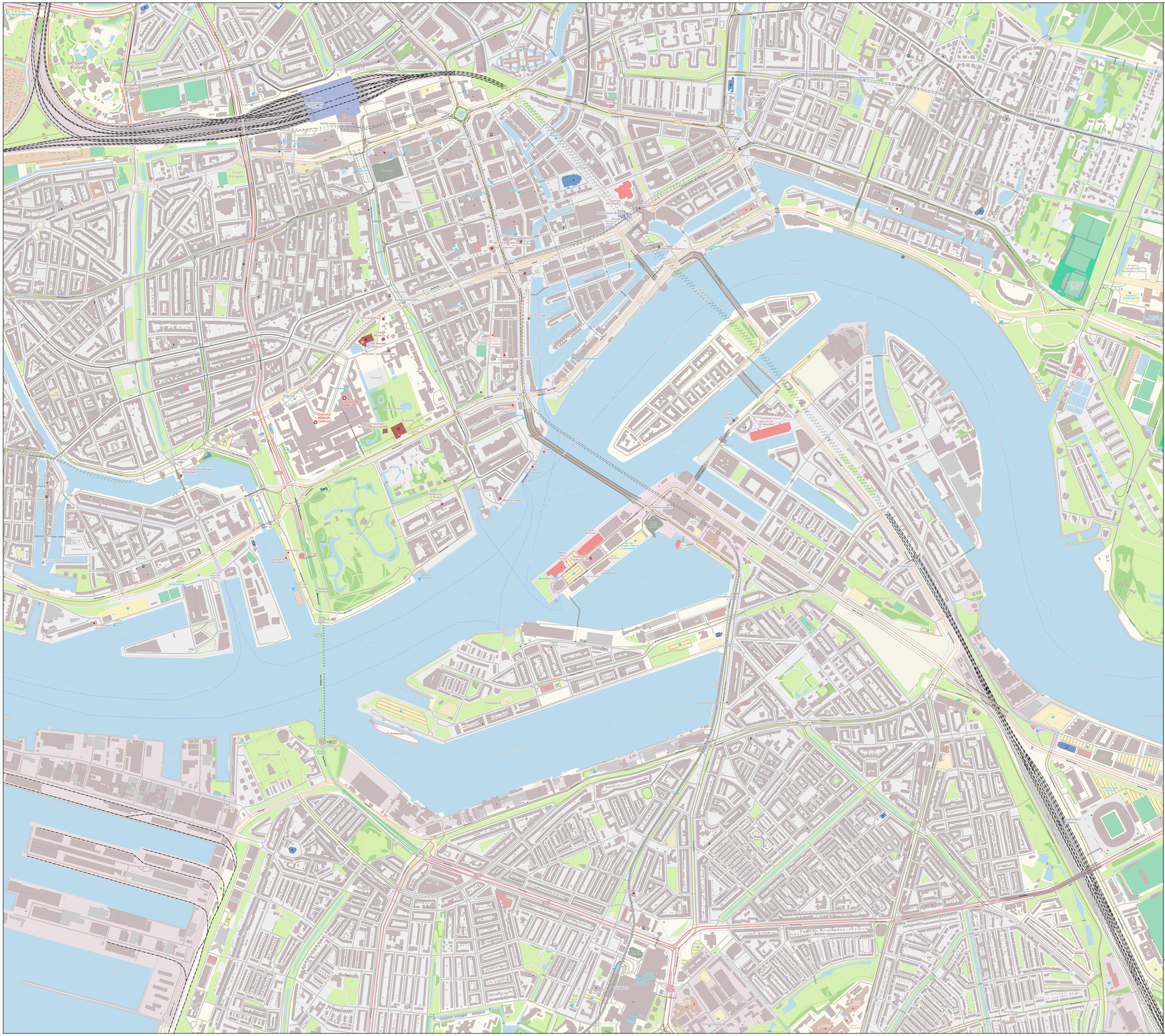

"Rotterdam"

OpenStreetMap Renderer for ArcGIS

Railway (Lines) - Tunnel
<all other values>
rail
light_rail
subway
tram
monorail
funicular
narrow_gauge
preserved
miniature
abandoned
disused
proposed
construction
platform

Tourism (Points) - Viewpoint
viewpoint, other
viewpoint,
viewpoint, tower

Tourism (Points) - Information Office
office

Tourism (Points) - Information Guidepost
guidepost

Tourism (Points) - Information Map
map

Tourism (Points) - Information Board
board, <null>
board, district
board, geology
board, history
board, nature
board, plants
board, wildlife

Tourism (Points)
wilderness_hut
alpine_hut
attraction
camp_site
caravan_site
motel
museum
picnic_site
theme_park
zoo

Tourism (Points) - Zoo Enclosure
zoo enclosure

Historic (Points)
archaeological_site
battlefield
boundary_stone
castle
fort
manor
memorial
milestone
monument
palace
ruins

Place of worship (Points)
buddhist
christian
hindu
jewish
muslim
shinto
sikh
taoist

Leisure (Points)
bird_hide
dog_park
fishing
ice_rink
miniature_golf
swimming_pool
wildlife_hide

Aerialway (Points)
station

Natural (Points)
bay
beach
cape
cave_entrance
geyser
peak
reef
spring
volcano

Power (Points) - Wind turbine
wind turbine

Power (Points) - Cable_distribution_cabinet
cable_distribution_cabinet

Power (Points) - Compensator
compensator

Power (Points) - Converter
converter

Power (Points) - Transformer
transformer

Power (Points) - Switch
switch

Power (Points) - Pole_Tower
pole
tower

Aeroway (Points)
gate (number)
helipad

Man made (Points) - Telescope
radio_telescope
telescope

Man made (Points) - Communications Tower
communications_tower

Man made (Points) - Tower
mast, communication
mast, lighting
tower, communication
tower, defensive
tower, lighting
tower, observation

Man made (Points)
beacon
crane
lighthouse
mineshaft
water_tower
water_well
watermill
windmill

Railway (Points)
buffer_stop
halt
level_crossing
subway_entrance
station
tram_stop
turntable

Amenity (Points) - Shelter Public Transport
shelter, public_transport

Amenity (Points) - Shelter
shelter, <null>
shelter, basic_hut
shelter, lean_to
shelter, picnic_shelter
shelter, rock_shelter
shelter, weather_shelter

Amenity (Points) - Hospital
hospital, emergency=yes
hospital, emergency=no
hospital, unknown
clinic, emergency=yes
clinic, emergency=no
clinic, unknown

Amenity (Points) - Public Parking
public parking

Amenity (Points) - Destination Parking
customers or destination parking

Amenity (Points)
bus_station
cinema
ferry_terminal
fire_station
fountain
fuel
hunting_stand
library
police
post_office
theatre
toilets
townhall

Power (Lines) - Line
line
minor_line

Power (Lines) - Busbar_Bay
bay
busbar

Power (Lines) - Cable
cable

Aerialway (Lines)
cable_car
gondola
chair_lift
mixed_lift
t-bar
j-bar
platter
rope_tow
magic_carpet
goods

Route (Lines) - Piste
downhill, novice
downhill, easy
downhill, intermediate
downhill, advanced
downhill, expert
downhill, freeride
downhill, <null>
nordic, novice
nordic, easy
nordic, intermediate
nordic, advanced
nordic, expert
nordic, unknown
skitour, unknown
sled, unknown
sleigh, unknown

Historic (Lines) - Aqueduct
aqueduct bridge
aqueduct

Man made (Lines) - Pipeline Overground
pipeline

Man made (Lines) - Pipeline Bridge
pipeline bridge

Aeroway (Lines)
runway
taxiway

Natural (Lines)
arete
cliff
ridge
strait

Natural (Lines) - Tree_row
tree_row

Barrier (Lines)
city_wall

Barrier (Lines) - Hedge
hedge

Boundary (Polygons)
national_park
protected_area

Man made (Polygons) - Boundary
wastewater_plant
water_works

Tourism (Polygons) - Zoo Enclosure
zoo enclosure

Tourism (Polygons) - Boundary
attraction
camp_site
caravan_site
museum
picnic_site
theme_park
viewpoint
zoo

Historic (Polygons) - Boundary
Historic (Polygons) - Boundary

Land use (Polygons) - Observatory
observatory

Land use (Polygons) - Boundary
brownfield
greenfield
military

Waterway (Polygons) - Boundary
wadi
boatyard

Barrier (Polygons) - Hedge Boundary
hedge

Leisure (Polygons) - Boundary
fishing
marina
miniature_golf
nature_reserve
water_park

Amenity (Polygons) - Hospital Boundary
clinic or hospital

Amenity (Polygons) - Boundary
college
police
prison
school
university

Tourism (Polygons) - Building
alpine_hut
attraction
gallery
information
motel
museum
viewpoint
wilderness_hut

Historic (Polygons) - Building
<all other values>
aqueduct
castle
city_gate
citywalls
fort
manor
memorial
monument
palace
ruins

Amenity (Polygons) - Hospital Building
hospital, emergency=yes
hospital, emergency=no
hospital, unknown
clinic, emergency=yes
clinic, emergency=no
clinic, unknown

Building (Polygons) - Hospital
hospital, emergency=yes
hospital, emergency=no
hospital, unknown
clinic, emergency=yes
clinic, emergency=no
clinic, unknown

Amenity (Polygons) - Building
cinema
ferry_terminal
fire_station
library
police
post_office
prison
theatre
toilets
townhall

Place of worship (Polygons) - Building
generic place of worship
cathedral
chapel
church
convent
monastery
mosque
synagogue
temple

Aeroway (Polygons) - Facility
hangar
helipad
terminal

Aerialway (Polygons) - Building
aerialway station building

Railway (Polygons)
station
platform
turntable

Leisure (Polygons) - Building
bird_hide
ice_rink building or covered
sports_centre
stadium
swimming_pool building or covered
track building or covered
wildlife_hide

Military (Polygons) - Building
barracks
bunker

Building (Polygons) - Bunker
bunker

Amenity (Polygons) - Parking Building Public
public parking

Amenity (Polygons) - Parking Building Destination
customers or destination parking

Building (Polygons)
generic building
barn
castle (avoid, use historic=castle)
city_hall
construction
factory
garage
garages
glasshouse
greenhouse
hangar
houseboat
hut
industrial
office
palace (avoid, use historic=castle)
retail
school
shed
static_caravan
train_station
transportation
university
warehouse

Power (Polygons) - Solar Photovoltaic Panel
solar_photovoltaic_panel

Power (Polygons) - Solar Thermal Collector
solar_thermal_collector

Power (Polygons) - Heliostat
heliostat

Power (Polygons) - Compensator
compensator

Power (Polygons) - Converter
converter

Power (Polygons) - Substation
substation
sub_station (avoid, use power=substation)

Power (Polygons) - Generator
generator

Power (Polygons) - Plant
plant

Man made (Polygons) - Telescope
telescope
radio_telescope

Man made (Polygons) - Communications Tower
communications_tower

Man made (Polygons) - Tower
communication
cooling
defensive
observation

Railway (Lines) - Layer 0
<all other values>
rail
light_rail
subway
tram
monorail
funicular
narrow_gauge
preserved
miniature
abandoned
disused
crane
construction
proposed
platform

Railway (Lines) - Layer 0 - Siding, spur, yard
<all other values>
rail: yard
rail: siding
rail: spur
light_rail: yard
light_rail: siding
light_rail: spur
subway: yard
subway: siding
subway: spur
tram: yard
tram: siding
tram: spur
monorail: yard
monorail: siding
monorail: spur
funicular: yard
funicular: siding
funicular: spur
preserved: yard
preserved: siding
preserved: spur
miniature: yard
miniature: spur
miniature: siding
narrow_gauge: yard
narrow_gauge: siding
narrow_gauge: spur
abandoned: yard
abandoned: siding
abandoned: spur
disused: yard
disused: siding
disused: spur
construction: yard
construction: siding
construction: spur
proposed: yard
proposed: siding
proposed: spur
platform: yard
platform: siding
platform: spur

Highway (Lines) - Layer 0
<all other values>
motorway
motorway_link
trunk
trunk_link
primary
primary_link
secondary
secondary_link
tertiary
tertiary_link
unclassified
road
residential
living_street
service
track
path
pedestrian
footway
steps
cycleway
bridleway
bus_guideway
platform
ford
proposed
construction

Highway (Lines) - Layer 0 - Bridge
<all other values>
motorway bridge
motorway_link bridge
trunk bridge
trunk_link bridge
primary bridge
primary_link bridge
secondary bridge
secondary_link bridge
tertiary bridge
tertiary_link bridge
unclassified bridge
road bridge
residential bridge
living_street bridge
ncycleway bridge
service bridge
track bridge
path bridge
pedestrian bridge
footway bridge
steps bridge
cycleway bridge
bridleway bridge
bus_guideway bridge
platform bridge
ford bridge
proposed bridge
construction bridge

Man made (Polygons)
breakwater
bridge
chimney
crane
gasometer
groyne
lighthouse
mineshaft
monitoring_station
pier
pumping_station
reinforced_slope
reservoir
reservoir_covered
silo
storage_tank
storm_surge_barrier
water_tower
water_well
watermill
windmill
works

Man made (Lines)
pier
groyne
breakwater

Man made (Lines) - Dyke_Levee
dyke
levee

Aeroway (Polygons) - Apron
apron

Building (Polygons) - Underground
Building (Polygons) - Underground

Barrier (Polygons)
city_wall
hedge
retaining_wall

Route (Lines) - Ferry
ferry

Highway (Lines) - Tunnel
<all other values>
motorway tunnel
motorway_link tunnel
trunk tunnel
trunk_link tunnel
primary tunnel
primary_link tunnel
secondary tunnel
secondary_link tunnel
tertiary tunnel
tertiary_link tunnel
unclassified tunnel
road tunnel
residential tunnel
living_street tunnel
raceway tunnel
service tunnel
track tunnel
path tunnel
pedestrian tunnel
footway tunnel
steps tunnel
cycleway tunnel
bridleway tunnel
bus_guideway tunnel
platform tunnel
ford tunnel
proposed tunnel
construction tunnel

Waterway (Lines) - Dam_Weir
dam
weir

Waterway (Polygons)
<all other values>
canal
dam
ditch
dock
drain
lake
lock
riverbank
stream

Natural (Polygons) - Water
bay
reef
spring
water
waterfall

Land use (Polygons) - Water
basin
reservoir
salt_pond

Waterway (Lines)
canal
ditch
drain
river
stream
wadi

Woodland (Polygons)
Other woodland type
Unknown
Coniferous
Deciduous
Mixed

Leisure (Polygons) - Feature
bird_hide
dog_park
ice_rink
pitch
playground
sports_centre
stadium
swimming_pool
track
wildlife_hide

Highway (Polygons)
pedestrian
rest_area
services

Geological (Polygons)
moraine

Natural (Polygons)
<all other values>
bare_rock
beach
cape
fell
glacier
grassland
heath
land
moor
mud
rock
sand
scree
scrub
tundra
wetland

Amenity (Polygons) - Parking Area Public
public parking

Amenity (Polygons) - Parking Area Destination
customers or destination parking

Amenity (Polygons) - Area
bus_station
grave_yard
marketplace

Leisure (Polygons) - Area
<all other values>
common
garden
park
golf_course
miniature_golf

Land use (Polygons)
<all other values>
allotments
cemetery
commercial
construction
farm
farmyard
forest
garages
grass
greenhouse_horticulture
industrial
landfill
meadow
orchard
quarry
railway
recreation_ground
residential
retail
village_green
vineyard

Aeroway (Polygons) - Aerodrome
aerodrome

Place (Polygons) - Island
island

Waterway (Polygons) - Backdrop
<all other values>
canal
dam
ditch
dock
drain
lake
lock
riverbank
stream

"Rotterdam"

as rendered by the OSM Renderer for ArcGIS
Application development by MSc Marco Boeringa
Note: Contours may contain artefacts due to uncorrected source

0 0,125 0,25 Kilometers

1:10.000

Projection: ArcGIS:
WGS 1984 Web Mercator (auxiliary sphere)

Data Credits: **© OpenStreetMap contributors, 2014**, contours based on ASTER GDEM: **ASTER GDEM is a product of METI and NASA**.
Disclaimer: OpenStreetMap is a community project. Data provided "AS IS". Map author does not take any responsibility for possible in-accuracies or errors in the map, or damages caused by the use of this map.

Cartography and application development of the OSM Renderer for ArcGIS by MSc Marco Boeringa (marco@boeringa.demon.nl). The OSM Renderer is a combined ModelBuilder / Python toolbox that depends on ESRI's "OpenStreetMap Editor for ArcGIS" for preliminary data preparation and extraction of attributes, but enhances this with OSM rendering rules and automated data processing to build a topographic style map. It makes extensive use of SQL Definition Queries, Symbol Level Drawing and (Maplex) labeling options. The OSM Renderer for ArcGIS cartographic styling is loosely based on CartoCSS/Mapnik rendering, with adjustments.