

SMART assurance

City folk have been urged not to be unduly worried about floods this monsoon season as SMART Tunnel is ready to divert excess stormwater from city centre. >3



Water diversion in progress

SMART tunnel personnel are ready to deploy mitigation action whenever the Klang Valley is threatened by floods.

All systems ready to go

Stormwater tunnel's technical teams well-prepared for monsoon season

IN VIEW of the current inter-monsoon weather, SMART is on high alert and prepared to prevent flooding within its coverage areas in Kuala Lumpur.

SMART was designed to divert excess stormwater from overflowing at the catchment of the Klang River basin, at its confluence with the Ampang River.

"It is through SMART that Klang Valley residents have been saved from numerous potential floods in the past, as evidenced by its track record," said chief operating officer Mohd Fuad Kamal Ariffin.

He also urged the public not to be unduly worried as SMART would be efficient in channelling excess floodwater away from the Klang River/Ampang River confluence, once water flow exceeded 150 cubic metre per second (cumec).

"In fact, we have been extra vigilant for the past month and has doubled our manpower for tunnel patrol and river monitoring at the Stormwater Control Centre in Kampung Berembang.

"Our Emergency Response Team is fully ready to tackle any emergency situation," he said.

When water velocity exceeds 150 cumec, SMART will immediately enter Mode Three and issue a notice of evacuation of the motorway tunnel.

Road users will be informed via variable message sign boards, media and radio announcements of the closure and advised to use alternative routes.

If water levels continue to rise, the tunnel will enter Mode Four, allowing its full capacity to divert water away from Kuala Lumpur, as it was designed to do.

"We appeal to the public to be patient and understand that the closing of the motorway is meant for diverting large volumes of stormwater from bursting the banks of the confluence of Klang River/Ampang River, near Masjid Jamek.

"We will reopen the motorway tunnel after the necessary inspection, dewatering and cleaning works are completed," said Mohd Fuad.

He assured that SMART was in prime condition with regular main-

tenance carried out on a monthly basis.

Since it opened in 2007, SMART's stormwater bypass tunnel has been utilised 236 times (an average of 40 times a year, or three times a month).

According to a study by the Department of Irrigation and Drainage, SMART has since averted potential flood damages estimated at RM500mil.

SMART's primary flood mitigation areas in the city centre include Masjid Jamek, Lebu Ampang, Jalan Melaka, Dataran Merdeka, Dang Wangi, Lebu Ampang, Pasar Seni, Dayabumi, Sungai Wang, Bukit Bintang, KLCC and Pavilion KL.

SMART is part of a larger flood mitigation project in Greater Kuala Lumpur/Klang Valley, called the Kuala Lumpur Flood Mitigation Project.

The public is encouraged to check the latest SMART tunnel updates at www.smarttunnel.com.my or call 1300-88-7188.

Alternatively, tunnel users are reminded to tune in to the latest updates from major local radio stations. Radio frequencies are accessible within the tunnel.

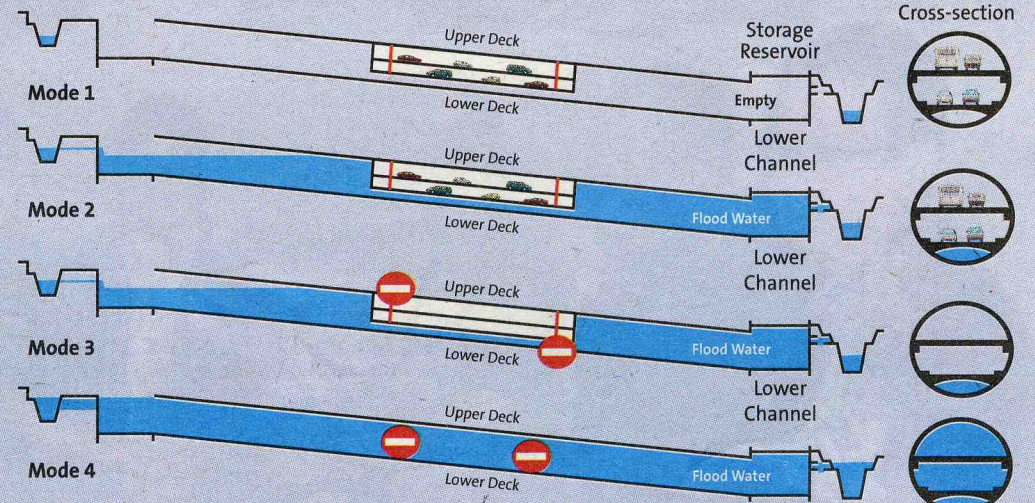
SMART Tunnel areas



Operation of SMART stormwater system

Mode	Upper deck	Lower deck	Lower Channel	Tunnel cross-section
1			Empty	
2			Flood water	
3			Flood water	
4			Flood water	

Berembang Pond



Berembang Pond
0.6 million m³

Tunnel capacity
1 million m³

Taman Desa Pond
1.4 million m³

Tunnel capacity
3 million m³

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