



Roadworks Location

Data Specification

Version 1.01

October 2025

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Data Dictionary

1. Data Structure of the Roadworks Location Data

- Support Highways Department's roadworks information involving lane closure on public roads with a speed limit of 70km/hr or above, such as approximate locations, works status, affected traffic lane, works type, works period and etc.;
- The roadworks is either in progress or under preparation (to be commenced within 12 hrs);
- Data resource under data.gov.hk is in JSON / GeoJSON format;
- Frequency of data updating is on an ad hoc basis.

Field Name	Field Type	Length	Mandatory?	Description	Example
roadworks_id	varchar	30	Y	Unique ID of roadworks	3829
datasource	varchar	200	Y	Roadworks data source	Highways Department
datasource_tc	varchar	200	Y	Roadworks data source in Traditional Chinese (UTF-8)	路政署
datasource_sc	varchar	200	Y	Roadworks data source in Simplified Chinese (UTF-8)	路政署
workstype	varchar	100	Y	Description of works type	Structure maintenance works
workstype_tc	varchar	100	Y	Description of works type in Traditional Chinese (UTF-8)	結構保養工程
workstype_sc	varchar	100	Y	Description of works type in Simplified Chinese (UTF-8)	结构保养工程
starttime	datetime		Y	Works start datetime YYYYMMDDTHH:MM +0800	20170302T09:00
endtime	datetime		Y	Works end datetime YYYYMMDDTHH:MM+0800	20170302T18:00
district	varchar	25	Y	District name	TSUEN WAN
district_tc	varchar	25	Y	District name in Traditional Chinese (UTF-8)	荃灣
district_sc	varchar	25	Y	District name in Simplified Chinese (UTF-8)	荃湾
latitude	double	(17,15)	Y	WGS84, latitude of roadwork's location	22.4556348
longitude	double	(18,15)	Y	WGS84, longitude of roadwork's location	114.008866
roadname	varchar	255	Y	Road name	LANTAU LINK
roadname_tc	varchar	255	Y	Road name in Traditional Chinese (UTF-8)	青嶼幹線
roadname_sc	varchar	255	Y	Road name in Simplified Chinese (UTF-8)	青屿干线
locdesc	varchar	1000	Y	Location description	Chainage 15.67 on lane one of Tsing Ma Bridge in Kowloon bound

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locdesc_tc	varchar	1000	Y	Location description in Traditional Chinese (UTF-8)	青馬橋，九龍方向，第一線，里程標誌 15.67
locdesc_sc	varchar	1000	Y	Location description in Simplified Chinese (UTF-8)	青马桥，九龙方向，第一线，里程标志 15.67
bound	varchar	50	Y	Works on road bound	Kowloon Bound
bound_tc	varchar	50	Y	Works on road bound in Traditional Chinese (UTF-8)	九龍方向
bound_sc	varchar	50	Y	Works on road bound in Simplified Chinese (UTF-8)	九龙方向
lane	varchar	20	Y	Works on road lane	Slow
lane_tc	varchar	20	Y	Works on road lane in Traditional Chinese (UTF-8)	慢線
lane_sc	varchar	20	Y	Works on road lane in Simplified Chinese (UTF-8)	慢线
remark	varchar	1000	N	Remark	This is remark
remark_tc	varchar	1000	N	Remark in Traditional Chinese (UTF-8)	This is remark
remark_sc	varchar	1000	N	Remark in Simplified Chinese (UTF-8)	This is remark
worksstatus	varchar	50	Y	Text description of works status, possible values: - Under Preparation - In Progress	In Progress
worksstatus_tc	varchar	50	Y	Text description of works status in Traditional Chinese (UTF-8), possible values: - 預備中 - 進行中	進行中
worksstatus_sc	varchar	50	Y	Text description of works status in Simplified Chinese (UTF-8), possible values: - 预备中 - 进行中	进行中
disclaimer	varchar	1000	Y	Disclaimer	This is disclaimer
disclaimer_tc	varchar	1000	Y	Disclaimer in Traditional Chinese (UTF-8)	This is disclaimer
disclaimer_sc	varchar	1000	Y	Disclaimer in Simplified Chinese (UTF-8)	This is disclaimer
lastupdatetime	datetime		Y	Time of getting latest Roadworks data YYYYMMDDTHH:MM:SS+0800	20151229T10:30:00+0800

Suggested Roadworks Icons

Under Preparation		In Progress	
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2. Get the Roadworks Location Data

Resource URL:

(JSON format)

https://resource.data.one.gov.hk/td/roadworks-location/get_all_the_roadworks.json

(GeoJSON format)

https://resource.data.one.gov.hk/td/roadworks-location/get_all_the_roadworks.geojson

3. Sample JSON of the Roadworks Location Data

Example request to get the Roadworks Location Data:

https://resource.data.one.gov.hk/td/roadworks-location/get_all_the_roadworks.json

Example response:

```
[
{
  "roadworks_id": "32468",
  "datasource": "Highways Department",
  "datasource_tc": "路政署",
  "datasource_sc": "路政署",
  "workstype": "Structure maintenance works",
  "workstype_tc": "結構保養工程",
  "workstype_sc": "结构保养工程",
  "starttime": "2025-10-20 09:00",
  "endtime": "2025-10-20 17:00",
  "district": "Kwai Tsing",
  "district_tc": "葵青區",
  "district_sc": "葵青区",
  "latitude": 22.3464883354,
  "longitude": 114.1244949772,
  "roadname": "TSING KWAI HIGHWAY",
  "roadname_tc": "青葵公路",
  "roadname_sc": "青葵公路",
  "locdesc": "Tsing Kwai Highway, Lai King Interchange, Ramp C, Hard Shoulder ",
  "locdesc_tc": "青葵公路，荔景交匯處，斜路 C，路肩",
  "locdesc_sc": "青葵公路，荔景交汇处，斜路 C，路肩",
  "bound": "North",
  "bound_tc": "北行",
  "bound_sc": "北行",
  "lane": "Hard shoulder",
```

```
"lane_tc": "路肩",
"lane_sc": "路肩",
"remark": "",
"remark_tc": "",
"remark_sc": "",
"worksstatus": "In Progress",
"worksstatus_tc": "進行中",
"worksstatus_sc": "进行中",
"disclaimer": "Except the Transport Department's traffic equipment installation works (as indicated in the
road works details), the above information is about the Highways Department's road works involving lane
closure on roads with speed limit of 70km/h or above.",
"disclaimer_tc": "除運輸署的交通設備安裝工程(如道路工程詳情所示)，以上資訊是關於路政署在時
速七十公里或以上道路並涉及行車線封閉的道路工程。",
"disclaimer_sc": "除运输署的交通设备安装工程(如道路工程详情所示)，以上资讯是关于路政署在时
速七十公里或以上道路并涉及行车线封闭的道路工程。",
"lastupdatetime": "2025-10-17 13:04:15"
},
{
  "roadworks_id": "32467",
  "datasource": "Highways Department",
  "datasource_tc": "路政署",
  "datasource_sc": "路政署",
  "workstype": "Structure maintenance works",
  "workstype_tc": "結構保養工程",
  "workstype_sc": "结构保养工程",
  "starttime": "2025-10-20 11:00",
  "endtime": "2025-10-20 17:00",
  "district": "Kwai Tsing",
  "district_tc": "葵青區",
  "district_sc": "葵青区",
  "latitude": 22.3523692086,
  "longitude": 114.0788394212,
  "roadname": "LANTAU LINK",
  "roadname_tc": "青嶼幹線",
  "roadname_sc": "青屿干线",
  "locdesc": "Lantau Link, Airport Bound, Lane 1, Ch16.80-14.96 (Reduce speed) ",
  "locdesc_tc": "青嶼幹線，機場方向，第一線，Ch16.80-14.96（減速)",
  "locdesc_sc": "青屿干线，机场方向，第一线，Ch16.80-14.96（减速)",
  "bound": "West",
  "bound_tc": "西行",
  "bound_sc": "西行",
  "lane": "Slow",
  "lane_tc": "慢線",
  "lane_sc": "慢线",
  "remark": "",
  "remark_tc": "",
  "remark_sc": "",
  "worksstatus": "In Progress",
  "worksstatus_tc": "進行中",
  "worksstatus_sc": "进行中",
```

"disclaimer": "Except the Transport Department's traffic equipment installation works (as indicated in the road works details), the above information is about the Highways Department's road works involving lane closure on roads with speed limit of 70km/h or above.",

"disclaimer_tc": "除運輸署的交通設備安裝工程(如道路工程詳情所示)，以上資訊是關於路政署在時速七十公里或以上道路並涉及行車線封閉的道路工程。",

"disclaimer_sc": "除运输署的交通设备安装工程(如道路工程详情所示)，以上资讯是关于路政署在时速七十公里或以上道路并涉及行车线封闭的道路工程。",

"lastupdatetime": "2025-10-17 12:39:23"

}
]

4. Sample GeoJSON of the Roadworks Location Data

Example request to get the Roadworks Location Data:

https://resource.data.one.gov.hk/td/roadworks-location/get_all_the_roadworks.geojson

Example response:

```
{
  "type": "FeatureCollection",
  "name": "geotagging",
  "features": [
    {
      "type": "Feature",
      "geometry": {
        "type": "Point",
        "coordinates": [
          114.1244949772,
          22.3464883354
        ]
      },
      "properties": {
        "roadworks_id": "32468",
        "datasource": "Highways Department",
        "datasource_tc": "路政署",
        "datasource_sc": "路政署",
        "workstype": "Structure maintenance works",
        "workstype_tc": "結構保養工程",
        "workstype_sc": "结构保养工程",
        "starttime": "2025-10-20 09:00",
        "endtime": "2025-10-20 17:00",
        "district": "Kwai Tsing",
        "district_tc": "葵青區",
        "district_sc": "葵青区",
        "latitude": 22.3464883354,
        "longitude": 114.1244949772,
        "roadname": "TSING KWAI HIGHWAY",
```

```
"roadname_tc": "青葵公路",
"roadname_sc": "青葵公路",
"locdesc": "Tsing Kwai Highway, Lai King Interchange, Ramp C, Hard Shoulder ",
"locdesc_tc": "青葵公路，荔景交匯處，斜路 C，路肩",
"locdesc_sc": "青葵公路，荔景交汇处，斜路 C，路肩",
"bound": "North",
"bound_tc": "北行",
"bound_sc": "北行",
"lane": "Hard shoulder",
"lane_tc": "路肩",
"lane_sc": "路肩",
"remark": "",
"remark_tc": "",
"remark_sc": "",
"worksstatus": "In Progress",
"worksstatus_tc": "進行中",
"worksstatus_sc": "进行中",
"disclaimer": "Except the Transport Department's traffic equipment installation works (as indicated in the road works details), the above information is about the Highways Department's road works involving lane closure on roads with speed limit of 70km/h or above.",
"disclaimer_tc": "除運輸署的交通設備安裝工程(如道路工程詳情所示)，以上資訊是關於路政署在時速七十公里或以上道路並涉及行車線封閉的道路工程。",
"disclaimer_sc": "除运输署的交通设备安装工程(如道路工程详情所示)，以上资讯是关于路政署在时速七十公里或以上道路并涉及行车线封闭的道路工程。",
"lastupdatetime": "2025-10-17 13:04:15"
}
},
{
  "type": "Feature",
  "geometry": {
    "type": "Point",
    "coordinates": [
      114.0788394212,
      22.3523692086
    ]
  },
  "properties": {
    "roadworks_id": "32467",
    "datasource": "Highways Department",
    "datasource_tc": "路政署",
    "datasource_sc": "路政署",
    "workstype": "Structure maintenance works",
    "workstype_tc": "結構保養工程",
    "workstype_sc": "结构保养工程",
    "starttime": "2025-10-20 11:00",
    "endtime": "2025-10-20 17:00",
    "district": "Kwai Tsing",
    "district_tc": "葵青區",
    "district_sc": "葵青区",
    "latitude": 22.3523692086,
    "longitude": 114.0788394212,
    "roadname": "LANTAU LINK",
```

```
"roadname_tc": "青嶼幹線",
"roadname_sc": "青嶼干线",
"locdesc": "Lantau Link, Airport Bound, Lane 1, Ch16.80-14.96 (Reduce speed) ",
"locdesc_tc": "青嶼幹線，機場方向，第一線，Ch16.80-14.96（減速)",
"locdesc_sc": "青嶼干线，机场方向，第一线，Ch16.80-14.96（減速)",
"bound": "West",
"bound_tc": "西行",
"bound_sc": "西行",
"lane": "Slow",
"lane_tc": "慢線",
"lane_sc": "慢线",
"remark": "",
"remark_tc": "",
"remark_sc": "",
"worksstatus": "In Progress",
"worksstatus_tc": "進行中",
"worksstatus_sc": "进行中",
"disclaimer": "Except the Transport Department's traffic equipment installation works (as indicated in
the road works details), the above information is about the Highways Department's road works involving lane
closure on roads with speed limit of 70km/h or above.",
"disclaimer_tc": "除運輸署的交通設備安裝工程(如道路工程詳情所示)，以上資訊是關於路政署在時
速七十公里或以上道路並涉及行車線封閉的道路工程。",
"disclaimer_sc": "除运输署的交通设备安装工程(如道路工程详情所示)，以上资讯是关于路政署在时
速七十公里或以上道路并涉及行车线封闭的道路工程。",
"lastupdatetime": "2025-10-17 12:39:23"
}
}
]
}
```