

# DC Bike Lanes in OpenStreetMap

Bike Hack Night XI

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# Introduction

- DC DDOT discovers that PeopleForBikes will be doing a Bicycle Network Analysis
- Will use OpenStreetMap
- Top 8 scores range from 63 to 87
- Mike Goodno, James Graham from DC DDOT reach out to MappingDC

# Data

1,500 Features (segment of bike lane)

Importable? No

$$1,500 / 50 = 30 \text{ hours}$$

# Workflow

1. Pick a feature in tracking sheet
2. Switch to shapefile layer in JOSM
3. control-f (find object) where OBJECTID=???
4. Switch to data layer in JOSM
5. Download OSM data for a few blocks
6. Compare/Add attributes

# Mapping Vocabulary

DDOT

OpenStreetMap

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existing bike lane

`cycleway={lane|left|right}`

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shared bike lanes

`cycleway=shared`

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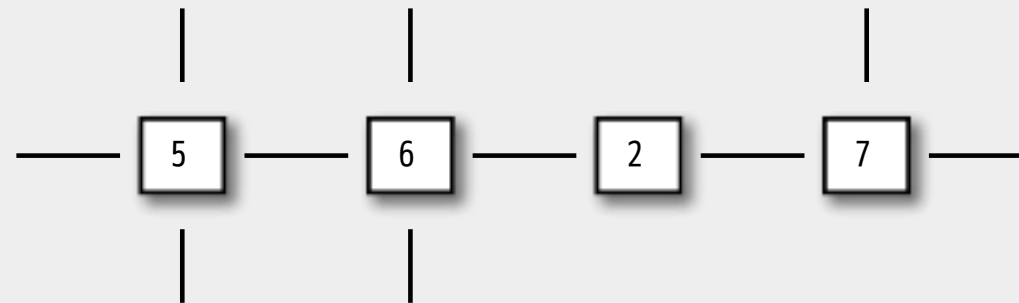
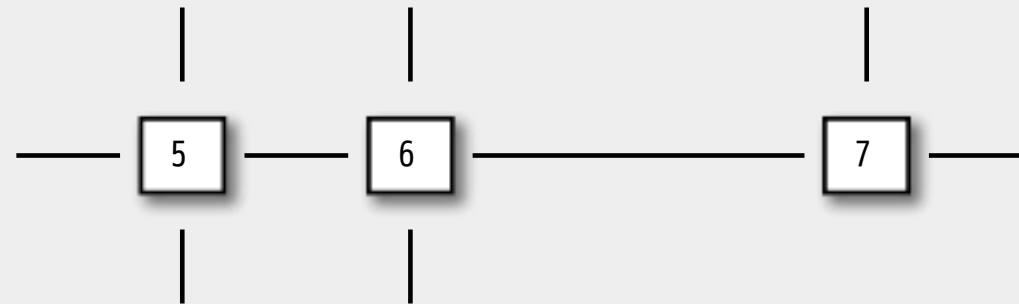
cycle track

`cycleway=lane`

# OSM Node Attributes

name	value
cycleway	lane
highway	secondary
lanes	2
lcn	yes
name	East Capitol Street Northeast
railway	abandoned_tram
sidewalk	both

# Splitting Ways



# Results

80% of OSM bike lanes already there

DC score now 37



# Contact

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MappingDC