

Travel time information

The “travel time” information based on the Intelligent Transportation System (ITS).

1. Definition: Under the circumstances of current traffic situation and normal driving behavior, the sum of average time required to travel each section from the starting interchange to the ending interchange.

(1) Displays: Changeable message sign (CMS), Route guidance sign (RGS), Travel time sign (TTS), some photos as follows.

(2) Normal Driving Behavior: It refers to driving under the condition of general traffic flow, but not particularly impatient or over cautious driving.

(3) Average time: Each driver has different driving habit and else as different departure and arrival time, so there might be minor difference between real travel time and the average time we provide.

2. Photos of displays and explanations

- (1) CMS: when drivers see this sign, it means it takes about 16 minutes (average time) to drive to Xinying interchange (not Xinying downtown) under normal driving behavior.



- (2) RGS: when drivers see this sign, it means it takes about 31 minutes (average time) to drive to Yingge system interchange through National Freeway NO.3, while it takes about 35 minutes to drive to Airport System interchange.



(3) TTS: when drivers see this sign, it means it takes about 17 minutes (average time) to drive to Toufen interchange and 30 minutes to Miaoli interchange under normal driving behavior. All these are measured up to interchanges.



(4) RTS: when drivers see this sign, it means it takes about 21 minutes (average time) to drive to Xizhi system interchange through elevated section, while about 23 minutes through ground level floor under normal driving behavior.



3. Travel time information

Apart from getting information of travel time from the roadside facilities, drivers can search the current or future 100-day travel time situation online before starting off as a reference of traveling plan. The website is “<https://1968.freeway.gov.tw>”. Drivers can select starting and ending interchange in “Trip Planning > Real-time Planning” to get travel time and two suggestions of shortest route and shortest travel time. Besides, Drivers also can use the “Trip Planning > Forecast” function to get the future 100-day travel time prediction.

4. Travel time measurement

The travel time released by ITS is combined by vehicle detectors (VD), ETC travel time and the travel time in historical data.

