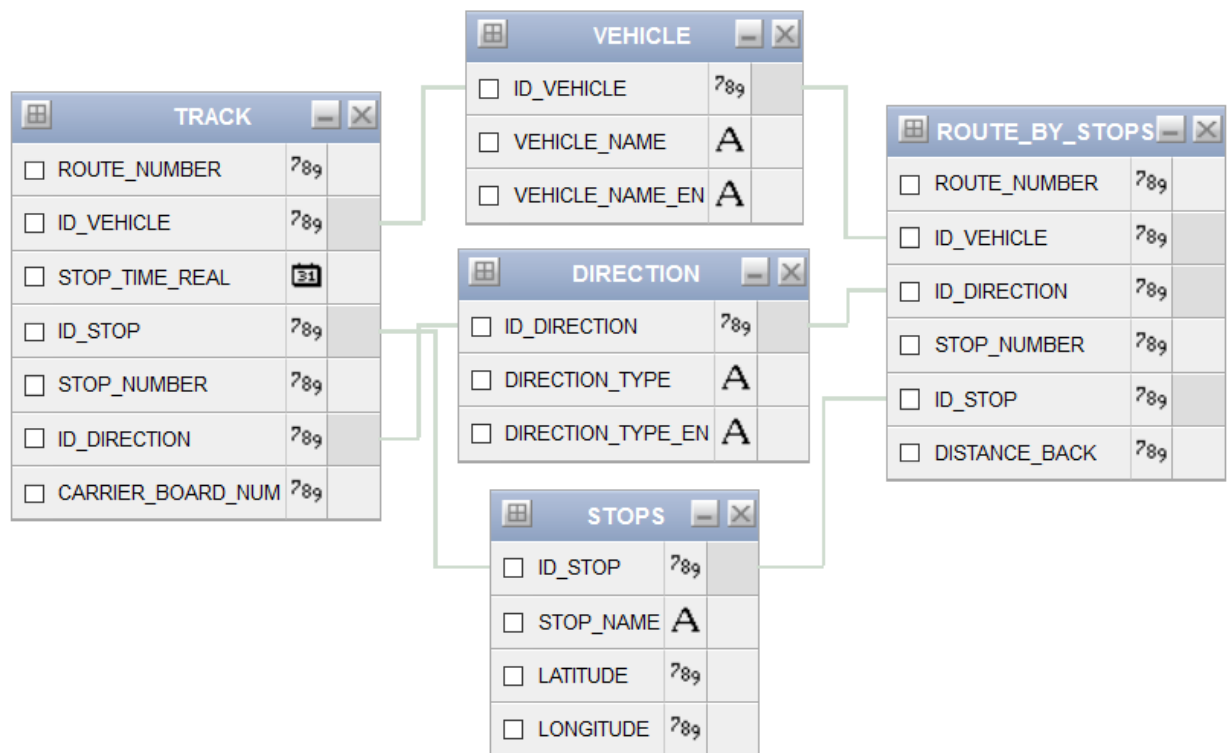# Public Transport Database Description

The trial database on public transport routes stores the following tables:

DIRECTION – public transport directions

Name	Type	Description
ID_DIRECTION	NUMBER	Route direction ID
DIRECTION_TYPE	VARCHAR(32)	Route direction in Russian
DIRECTION_TYPE_EN	VARCHAR(32)	Route direction in English

VEHICLE – public transport vehicles types

Name	Type	Description
ID_VEHICLE	NUMBER	Vehicle type ID
VEHICLE_NAME	VARCHAR(32)	Vehicle type in Russian
VEHICLE_NAME_EN	VARCHAR(32)	Vehicle type in English

STOPS – the stops of public transport

Name	Type	Description
ID_STOP	NUMBER	Stop ID
STOP_NAME	VARCHAR(32)	Stop name (in Russian only!)
LATITUDE	NUMBER	Latitude
LONGITUDE	NUMBER	Longitude

ROUTE_BY_STOPS – public transport routes description (with stops)

Name	Type	Description
ROUTE_NUMBER	NUMBER	Route number
ID_VEHICLE	NUMBER	Vehicle type ID
ID_DIRECTION	NUMBER	Route direction ID
STOP_NUMBER	NUMBER	Stop sequential number on the route in the given direction
ID_STOP	NUMBER	Stop ID
DISTANCE_BACK	NUMBER	Distance in meters to the previous stop on the route

TRACK – the public transport tracks on the routes

Name	Type	Description
ROUTE_NUMBER	NUMBER	Route number
ID_VEHICLE	NUMBER	Vehicle type ID
STOP_TIME_REAL	DATE	Date and time of vehicle arrival to the stop
ID_DIRECTION	NUMBER	Route direction ID
ID_STOP	NUMBER	Stop ID
STOP_NUMBER	NUMBER	Stop sequential number on the route in the given direction
CARRIER_BOARD_NUM	NUMBER	Vehicle board number

NB: field types are specified in accordance with ORACLE DBMS