

**PHRONIS**  
CONSULTING

# TRANSPORT

## Infrastructure



MINING | TRANSPORT | HYDROCARBONS | ENERGY | RAIL & PORT

# PHRONIS CONSISTENTLY APPLIES INNOVATIVE THINKING & PRACTICAL KNOWLEDGE TO FIND THE BEST SOLUTIONS TO SUIT OUR CLIENT'S REQUIREMENTS

## STATE OF THE ART

- Cloud-based organisation
- Globalisation services
- Leading tools & software
- Mixed cultures and languages
- Client feedback
- "Smooth professionalism."
- "This is exactly what we wanted."
- Innovative technical outcomes
- i.e. world record conveyor lengths*

## AREAS OF EXPERTISE

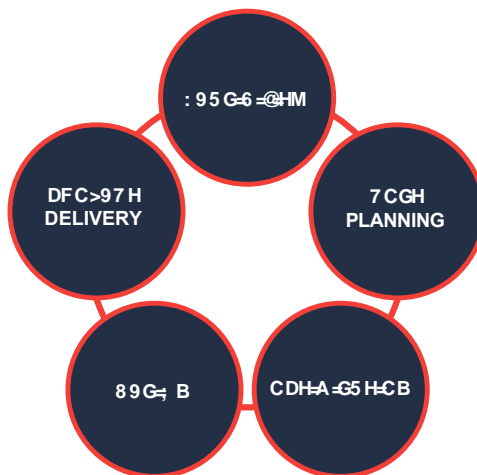
- Road, rail and ports infrastructure
- Bridge and tunnel design
- Design verification
- Tender assessment
- Condition assessment
- Independent verification
- Innovation

## CURRENT PROJECTS

- Rgt lg'O kniF gxgnr o gpv** – Vtcpuks'qtlgprvgf 'f gxgnr o gpv" kplhtcut vewwtg'ht' 'j g'r tgelpev  
**ÁFÍ Í T ÁT ÓÚÓ**
- Olive Downs Complex** – Planned 14Mtpa (million tonnes per annum) of coal product. Rail spur line, mine access roads and associated infrastructure  
**ÁFÓÁÁΛ{ à[ \ ^**
- Ecr g'Tkgt 'Dtkf i g'Wri tcf g'ò'Dtkf i g'** \*422o +cpf 'tqcf 'tgcik po gpv\*4'hw +"  
**ÀH T ÁT Ü**

## PROJECT EXPERIENCES OF THE TEAMS

- Moreton Bay Rail Link
- Bayswater Railway Station, Melbourne
- Brisbane Airport Link Project
- WestConnex M4 East, Sydney
- CLEM7 Tunnel Project, Brisbane
- Eastlink Freeway Bridge Design Project, Melbourne
- North West Rail Link, Sydney
- Coal Stream Alliance Pring and Abbot Point, Qld
- Port of Brisbane Expansion Project
- Wiggins Island Rail Project
- Barrow Island Materials Offloading Facility, WA
- Napa Napa Wharf Extension, PNG
- Second Mersey River Bridge Approaches Bass Hwy, Tasmania
- T2T (Torrens Road to Torrens River) Project, Adelaide



## FEASIBILITY

- Client representation
- Cost estimates
- Risk assessments
- Strategic planning
- Studies and options
- Project planning and management
- Environmental advice

## DESIGN

- Civil, Structural, Mechanical, Process and Electrical Design
- Development of project drawings and documentation
- Project, design and construction management

## PROJECT DELIVERY

- Project Management
- Owner's team - technical & contractual advice
- Delivery strategy, team design and" program scheduling
- Project planning and budgeting
- Project resources and costs optimisation

## OPERATIONS

- Operational review and assessment
- Process optimisation
- Supply chain and cost efficiency
- Environmental investigations
- Vibration, noise and acoustics assessment and monitoring

Phronis Consulting is proud to partner with the following companies:



CONTACT: Shaun Nugent | +61 (0)7 3506 1100 | enquiries@phronis.com.au

Kings Row Office Park, Level 5, Building 2, 50 McDougall St, Milton, Brisbane QLD 4064 | www.phronis.com.au