Sitelink3D can be used to report haul information to DynaRoad through the Sitelink3D network. Hauled quantities, material types, load and dump locations are updated online to your DynaRoad haul plan. This automatically updates your hauled quantities and reports the amount of material you still have to haul.

For more specification information:
www.topconpositioning.com/dynaroad

Topcon TotalCare

This online resource comes with real live people ready to help. Get expert training from Topcon University's large collection of online materials, and expert help directly from Topcon Technical Support.

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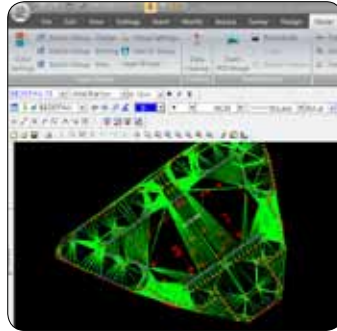
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TOPCON'S ADVANCED TECHNOLOGIES

Productivity Software Options

Topcon's family of software solutions that best fits your application.



MAGNET™ Office Site

MAGNET Office Site is CAD based software that keeps you connected to the field. It is built for construction design and machine control users. With powerful surfacing, resurfacing, and modeling tools, MAGNET Office Site is the perfect complement to any machine control system. MAGNET Office Site provides a complete software solution that is guaranteed to increase productivity.



Sitelink3D™

Sitelink3D is a complete site communication system providing data control, machine tracking and a reporting system in one solution. With Sitelink3D, Topcon expands its highly advanced machine control systems to include remote machine support, job file transfer and real time project management information.



Enterprise3D

Enterprise3D is a Sitelink3D™ module where our customers can plan, schedule, setup tasks for machines and get real-time reports. Before a job site project starts you can setup a complete planning and scheduling for the different production phases.

Your local Authorized Topcon dealer is:

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