

# Exit & Destination Signs

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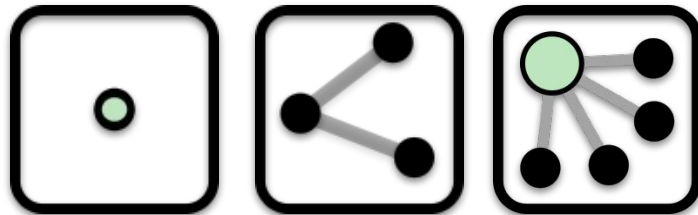
# Agenda

- **Objective and Vocab**
- **Exit Signs**
  - **Tags for the Node**
    - **Motorway junction**
    - **Ref vs Non Ref**
  - **Tags for the corresponding Way**
- **Destination Signs**
- **Examples**
- **Training Sheets**

# Objective

# Objective

Gain a understanding of how to read and edit exit & destinations signs in OSM.



# Vocab

**Destination Sign** - A sign that details a route, road, city, or place for a vehicle to ascend to.

**Exit Sign** - a sign that indicates where a freeway exit is occurring, and is sometimes marked with a number of that exit

**Link road** - link roads are used to identify slip roads or ramps

**Exit number**- The junction/exit number from the exit sign. Examples: 236, 11A, 51A-B

**Exit Name** - The exit name from the exit sign - this is not typical for most exits

**Toward location** - The location that the exit/ramp/slip road will head toward

**Toward route number** - The route number that the exit/ramp/slip road will head toward

**Toward road name** - The road name that the exit/ramp/slip road will head toward

**Branch route number** - The route number that the exit/ramp/slip road will branch onto

**Branch route name** - The road name that the exit/ramp/slip road will branch onto

**Advisory speed limit** - When a exit/ramp/slip road has an advisory speed sign

**On-Ramp** - a slip road that is entering and merging with a highway

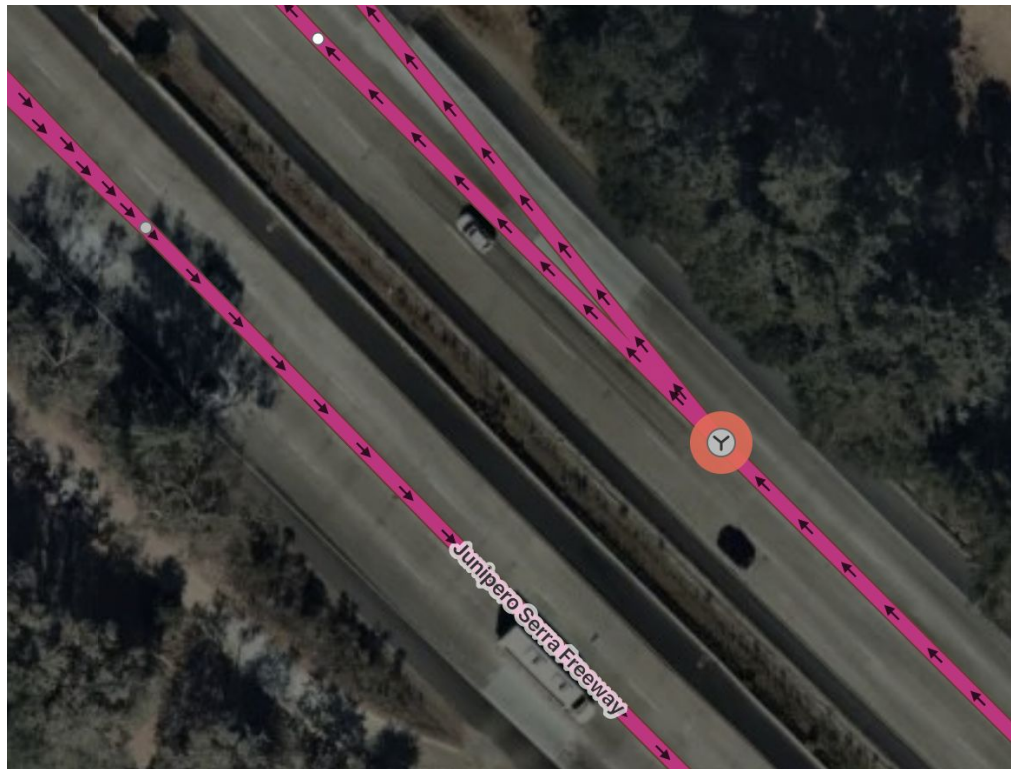
**Off-Ramp** - a slip road that is exiting a highway

**Route marker** - the highway shield including the interstate or state route number

# Exit Signs

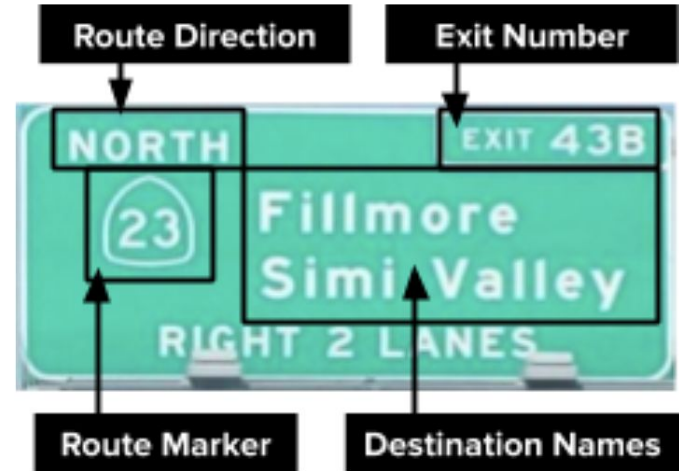
# Exit Signs

- The sign coming off a highway
- Will tag the node the junction occurs and the following way



# Exit Signs









- Exits may stand alone
- Sometime Signs may contain multiple signs (route marker and exit sign) and information all in one





# Route Marker

- Not all signs are exit signs
- Signs differ from location, below are route signs in CA
- Know the market you are working in, seek out additional resources for locations

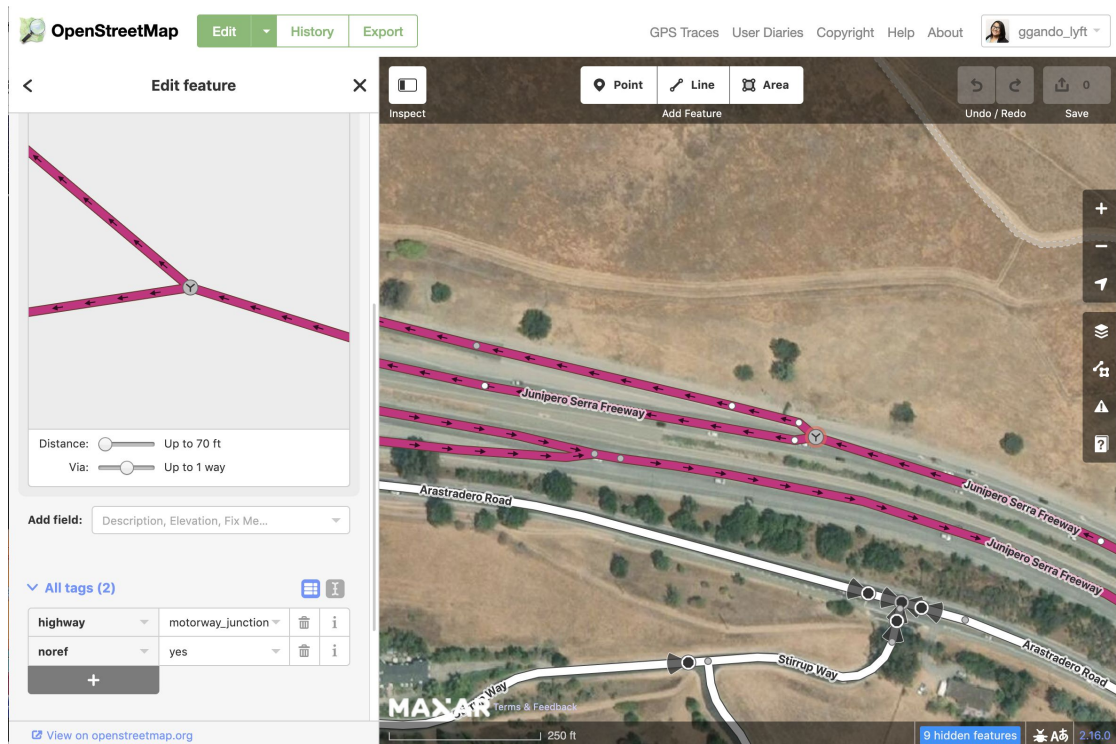
Route	Route Value	Route Example
Interstate	I #	  
U.S. Route	US #	 
California State Route	CA #	
County Route	CR #	 

# Exit Signs Node - Motorway Junction

- Exit sign node is the node where the split occurs for the exit
- 2 tags will be applied

1. **'Highway = motorway\_junction'** will be applied to all exit sign nodes

Key	Value
highway	motorway_junction



# Exit Signs Node - Ref vs. Noref

The 2nd tag that will be applied is the **ref** or **noref** tag

- If there is a numeric exit sign use the 'ref' key
- If there is no numeric exit sign use the noref sign
- Do not attempt to apply both **ref** and **noref** tag to the exit sign node

Key	Value	Description
ref	*	Junction or exit number
noref	yes	Use tag if no reference number exists

# Exit Signs - Way

- The proceeding way from the motorway\_junction
- If the 'ref' tag was used on the way the same value is used for 'junction:ref'
- If there is a non numeric value for the exit, the destination street tag

Key	Value	Description
highway	*_link	Link road type
oneway	yes	Link roads usually one way
junction:ref	*	Exit number

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Inspect Add Feature Point Line Area Undo / Redo Save

### Edit feature

Foot	no	
Motor Vehicles	yes	
Bicycles	no	
Horses	no	

Advisory Speed Limit 40 mph

Add field: Covered, Description, Destination Symbo...

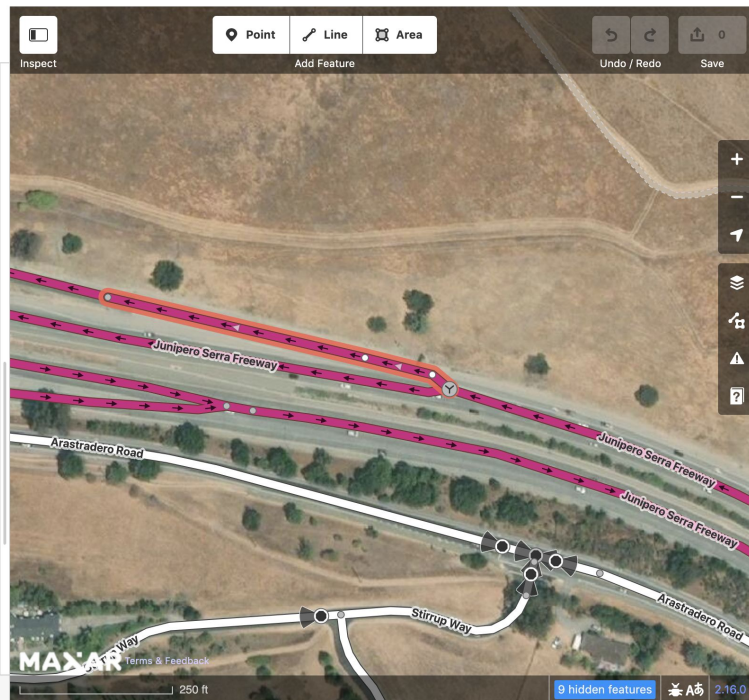
▼ All tags (8)

destination	Page Mill Road;P...	
highway	motorway_link	
lanes	2	
maxspeed:advi...	40 mph	
oneway	yes	
tiger:cfcc	A63	
tiger:county	Santa Clara, CA	
tiger:reviewed	no	

+

▼ All relations (5)

[View on openstreetmap.org](#)



# Destination Signs

# Destination Tags in Scope

Key	Value	Description
junction:ref	*	Exit number
destination	*	Toward direction
destination:ref	*	branch route number [route direction]
destination:ref:to	*	toward route number [route direction]
destination:street	*	branch road name



**Ex. Derry Street**

Note: Write out the street type,  
**'Derry Street'**

# Destination Signs

## Examples with

## Tags

# Non-numeric Exit Sign

- Not all exits will have numbers
- 'destination:street' tag will be used on the way



## Node

Key	Value
highway	motorway_junction
noref	yes

## Way

Key	Value
highway	motorway_link
oneway	yes
destination:street	Derry Street



# Unnumbered Exit

When using destination ref  
remember convert route  
symbol to text

## Node

Key	Value
highway	motorway_junction
noref	yes



## Way

Key	Value
highway	motorway_link
oneway	yes
destination:street	Mill Valley;Stinson Beach
destination:ref	CA 1

# Shared Exit

- When multiple values are needed for the same key, separate with ;



## Node

Key	Value
highway	motorway_junction
ref	53

## Way

Key	Value
highway	motorway_link
oneway	yes
junction:ref	53
destination	Pittsburg;Antioch;Martinez;Hercules
destination:ref	CA 4

# Exit with AB

## Node

Key	Value
highway	motorway_junction
ref	51A;51B

## Way

Key	Value
highway	motorway_link
oneway	yes
junction:ref	51A
destination	Carlisle;Lewistown
destination:ref	I 81 South;US 322 West



## Way

Key	Value
highway	motorway_link
oneway	yes
junction:ref	51B
destination	Hazleton;Allentown
destination:ref	I 81 North
destination:ref:to	I 78



**Thank you**

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# Training Sheets

# Practice 1

Node

Key	Value

Way

Key	Value



# Practice 2

Not all cells of the table will be used

Node

Key	Value

Way

Key	Value



Way

Key	Value

# **Answer Key to Training Sheets**



# Practice 1

## Node

Key	Value
highway	motorway_junction
noref	yes

## Way

Key	Value
highway	*_link
oneway	yes
destination: street	El Monte Road; Moody Road



# Practice 2

Not all cells of the table will be used

## Node

Key	Value
highway	motor_junction
noref	yes

## Way

Key	Value
highway	*_link
oneway	yes
destination	San Jose
destination:street	John Daly Boulevard East
destination:ref	I 280



## Way

Key	Value
highway	*_link
oneway	yes
destination:street	John Daly Boulevard West