

The **Stormwater Management And Road Tunnel (SMART Tunnel)**, E38, is a storm drainage and road structure in [Kuala Lumpur](#), [Malaysia](#), and a major [national project](#) in the country. The 9.7 km (6.0 mi) tunnel is the longest [stormwater drainage tunnel](#) in [Southeast Asia](#) and second longest in [Asia](#).

The main objective of this tunnel is to solve the problem of [flash floods](#) in Kuala Lumpur and to reduce traffic jams along [Jalan Sungai Besi](#) and Loke Yew flyover at Pudu during rush hour. There are two components of this tunnel, the *stormwater tunnel* and *motorway tunnel*. It is the longest multi-purpose tunnel in the world.

In 2011, the SMART tunnel received the [UN Habitat Scroll of Honour Award](#) for its innovative and unique management of storm water and peak hour traffic.

It begins at [Kampung Berembang](#) lake near [Klang River](#) at [Ampang](#) and ends at [Taman Desa](#) lake near [Kerayong River](#) at [Salak South](#). The project is led by the government, including [Malaysian Highway Authority](#) (*Lembaga Lebuhraya Malaysia, LLM*) and the Department of Irrigation and Drainage Malaysia (*Jabatan Pengairan dan Saliran, JPS*) and also a company joint venture pact between [Gamuda Berhad](#) and [MMC Corporation Berhad](#) (MMC).

## Route background

The Kilometre Zero of the tunnel is located at Salak Interchange. <sup>[[citation needed](#)]</sup>

## History

In 2001 the Government sought proposals for a solution that would allow a typical flood of three to six hours' duration to occur without flooding the city centre.<sup>[1]</sup> A tunnel that would allow floods to bypass the centre was one way of achieving this, providing it was coupled with temporary storage facilities to keep flows downstream of Kuala Lumpur within the capacity of the river channel. A group led by Gamuda engaged SSP, a large Malaysian consultant engineering firm, and Mott MacDonald UK to develop proposals for a tunnel with holding ponds at upstream and downstream ends of the tunnel.<sup>[[citation needed](#)]</sup>

Construction of the tunnel began on 25 November 2003. Two [Herrenknecht Tunnel Boring Machines](#) (TBM) from [Germany](#) were used, including *Tuah* on north side and *Gemilang* on south side. [Gusztáv Klados](#) was the senior project manager of the project.<sup>[2]</sup>

On 11 December 2003, the 13.2-m diameter Mixshield TBM, *Tuah*, completed a 737-m section after 24 weeks of excavation. By the end of January 2004, *Tuah* would start a second drive covering a distance of 4.5 km to Kampung Berembang lake. The motorway sections on the SMART system was officially opened at 3:00PM, 14 May 2007, after multiple delays.<sup>[3][4]</sup>

Meanwhile, the stormwater sections on the SMART system began operations at the end of January 2007.<sup>[citation needed]</sup>

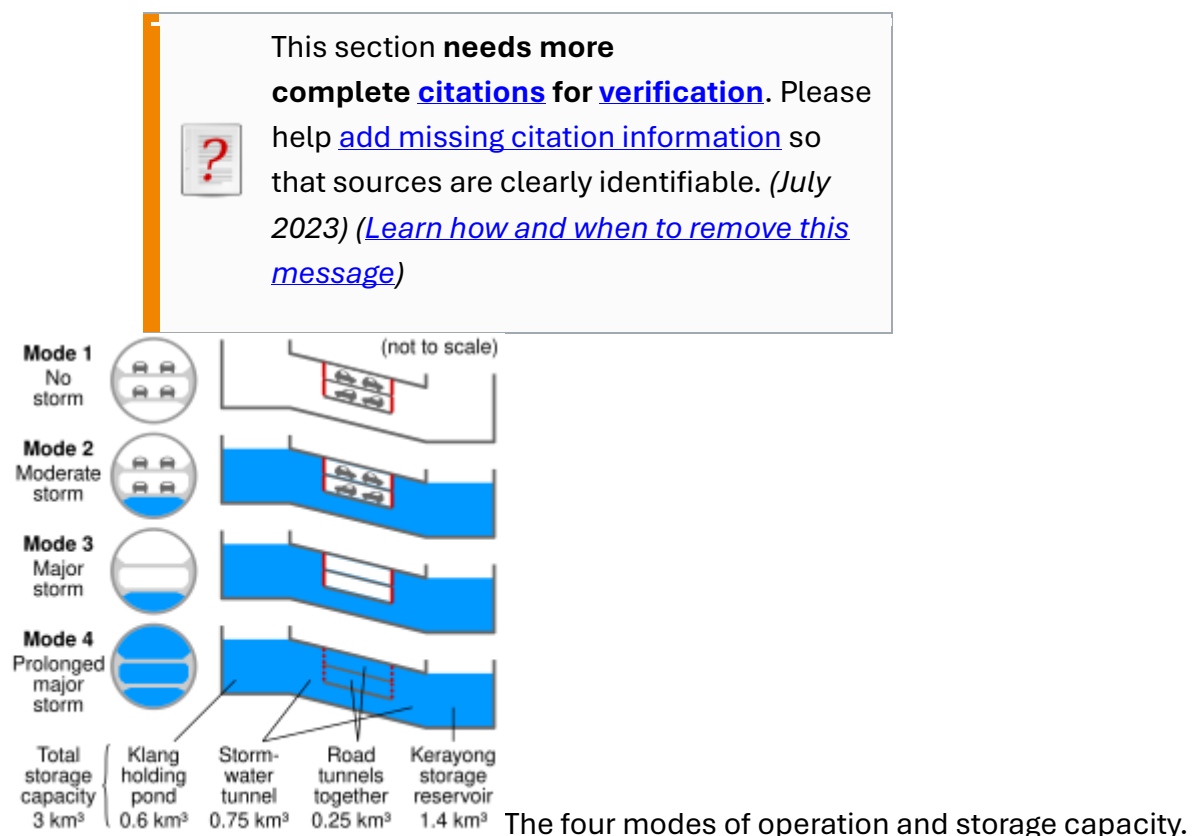
By 18 July 2010 the SMART system had prevented seven potentially disastrous flash floods in the city centre,<sup>[5]</sup> having entered its first mode 3 operation only weeks after the opening of the motorway.<sup>[6]</sup>

As of September 2020, the tunnel had activated its fourth mode for the seventh time. During the flash flood on 10 September 2020, the tunnel diverted three million cubic metres of water.<sup>[7][8]</sup>

In December 2021, SMART entered Mode 4 for an eighth time, due to the [massive flooding](#) caused by heavy rainfall lasting from 16 to 18 December. Things would have been much worse in Kuala Lumpur had it not been for the tunnel, which successfully diverted 5 million cubic metres of flood water during the 22 hours it was on full activation.<sup>[9]</sup>

In 2022, the government was considering the proposal to build another tunnel, briefly known as SMART 2, to cater for high density flood-prone area such as [Shah Alam](#).<sup>[10]</sup>

## Functioning



The first mode, under normal conditions where there is no storm, no flood water will be diverted into the system. When the second mode is activated, flood water is diverted into the bypass tunnel underneath the motorway tunnel. The motorway section is still

open to traffic at this stage. When the third mode is in operation, the motorway will be closed to all traffic. After making sure all vehicles have exited the motorway, automated water-tight gates will be opened to allow flood waters to pass through. After the flood has ended, the tunnel is verified and cleaned via pressure-washing, and the motorway will be reopened to traffic within 48 hours of closure.<sup>[11]</sup>

### Technical specifications



SMART tunnel entrance along Jalan Sungai Besi, Kuala Lumpur, Malaysia.



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### Stormwater tunnel

- **Construction cost:** RM1,887 million (US\$514.6 million)
- **Stormwater tunnel length:** 9.7 km (6.0 mi)
- **Diameter:** 13.2 m (43.3 ft) (outer diameter)
- **Tunnelling method:** [tunnel boring machine](#) (TBM)
- **TBM type:** slurry shield

### Motorway tunnel

- **Motorway tunnel length:** 4 km (2.5 mi)
- **Structure type:** double deck
- **Ingress and egress:** 1.5 km (0.93 mi) at Jalan Sultan Ismail and Jalan Imbi
- **Length:** 1.4 km (0.87 mi) at Jalan Tun Razak

- **Links:** 1.6 km (0.99 mi) at [Kuala Lumpur–Seremban Expressway](#) Links: City Centre near Kg. Pandan Roundabout KL–Seremban Expressway near [Sungai Besi Airport](#)

## Features



The north bound entrance of SMART Tunnel on the Kuala Lumpur–Seremban Expressway.

- World's first dual-function tunnel (stormwater management & road)
- Longest tunnel in Malaysia
- 9.7 km (6.03 miles) stormwater by-pass tunnel
- 4 km (2.49 miles) double-deck motorway within stormwater tunnel
- The motorway tunnel is suitable for light vehicles only. Motorcycles and heavy vehicles are not allowed
- Ingress and egress connections to the motorway tunnel linking the southern gateway to the city centre
- Holding basin complete with diversion and tunnel intake structures
- Storage reservoir and a twin-box culvert to release flood discharge
- State-of-the-art operations control room equipped with the latest systems in operations management, surveillance and maintenance of the SMART system.
- Custom-made [fire engine](#) units consisting of two modified [Toyota Hilux](#) pickup trucks, parked at two different locations for quick access to the tunnel in case of fire on both carriageways.<sup>[12]</sup>

## Tolls

The SMART Tunnel utilizes an open toll system. Ever since its operation, all toll transactions at this toll plaza are carried out using [Touch 'n Go](#) cards, MyRFIDs or [SmartTAGs](#). Cash payments are not accepted.

## Toll rates

Class	Type of vehicles	Rate (in <a href="#">Malaysian ringgit</a> (RM))	Notes
1	Private Cars (Vehicles with two axles and three or four wheels and not exceeding 2.4 metres in height)	3.00	—
2	Vans and other small goods vehicles (Vehicles with two axles and three or four wheels and not exceeding 2.4 metres in height)		
4	Taxis (Vehicles with two axles and three or four wheels and not exceeding 2.4 metres in height)		Toll charges are paid by passengers using <a href="#">Touch 'n Go</a> cards only.

#### FM radio channels available

Radio	Frequencies
<a href="#">Nasional FM</a>	87.7 MHz
<a href="#">BFM 89.9</a>	89.9 MHz
<a href="#">TraXX FM</a>	100.1 MHz <sup>[13]</sup>
<a href="#">IKIMfm</a>	91.5 MHz
<a href="#">Hitz</a>	92.9 MHz
<a href="#">Bernama Radio</a>	93.9 MHz
<a href="#">Radio Klasik</a>	95.3 MHz
<a href="#">Fly FM</a>	95.8 MHz

<a href="#">KL FM</a>	97.2 MHz
<a href="#">Hot FM</a>	97.6 MHz
<a href="#">988 FM</a>	98.8 MHz
<a href="#">Kool 101</a>	101.3 MHz
<a href="#">Era</a>	103.3 MHz
<a href="#">Suria</a>	105.3 MHz

### List of interchanges



This article contains a bulleted list or table of intersections which **should be presented in a properly formatted junction table**. Please consult [this guideline](#) for information on how to create one. Please [improve this article](#) if you can. *(November 2021)*








The entire expressway had its speed limit of 60 km/h.

### Legend:



- I/C - [interchange](#), I/S - [intersection](#), RSA - [Rest and service area](#), OBR - [overhead bridge restaurant](#), L/B - layby, V/P - vista point, TN - [tunnel](#), T/P - [toll plaza](#), BR - [bridge](#)

















### From/to E37 East–West Link Expressway

km	Exit	Interchange	To	Remarks
SMART Tunnel 0			<a href="#">East–West Link Expressway</a> <a href="#">East–West Link Expressway</a>  <b>Southeast</b> <a href="#">Cheras</a>  <b>Northwest</b>	Direction Y junctions



			<a href="#">Petaling Jaya</a> <a href="#">Shah Alam</a>	
 <b>East–West Link Expressway</b> Kuala Lumpur–Seremban Expressway <b>ANIH Berhad border limit</b>				
 <b>SMART Tunnel</b>  <b>SMART Tunnel</b> <i>(<a href="#">Touch 'n Go</a> and <a href="#">SmartTAG</a> ETC only)</i> <b>SMART border limit</b>				
		 <b>P</b> SMART Tunnel operation office	<b>P</b>  <b>TnG TAG</b>  <b>Customer Service Centre</b> SMART Tunnel operation office	South bound on Cheras, Petaling Jaya and Shah Alam stretches only
 SMART toll plaza				Accepts electronic toll payment ( <a href="#">Touch 'n Go</a> and <a href="#">SmartTAG</a> only)
Motorway Tunnel Dry sections Start/end of tunnel Maximum height 2 m Speed limit 60 km/h				
				<b>From/to Motorway tunnel</b>

**From/to E37 Kuala Lumpur–Seremban Expressway**







km	Exit	Interchange	To	Remarks
			<b>South</b>  <b>East–West Link</b> Expressway <b>Kuala</b> <b>Lumpur–Seremban</b> Expressway  <b>East–West Link</b>	














			<p><a href="#">Expressway Kompleks Sukan Negara</a></p> <p> <a href="#">Shah Alam</a></p> <p><a href="#">Expressway Klang</a></p> <p> <a href="#">North–South</a></p> <p><a href="#">Expressway Southern Route <b>North–South</b></a></p> <p><a href="#">Expressway Southern Route</a></p> <p> <a href="#">North–South</a></p> <p><a href="#">Expressway Central</a></p> <p>Link  <a href="#">AH2 Kuala Lumpur International Airport (KLIA)</a> </p> <p> <a href="#">North–South</a></p> <p><a href="#">Expressway Southern Route  AH2 Seremban</a></p> <p> <a href="#">North–South</a></p> <p><a href="#">Expressway Southern Route  AH2 Melaka</a></p> <p> <a href="#">North–South</a></p> <p><a href="#">Expressway Southern Route  AH2 Johor Bahru</a></p>	
  <a href="#">East–West Link Expressway</a> <a href="#">Kuala Lumpur–Seremban Expressway</a> ANIH Berhad border limit				
  SMART Tunnel  SMART Tunnel ( <a href="#">Touch 'n Go</a> and <a href="#">SmartTAG</a> ETC only) SMART border limit				





 SMAR T Tunnel 0				
 SMART toll plaza				Accepts electronic toll payment ( <a href="#">Touch 'n Go</a> and <a href="#">SmartTAG</a> only)
Motorway Tunnel Dry sections Start/end of tunnel Maximum height 2 m Speed limit 60 km/h				
				<b>From/to Motorway tunnel</b>







#### Motorway tunnel








km	Exit	Interchange	To	Remarks
<b>Motorway Tunnel</b> <b>Dry sections</b> <b>Start/end of tunnel</b> <b>Maximum height 2 m</b> <b>Speed limit 60 km/h</b>				
	3801	<b>Motorway Tunnel</b> Dry sections Tunnel exit south bound	3801A   SMART Tunnel Operation Office  <a href="#">East–West Link Expressway East–West Link Expressway</a>  <a href="#">East–West Link Expressway Cheras</a>  <a href="#">East–West Link Expressway Petaling Jaya</a>  <a href="#">East–West Link Expressway Shah Alam</a> 3801B	Tunnel Interchange

			 <a href="#">East–West Link Expressway</a> <a href="#">Kuala Lumpur–Seremban Expressway</a>  <a href="#">East–West Link Expressway Kompleks Sukan Negara</a>  <a href="#">Shah Alam Expressway Klang</a>  <a href="#">North–South Expressway Southern Route</a> <b>North–South Expressway Southern Route</b>  <a href="#">North–South Expressway Central Link</a>  <a href="#">AH2 Kuala Lumpur International Airport (KLIA)</a>   <a href="#">North–South Expressway Southern Route</a>  <a href="#">AH2 Seremban</a>  <a href="#">North–South Expressway Southern Route</a>  <a href="#">AH2 Melaka</a>  <a href="#">North–South Expressway Southern Route</a>  <a href="#">AH2 Johor Bahru</a>	
Motorway Tunnel Conversion from dry to wet				
		<b>Motorway Tunnel</b> Wet sections		
Motorway Tunnel Conversion from wet to dry				
	3802	<b>Motorway Tunnel</b> Dry sections Tunnel exit north bound	3802A <b>Sultan Ismail Link Tunnel</b> <b>Jalan Davis</b> <a href="#">Kuala Lumpur Inner Ring Road</a> Jalan Imbi Jalan Sultan Ismail Jalan Bukit Bintang	Tunnel Interchange Lower floor

			3802B <a href="#">Kuala Lumpur Middle Ring Road 1</a> <b>Jalan Tun Razak (Jalan Pekeliling)</b> Kuala Lumpur City Centre (KLCC) Ampang	
<b>Motorway Tunnel</b> <b>Dry sections</b> <b>Start/end of tunnel</b> <b>Maximum height 2 m</b> <b>Speed limit 60 km/h</b>				
 SMART Tunnel  SMART Tunnel <b>Start/end of expressway</b> <i>(<a href="#">Touch 'n Go</a> and <a href="#">SmartTAG ETC</a> only)</i> <b>SMART border limit</b>				
<b>Kuala Lumpur Middle Ring Road 1</b> <b>DBKL border limit</b>				
			<b>North</b> <a href="#">Kuala Lumpur Middle Ring Road 1</a> <b>Jalan Tun Razak (Jalan Pekeliling)</b> Kuala Lumpur City Centre (KLCC) Ampang	

#### Sultan Ismail link tunnel

km	Exit	Interchange	To	Remarks
	3802	<b>Sultan Ismail link tunnel</b> Dry sections Tunnel entry south bound	<b>Motorway Tunnel</b>  <a href="#">East–West Link Expressway Cheras</a>  <a href="#">East–West Link Expressway Petaling Jaya</a>  <a href="#">East–West Link Expressway Kompleks Sukan Negara</a>  <a href="#">North–South Expressway Central Link</a>  <a href="#">AH2 Kuala Lumpur International Airport (KLIA)</a> 	Tunnel Interchange Upper floor

			 <a href="#">North–South Expressway Southern Route</a>  <a href="#">AH2 Seremban</a>  <a href="#">North–South Expressway Southern Route</a>  <a href="#">AH2 Melaka</a>  <a href="#">North–South Expressway Southern Route</a>  <a href="#">AH2 Johor Bahru</a>	
<b>Motorway Tunnel</b> <b>Dry sections</b> <b>Start/end of tunnel</b> <b>Maximum height 2 m</b> <b>Speed limit 60 km/h</b>				
 <b>SMART Tunnel</b>  <b>SMART Tunnel</b> <b>Start/end of expressway</b> <i>(<a href="#">Touch 'n Go</a> and <a href="#">SmartTAG</a> ETC only)</i> <b>SMART border limit</b>				
<b>Jalan Davis</b> <b>DBKL border limit</b>				
			<b>NorthWest</b> <a href="#">Sultan Ismail–Kampung Pandan Link</a> (Jalan Davis) <a href="#">Kuala Lumpur Inner Ring Road</a> Jalan Imbi Jalan Sultan Ismail Jalan Bukit Bintang	

### In popular culture

The tunnel was featured in the below series:

- Season 4, Episode 2, of [Extreme Engineering](#), titled "MegaTunnel", on the [Discovery Channel](#).
- An episode of [Truly Malaysia](#) on the [National Geographic Channel](#) and [TV1](#).
- Season 2, Episode 3, of [Man Made Marvels](#), titled "Kuala Lumpur: Flood Control", on the [Science Channel](#).

- Season 4, Episode 2, of [Megastructures](#) on the [National Geographic Channel](#) and [TV1](#).
- Season 1, Episode 2 of [Build It Bigger](#) on the [Science Channel](#).

### See also

- [List of long tunnels by type](#)

### References

1. *"A Dual-Purpose Tunnel, Ingenia 30, March 2007"* (PDF). Archived from [the original](#) (PDF) on 13 April 2020. Retrieved 24 January 2012.
2. [THE ROLE OF GUSZTÁV KLADOS](#)
3. [Utusan Malaysia Online - Berita Utama](#)
4. [Malaysian National News Agency :: BERNAMA Archived](#) 19 May 2007 at the [Wayback Machine](#)
5. [New Straits Times: Smart tunnel working well](#)
6. [MegaStructures](#) SMART tunnel episode
7. YING, VEENA BABULAL and TEOH PEI (12 September 2020). *"KL flash flood: 'Smart Tunnel mitigated situation' | New Straits Times"*. NST Online. Retrieved 15 September 2020.
8. *"SMART Tunnel reopened to traffic | The Star"*. [www.thestar.com.my](#). Retrieved 15 September 2020.
9. *"SMART tunnel diverted five million cubic metres of flood water, says environment sec-gen | Malay Mail"*. 19 December 2021.
10. *"Finding a SMART solution to floods"*. *The Star*. Retrieved 14 November 2024.
11. Success of Kuala Lumpur's dual purpose tunnel. ITS International. Online at <http://www.itsinternational.com/categories/detection-monitoring-machine-vision/features/success-of-kuala-lumpurs-dual-purpose-tunnel/><sup>[*full citation needed*]</sup>
12. [Custom-Built Fire Engines for SMART Highway Delivered to the Malaysian Fire and Rescue Department Archived](#) 4 January 2008 at the [Wayback Machine](#) - from SMART Tunnel official website
13. *"Radio – SMART Motorway Tunnel"*.

### External links

- [SMART Tunnel](#)
- [Map of the SMART tunnel](#)
- [MMC Corporation Berhad](#)
- [Department of Irrigation and Drainage Malaysia](#)
- [SMART Tunnel - Mott MacDonald Project Page](#)

- [v](#)
- [t](#)
- [e](#)

## [Malaysian Expressway System](#)

**Toll-free**

### **Central**

- FT 1 [Kuala Lumpur–Rawang Highway](#) (incl. [Rawang Bypass](#))
- FT 2 [Federal Highway](#)
- FT 29 [Putrajaya–Cyberjaya Expressway](#)
- FT 30 [Putrajaya Ring Road](#)
- [Tuanku Abdul Halim Road](#)
- [Kuala Lumpur Middle Ring Road 1](#)
- [Kuala Lumpur Middle Ring Road 2](#)

### **East Coast**

- FT 34
  - [Central Spine Road](#)
  - [Kota Bharu–Kuala Krai Expressway](#)
- [Bukit Payung–Telemung Highway](#)
- [Gebeng Bypass](#)

### **Northern**

- FT 194 [Changlun–Kuala Perlis Highway](#)
- FT 3113 [Tun Dr Lim Chong Eu Expressway](#)

### **Southern**

- FT 1 [Skudai Highway](#)
- FT 3 [Johor Bahru–Kota Tinggi Highway](#)



		<ul style="list-style-type: none"> <li>• FT 17 <a href="#">Pasir Gudang Highway</a></li> <li>• FT 34 <a href="#">Johor Bahru East Coast Parkway</a></li> <li>• FT 188 <a href="#">Johor Bahru Inner Ring Road</a></li> <li>• <a href="#">Teluk Kemang Bypass</a></li> </ul>
	Malaysian Borneo (East Malaysia)	<ul style="list-style-type: none"> <li>• FT 1 <a href="#">Pan Borneo Highway (Sarawak section) &amp; (Sabah section)</a></li> <li>• FT 1-82 <a href="#">Miri–Baram Highway</a></li> <li>• FT 13 <a href="#">Sandakan-Tawau Highway</a></li> <li>• FT 22 <a href="#">Ranau-Sandakan Highway</a></li> </ul>
Toll road	Interstate	<ul style="list-style-type: none"> <li>• E1 <a href="#">North–South (northern)</a></li> <li>• E2 <a href="#">North–South (southern)</a></li> <li>• E6 <a href="#">ELITE</a></li> <li>• E8 <ul style="list-style-type: none"> <li>• <a href="#">Kuala Lumpur–Karak</a></li> </ul> </li> <li>• E21 <a href="#">Kajang–Seremban</a></li> <li>• E32 <a href="#">West Coast</a><sup>1</sup></li> <li>• <a href="#">Paroi–Senawang–KLIA</a><sup>2</sup></li> <li>• <a href="#">JELAS</a><sup>2</sup></li> <li>• <a href="#">Port Dickson-Banting Expressway</a><sup>2</sup></li> <li>• <a href="#">Perlis–Langkawi Bridge</a><sup>2</sup></li> </ul>
	Central	<ul style="list-style-type: none"> <li>• E1 <a href="#">New Klang Valley</a></li> <li>• E5 <a href="#">KESAS</a></li> <li>• E7 <a href="#">Cheras–Kajang</a></li> <li>• E9 <ul style="list-style-type: none"> <li>• <a href="#">Sungai Besi</a></li> <li>• <a href="#">Besraya Extension</a></li> </ul> </li> </ul>

- E10
  - [New Pantai](#)
  - [New Pantai Expressway Phase 2](#)<sup>2</sup>
- E11 [Damansara–Puchong \(LDP\)](#)
- E12 [AKLEH](#)
- E13 [Kemuning–Shah Alam \(LKSA\)](#)
- E18 [Kajang SILK](#)
- E19 [SUKU](#)
- E20 [MEX](#)
- E23 [SPRINT](#)
- E25 [LATAR](#)
- E26 [South Klang Valley](#)
- E27 [East Klang Valley](#)<sup>1</sup>
- E30 [New North Klang Straits Bypass](#)
- E31 [DASH](#)
- E33
  - [DUKE](#)
  - [DUKE Phase 2](#)
  - [DUKE 2A](#)<sup>2</sup>
- E35 [Guthrie Corridor](#)
- E37
  - [SALAK](#)
  - [Kuala Lumpur–Seremban](#)
- E38 SMART Tunnel
- E39 [Setiawangsa–Pantai](#)
- [Sungai Klang \(SKL\)](#)<sup>2</sup>
- [Bangi–Putrajaya \(BPE\)](#)<sup>2</sup>



		<ul style="list-style-type: none"> <li>• <a href="#">Kuala Lumpur North Dispersal</a> (KL-NODE)<sup>2</sup></li> <li>• <a href="#">Petaling Jaya Dispersal Link</a> (PJD Link)<sup>3</sup></li> <li>• <a href="#">Laluan Istana–Kiara Expressway</a> (LIKE)<sup>2</sup></li> </ul>
	East Coast	<ul style="list-style-type: none"> <li>• E8 <ul style="list-style-type: none"> <li>• <a href="#">East Coast Expressway</a></li> </ul> </li> </ul>
	Northern	<ul style="list-style-type: none"> <li>• E15 <a href="#">Butterworth–Kulim</a></li> <li>• E17 <a href="#">Butterworth Outer Ring</a></li> <li>• E28 <a href="#">Penang Second Bridge</a></li> <li>• E36 <a href="#">Penang Bridge</a></li> <li>• <a href="#">South Kedah</a><sup>2</sup></li> <li>• <a href="#">West Ipoh Span</a><sup>2</sup></li> <li>• <a href="#">Penang Outer Ring</a><sup>3</sup></li> <li>• <a href="#">Penang Undersea Tunnel</a><sup>3</sup></li> <li>• <a href="#">Juru–Sungai Dua Elevated Expressway</a><sup>2</sup></li> </ul>
	Southern	<ul style="list-style-type: none"> <li>• E3 <a href="#">LINKEDUA</a></li> <li>• E14 <a href="#">EDL</a></li> <li>• E22 <a href="#">Senai–Desaru</a></li> <li>• E29 <a href="#">Seremban–Port Dickson</a></li> <li>• <a href="#">Johor Bahru–Pasir Gudang</a><sup>2</sup></li> </ul>
	Malaysian Borneo (East Malaysia)	<ul style="list-style-type: none"> <li>• E24 <a href="#">Tun Salahuddin Bridge</a></li> </ul>
	<ul style="list-style-type: none"> <li>• <sup>1</sup> under <a href="#">construction</a></li> <li>• <sup>2</sup> planned</li> <li>• <sup>3</sup> cancelled/postponed/on hold</li> </ul>	

Categories:

- [2007 establishments in Malaysia](#)
- [Expressways in Malaysia](#)
- [Expressways and highways in the Klang Valley](#)
- [Tunnels completed in 2007](#)
- [Toll tunnels in Malaysia](#)
- [Water tunnels](#)
- [Drainage tunnels](#)
- [Flood control in Malaysia](#)
- [Flood control projects](#)