

NAVSTREETS Shapefile Samples

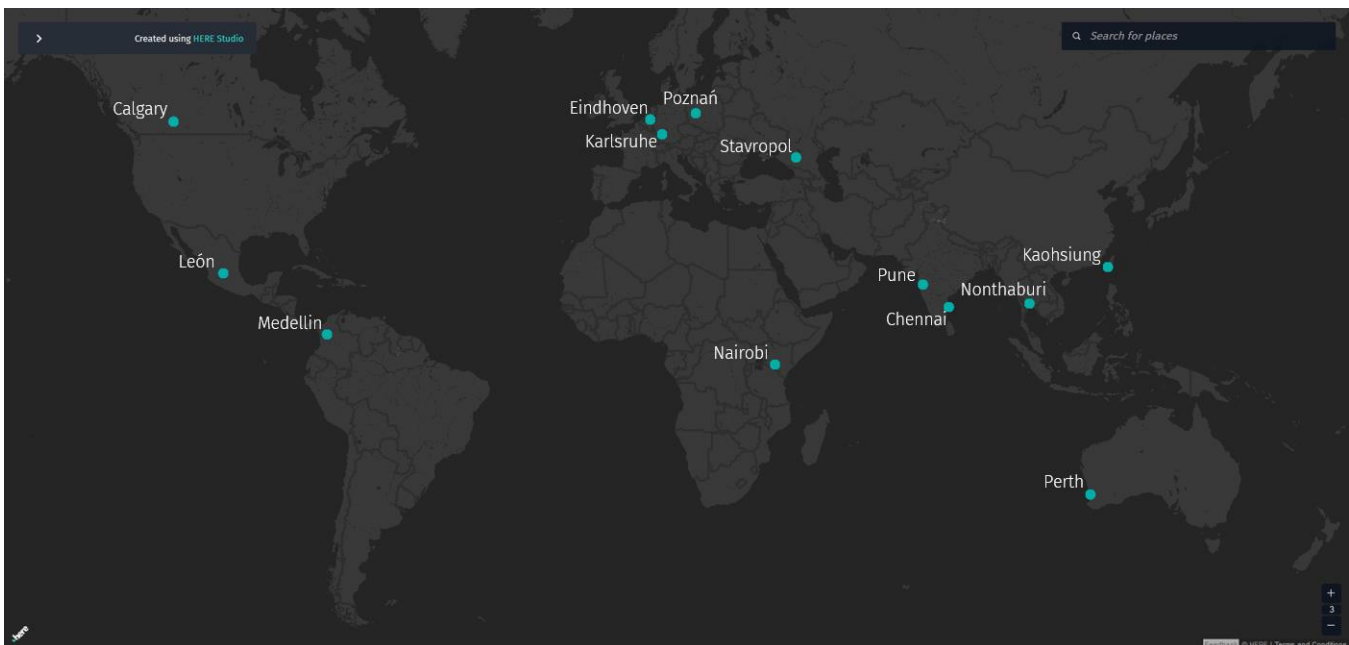
Product Information

These release notes highlight some general information about **NAVSTREETS Shapefile Samples**.

Shapefile

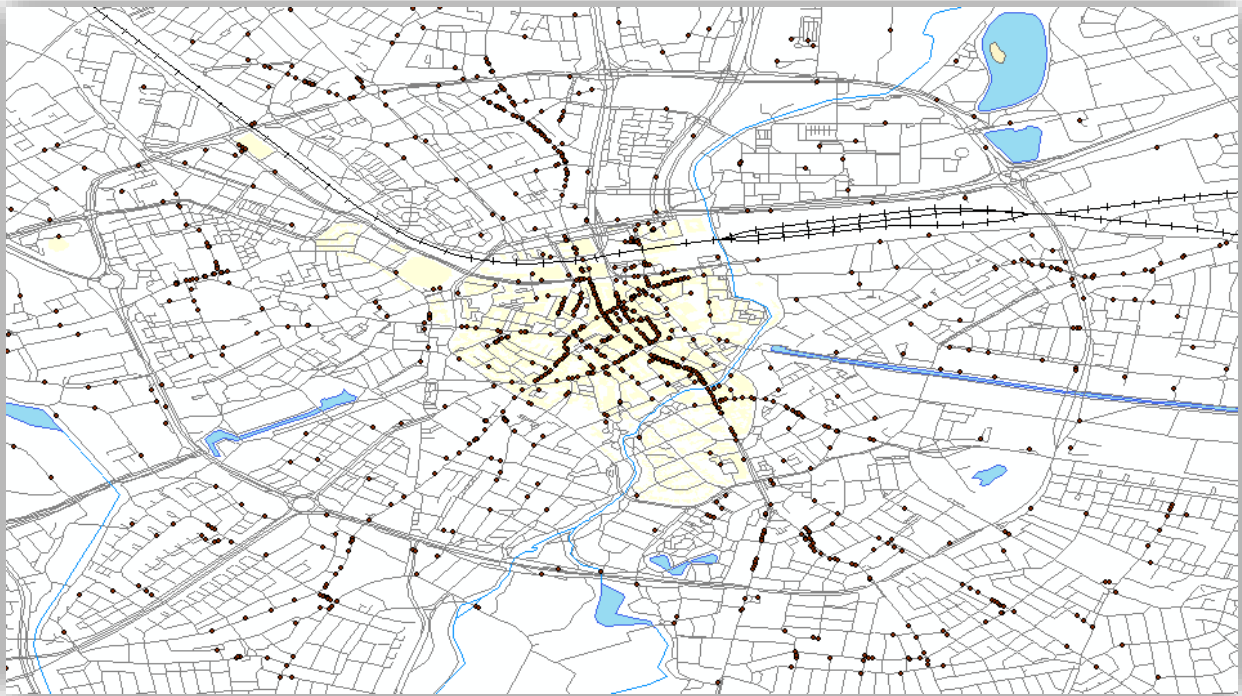
The format is a popular geospatial vector data format for Geographic Information System (GIS) software. It is developed for data interoperability among GIS software products. The shapefile format can spatially describe vector features: points, lines, and polygons, representing, for example, water wells, rivers, and lakes. Each item usually has attributes that describe it.

Provided Cities



- Calgary, Canada
- Chennai, India
- Eindhoven, Netherlands
- Karlsruhe, Germany
- Kaohsiung, Taiwan
- León, Mexico
- Medellín, Colombia
- Nairobi, Kenya
- Nonthaburi, Thailand
- Perth, Australia
- Poznań, Poland
- Pune, India
- Stavropol, Russia

Sample (Eindhoven)



Legend

- T2017_EIN_POI_TABLE
- +— T2017_EIN_RAILWAYS
- T2017_EIN_WATER_LINES
- T2017_EIN_STREETS
- T2017_EIN_ISLANDS
- T2017_EIN_BUILDINGS
- T2017_EIN_WATERS
- T2017_EIN_ADMIN_4

Shapefile schema

HERE Map Data for Students
Shapefile

POINT DATA

POI_TABLE		STREET_NODE	
PK	POI_ID	PK	NODE_ID
FK	LINK_ID	FK	LINK_ID
	TYPE		POINT_NUM
	POI_NAME		Z_LEVEL
	ST_NAME		INTERSECT
	LAT		LAT
	LON		LON

POLYGON DATA

LAND_USE_A		ISLANDS	
PK	POLYGON_ID	PK	POLYGON_ID
	NAME		NAME
	TYPE		TYPE
LAND_USE_B		ADMIN_3	
PK	POLYGON_ID	PK	POLYGON_ID
	NAME		NAME
	TYPE		TYPE
WATERS		ADMIN_4	
PK	POLYGON_ID	PK	POLYGON_ID
	NAME		NAME
	TYPE		TYPE
BUILDINGS		ADMIN_5	
PK	POLYGON_ID	PK	POLYGON_ID
	NAME		NAME
	TYPE		TYPE
	HEIGHT		

LINE DATA

STREETS		RAILWAYS	
PK FK	LINK_ID	PK	LINK_ID
	ST_NAME		
	REF_IN_ID		
	NREF_IN_ID		
	FUNC_CLASS		
	SPEED_CAT		
	FR_SPEED_L		
	TO_SPEED_L		
	DIR_TRAVEL		
		WATER_LINES	
		PK	LINK_ID
			TYPE

Schema Overview
Version 1.0
Spatial Data Center of Excellence

Layer description

Layer name	Description
POI_TABLE	POI_TABLE consist of different types of Points of Interest e.g. Educational Institutions, Restaurants, Shopping, Parkings, Hospitals etc.
STREET_NODE	STREET_NODE - layer needed for routing purposes
STREETS	STREETS – layer which includes information about functional class of a road, speed limits, direction travel
RAILWAYS	Geometry of railways
WATER_LINES	Geometry of water lines
LAND_USE_A	Geometry of land use A
LAND_USE_B	Geometry of land use B
WATERS	Geometry of water
BUILDINGS	Geometry of buildings
ISLANDS	Geometry of islands
ADMIN_3 – ADMIN_5	Administrative boundaries at different levels

Datasets availability

Location	2017 Release	2018 Release	2019 Release
Calgary, Canada	✓	✓	
Chennai, India	✓	✓	
Eindhoven, Netherlands	✓	✓	
Karlsruhe, Germany		✓	✓
Kaohsiung, Taiwan	✓	✓	

León, Mexico	✓	✓	
Medellin, Colombia	✓	✓	
Nairobi, Kenya	✓	✓	
Nonthaburi, Thailand	✓	✓	
Perth, Australia	✓	✓	
Poznań, Poland	✓	✓	
Pune, India	✓	✓	
Stavropol, Russia	✓	✓	

Database Quality

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