

# flood management and control

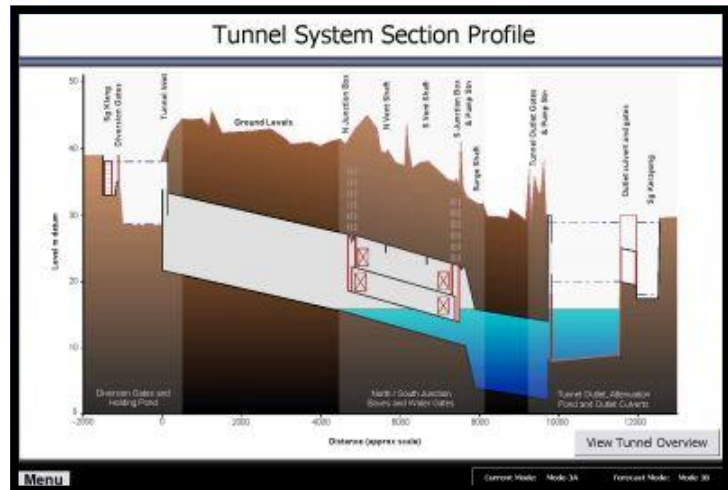
## SMART flood detection system

*Kuala Lumpur / Malaysia*

### project summary

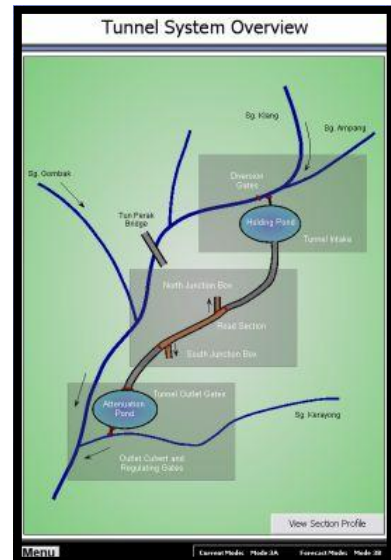
The SMART (Stormwater Management and Road Tunnel) project in Kuala Lumpur Malaysia is the first of its kind in the world. A dual purpose 11km tunnel is being constructed for use as an overflow storage facility to reduce flooding in the city of Kuala Lumpur and at the same time, providing a traffic tunnel to reduce road congestion.

Greenspan has been commissioned to design, install, test and commission the entire flood detection system, tunnel monitoring and gate control network for this project.



### project features

- Design, supply, install, test and commission
- 28 water level, 3 warning, 17 acoustic doppler and 11 tunnel pressure monitoring stations.
- Communications via VHF / UHF Radio, GSM, TCP/IP
- Monitoring and control of 6 river / tunnel gates
- Hydrologic and Hydraulic Modelling
- CCTV



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