

How to solve edge cases with lanes suffixes

Tags:

- 1) `change:lanes` - The tag indicates whether there is a lane change restriction preventing a driver or cyclist from changing lanes along the way.
- 2) `hov:lanes` - If one or more lanes of the road are restricted to high-occupancy vehicles.
- 3) `motor_vehicle:lanes` - The tag that indicates motor vehicle access for individual lanes.

We do not add these tags to the osm, we change the values only if these tags already applied to the road segment, and the value of the lanes tag should be changed.

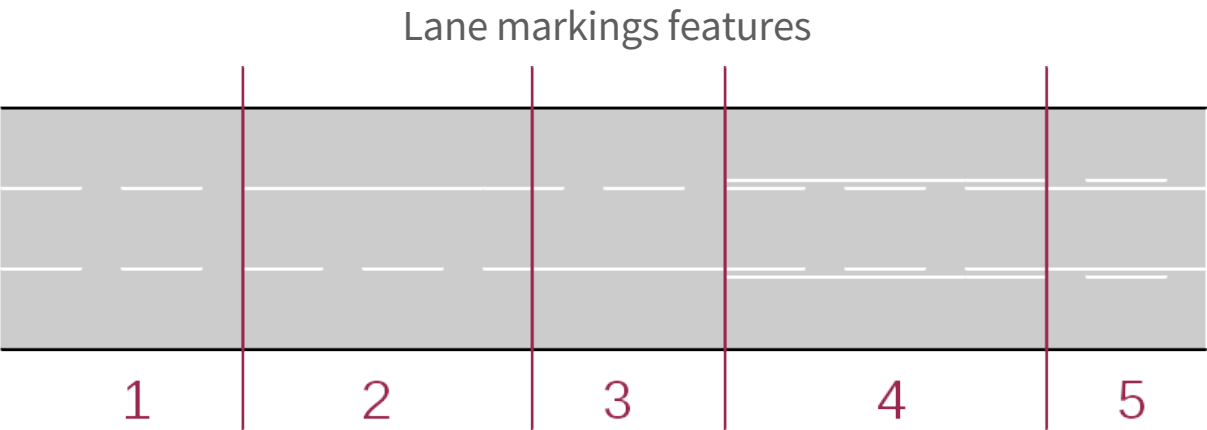
`change:lanes`

This key indicates whether there is a lane change restriction preventing a driver or cyclist from changing lanes along the way. Key is typically used with the `:lanes` suffix, as well as with the `:forward`, `:backward` suffixes on two-way roads.

List of `change:lanes` tag possible values

Value	Lane change
yes	It is legally allowed to change the lane in any direction <i>physically possible</i> . This does <i>not</i> mean that is <i>physically possible</i> to leave the lane in both directions. On the leftmost lane of a road the value <i>yes</i> is equivalent to <i>not_left</i> , on the rightmost lane it is equivalent to <i>not_right</i> .
no	It is legally forbidden to leave the lane.
not_right	It is legally forbidden to change to the lane on the right side, but allowed to change to the lane on the left side.
not_left	It is legally forbidden to change to the lane on the left side, but allowed to change to the lane on the right side.

only_right	It is legally forbidden to change to the lane on the left side, but allowed to change to the lane on the right side. Equivalent to <i>not_left</i> .
only_left	It is legally forbidden to change to the lane on the right side, but allowed to change to the lane on the left side. Equivalent to <i>not_right</i> .



Part 1: change:lanes=yes|yes|yes Part 2: change:lanes=no|not_left|yes Part 3:
change:lanes=yes|not_right|no Part 4: change:lanes=no|yes|no Part 5:
change:lanes=yes|no|yes

hov:lanes + motor_vehicle:lanes

A high-occupancy vehicle lane (also known as an HOV lane, carpool lane) is a restricted traffic lane reserved for the exclusive use of vehicles with a driver and one or more passengers, including carpools, vanpools, and transit buses. Also, hov lanes have special road markings with rhombus.

Road markings	Traffic sign
	

Possible values

Hov:lanes tag:	motor_vehicle:lanes tag:
yes - legal access for hov vehicles no - legal or physical ban for hov vehicles designated - a preferred or designated route for the hov lane - the same as designated	yes - legal access for the all vehicles no - legal or physical ban for all vehicles