GIS Public Data Guide

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General Notes

File downloads are refreshed every Sunday evening at 7:00 PM. Individual data layers are edited at different time intervals. Please see individual layer for update frequency

Addresses

Point layer of existing addresses within the City

Update Frequency: Updated as building permits are submitted to the City
Credits: City of Greenville, SC

FULLADDRESS: *Complete address; Unit Type and Unit shown in separate fields*

UNITTYPE: *Type of unit if applicable (*see Domain Appendix*, address_UnitType)*

UNIT: *Unit character if applicable*

BUILDING: *Building Name and or Number if applicable*

ZIPCODE: *Zipcode*

FEAT_CODE: *Address type (*see Domain Appendix*, address_FeatCode)*

STATUS: *Address status (*see Domain Appendix*, address_Status)*

Bicycle Infrastructure

Line layer of existing and proposed bicycle infrastructure (bike lanes, sharrows, greenways) in the City; proposed infrastructure was developed through the 2011 Bicycle Master Plan

Update Frequency: Updated as GIS is informed of changes
Credits: City of Greenville, SC

STATUS: *Status of infrastructure (Existing, Proposed)*

BIKE_TYPE: *Type of infrastructure (Bikelane, Greenway, Sharrow)*

STREET_NAME: *Street where infrastructure is located*

Bicycle Routes

Line layer of existing and proposed bicycle routes in the City; proposed routes were developed through the 2011 Bicycle Master Plan

Update Frequency: Updated as GIS is informed of changes
Credits: City of Greenville, SC

STATUS: *Status of route (Existing, Proposed)*

STREET_NAME: *Street where route is located*

NOTES: *Name of route*

Building Footprints

Polygon layer of building footprints in the City

Update Frequency: Updated as building permits are submitted to the City
Credits: City of Greenville, SC

FEATCODE: *Type of building (*see Domain Appendix*, dBuild_FeatCode)*

FAC_LABEL: *Label for building type if applicable*

HEIGHT: *Estimated heights of building (Estimate methodology uses either Pictometry tools or number of stories indicated on permit)*

Bus Routes

Line layer of Greenlink bus routes

Update Frequency: Updated as GIS is informed of changes
Credits: City of Greenville, SC; Greenlink

ROUTE NAME: *Name of bus route*

ROUTE ID: *Route ID*

Bus Stops

Point layer of Greenlink bus stops

Update Frequency: Updated as GIS is informed of changes
Credits: City of Greenville, SC

Stop Name: *Location of bus stop*

Routes: *Name of bus route*

City Council Districts

Polygon layer of council districts in City

Update Frequency: Updated with each annexation and every 10 years for redistricting
Credits: City of Greenville, SC

DISTRICT: *District number (1, 2, 3, 4)*

City Flood Study

Polygon layer of City Flood Study 100 yr floodplain

Update Frequency: Updated feature class was submitted to the City GIS in 2019 but was not effective until approval by Council on March 11, 2024.

City Limits

Polygon layer of City limit boundary; contains many enclaves that are Greenville County jurisdiction; enclaves appear as holes within the City

Update Frequency: Updated within a week of annexation
Credits: City of Greenville, SC

Colleges and Universities

Point layer of colleges and universities in City

Update Frequency: Updated annually or as GIS is informed of changes
Credits: City of Greenville, SC

NAME: *Name of college/university*

FEATURECODE: *Type*

OWNTYPE: *Ownership*

Community and Recreation Centers

Polygon layer of community and recreation centers in City

Update Frequency: Updated as GIS is informed of changes
Credits: City of Greenville, SC

NAME: *Name of community/recreation center*

FEATURECODE: *Type*

OWNTYPE: *Ownership*

Edge of Pavement

Polygon layer of paved streets in City

Update Frequency: Updated as GIS is informed of changes
Credits: City of Greenville, SC

FEMA Flood Zones (effective January 2019)

Polygon layer of FEMA designated flood zones for 2019; excludes areas with ZONE_SUBTY = "AREA OF MINIMAL FLOOD HAZARD" and FLD_ZONE = "AREA NOT INCLUDED"

Note: This data is provided to users for convenience and all questions should be directed to the FEMA documentation

Based on FEMA amendment effective 01/08/2019
Credits: City of Greenville, SC; FEMA

Major Water Bodies

Polygon layer of major water bodies in City

Update frequency: Updated every two years using aerial photography
Credits: City of Greenville, SC

FEAT_CODE: *Type of water body (*see Domain Appendix*, dWaterBodyType)*

Parcels

Polygon layer of parcels within two miles of City

Update Frequency: Updated every Tuesday morning via Greenville County GIS; City GIS does not maintain data but has an agreement with the County to provide this information to citizens
Credits: County of Greenville, SC; City of Greenville, SC

The Parcels layer is not a Land Survey

PIN: *Parcel Identification Number*

GIS_ACRES: *Total parcel acreage calculated as (SHAPE_area)/43560; Acreage based on polygon as drawn in GIS and does not represent surveyed area.*

OWNAM1: *Owner name*

POWNNM: *Previous owner name*

JURIS: *Jurisdictional Code (*see Domain Appendix*, parcels_Juris)*

SLPRICE: *Most recent sales price*

TAXMKTVAL: *Taxable market value*

FAIRMKTVAL: *Fair market value*
RRETCD: *Return Code (*see Domain Appendix*, parcels_ReturnCode)*

Parking

Polygon layer of commercial surface parking lots in City

Update Frequency: Updated as building permits are submitted
Credits: City of Greenville, SC

FEAT_CODE: *Type of parking lot (*see Domain Appendix*, dParking_FeatCode)*

Parks

Polygon layer of parks in City

Update Frequency: Updated as GIS is informed of changes
Credits: City of Greenville, SC

NAME: *Name of park*

FEATURECODE: *Type*

OWNTYPE: *Ownership*

Railroads

Line layer of railroad tracks in and around City

Update Frequency: Updated as GIS is informed of changes
Credits: City of Greenville, SC

Rivers and Streams

Line layer of rivers and streams in City

Update frequency: Updated every two years using aerial photography or as GIS is informed of changes
Credits: City of Greenville, SC

NAME: *Name of river/stream*

Schools

Polygon layer of schools in City

Update Frequency: Updated annually or as GIS is informed of changes
Credits: City of Greenville, SC

NAME: *Name of school*

FEATURECODE: *Type of school (School: Elementary, School: High School, School: Middle School)*

OWNTYPE: *Ownership*

Sidewalks

Line layer of sidewalks in right-of-way in City

Update Frequency: Updated as GIS is informed of changes
Credits: City of Greenville, SC

MATERIAL: *Material of sidewalk*

WIDTH: *Width of sidewalk*

STREET_NAME: *Name of the street the sidewalk is on*

Special Emphasis Neighborhoods

Polygon layer of communities in the city that have historically contained a significant number of households living below the poverty line

Update Frequency: Updated with each annexation (if applicable) or as GIS is informed of changes
Credits: City of Greenville, SC

NAME: *Name of special emphasis neighborhood*

Streets

Line layer of street centerlines in City

Update Frequency: Updated as building permits are submitted
Credits: City of Greenville, SC

FACILITYID: *City of Greenville Unique Identifier*

ROADNUM: *Road Number Identifier if applicable*

ST_LABEL: *Full street name*

RDCLASS: *Road types (*see Domain Appendix*, dStreetClass)*

MAINTENANCE: *Agency responsible for maintenance (*see Domain Appendix*, dRoadMaint)*

SPEED: *Speed limit*

SURTYPE: *Type of surface (Asphalt, Concrete, Unknown)*

WIDTH: *Width in feet*

YEARPAVED: *Year the street was last paved*

Trails

Line layer of existing and proposed trail infrastructure (greenway, street based, natural surface); proposed infrastructure was developed through the 2008 Trails and Greenways Master Plan and the 2011 Bicycle Master Plan

Update Frequency: Updated as GIS is informed of changes
Credits: City of Greenville,

SYSTEM_NAME: *Name of Trail System*

TRAIL_NAME: *Name of Trail*

TRAIL_TYPE: *Type of infrastructure (Greenway, Natural, Street)*

Zoning

Polygon layer of current zoning

Update Frequency: Updated every Thursday evening via Greenville County GIS
Credits: City of Greenville, SC; County of Greenville, SC

ZONING: *Zoning type*

Zoning values listed below are the only zoning values applicable for the City of Greenville. See Article 19-2 of the City of Greenville Development Code: https://library.municode.com/sc/greenville/codes/code_of_ordinances?nodeId=COOR_CH19DECO

HOUSE-SCALE (RH-A) House A (RH-B) House B (RH-C) House C (RH-D) House D	SHOPFRONT MIXED-USE (MXS-2) Shopfront 2 (MXS-3) Shopfront 3 (MXS-5) Shopfront 5 (MXS-D) Shopfront Downtown
NEIGHBORHOOD-SCALE (RN-A) Neighborhood A (RN-B) Neighborhood B (RNX-B) Neighborhood Flex B (RN-C) Neighborhood C (RNX-C) Neighborhood Flex C	BUSINESS (BG) Business General (BH) Business Heavy
COMMUNITY-SCALE (RC-2) Community 2 (RC-3) Community 3 (RC-5) Community 5	INDUSTRIAL (IX) Industrial Flex (IG) Industrial General
MIXED USE (MX-2) Mixed Use 2 (MX-3) Mixed Use 3 (MX-5) Mixed Use 5 (MX-D) Mixed Use Downtown	SPECIAL (CM) Campus (CV) Civic (PK) Park
OVERLAY (-DD) Downtown Design (-P) Preservation (-NR) Neighborhood Revitalization (-AP) Airport Protective	(-SFHA) Special Flood Hazard Area

Domain Appendix

Name and Description for each Domain

address_FeatCode

Name	Description
COMM/INDUSTRIAL	Comm/Industrial

RESIDENTIAL-MULTI	Residential – Multi
MIXED USE	Mixed Use
SCHOOL	School
PARK	City Park
PARKING LOT	Parking Lot
PARKING STRUCTURE	Parking Structure
ACCESSORY	Accessory Structure
UTILITY STRUCTURE	Utility Structure/Box
CELL TOWER	Cell Tower
UNDER CONSTRUCTION	Under Construction
BILLBOARD	Billboard
GROUP QUARTERS	Group Quarters
ATM	Bank ATM
TEMPORARY	Temporary
OTHER	Other
FUTURE LUCA	Future LUCA
UNKNOWN	Unknown
RESIDENTIAL-SFA	Residential – SFA
RESIDENTIAL	Residential – SFD

address_Status

Name	**Description**
ACTIVE	Active
INACTIVE	Inactive
PENDING	Pending
TEMP	Temporary
COUNTY	County

address_UnitType

Name	**Description**
UNIT	Unit
APT	Apartment
SUITE	Suite
BASEMENT	Basement
LOBBY	Lobby
OFFICE	Office
CLUBHOUSE	Clubhouse
ROOM	Room
DEPARTMENT	Department
N/A	Not Applicable

dBuild_FeatCode

Name	Description
1	Temporary
20	Comm/Industrial
21	Residential – Multi
23	Mixed Use
24	School
25	Parking Structure
26	Acceessory Struct
27	Under Construction
28	Courtyard
29	Other
30	Group Quarters
31	Future LUCA
22	Residential – SFD
32	Residential - SFA

dParking_FeatCode

Name	Description
121	Paved
122	Unpaved
123	Background
124	Residential Driveway
127	Under Construction

dRoadMaint

Name	Description
0	Unknown
1	City
2	State
3	Private
4	County

dStreetClass

Name	Description
99	Unknown
5`	Interstate
0	Outside City Limits
10	Alley
11	Local Low Volume
12	Local Residential
13	Collector
14	Arterial

dHYDRO_WATERBODYTYPE

Name	**Description**
840	River
841	Water Body
842	Marsh

parcels_Juris

Name	**Description**
1	County
3	Department of Revenue
5	Exempt
6	Municipality Ownership
7	County Ownership
8	State Ownership
9	Federal Ownership
U	Utility Ownership

parcels_ReturnCode

Name	**Description**
1	Property assessed at 6%
2	Property assessed at 4%
6	Application received no buildings
8	Application to be mailed
9	Property assessed at 6%