



### LEGEND

**SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD**

- ZONE A** Areas with flood elevations determined; no base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined; for areas of alluvial fan flooding, velocities also determined.
- ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

**FLOODWAY AREAS IN ZONE AE**

**OTHER FLOOD AREAS**

- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

**OTHER AREAS**

- Zone D** Areas determined to be outside 100-year floodplain.
- Zone D** Areas in which flood hazards are undetermined.
- UNDEVELOPED COASTAL BARRIERS**

**Other Symbols:**

- Identified 1983
- Identified 1990 or Later
- Unincorporated Areas Identified 1997 or Later

**Boundaries:**

- Floodplain Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones

**Other Symbols:**

- Base Flood Elevation Line: Elevation in Feet
- Cross Section Line
- Base Flood Elevation in Feet Where Uniform Within Zone
- Elevation Reference Mark
- River Mile

**NOTES**

This map is for use in administering the National Flood Insurance Program; it does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size, or all planimetric features outside Special Flood Hazard Areas. The community map preparator should be consulted for possible updated flood hazard information prior to use of this map for property purchase or construction purposes.

Coastal base flood elevations apply only landward of 0.9 NCD, and include the effects of wave action; these elevations may also differ significantly from those published by the National Weather Service for hurricane evacuation planning.

Areas of special flood hazard (100-year flood) include Zones A, AE, AH, AO, A99, V, and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were compared at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be four times to ten times scale. Floodway widths are provided in the Flood Insurance Study Report.

Elevation reference marks are described in the Flood Insurance Study Report.

Corporate limits shown are current as of the date of this map. The user should contact appropriate community officials to determine if corporate limits have changed subsequent to the issuance of this map.

For community map revision history prior to countywide mapping, see section 6.0 of the Flood Insurance Study Report.

For adjoining map panels see separately printed Map Index.

#### ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION IN FT. (NGVD) <sup>1</sup>	DESCRIPTION OF LOCATION
RM 94-1	169.47	Chiseled square cut in top of light post foundation on north side of Meeting Street at west end of Meeting Street-Gervais Street bridge crossing Congaree River
RM 94-2	220.21	Standard U.S.C. & G.S. disk stamped T3 1934, set in top of concrete post flush with ground, approximately 6 feet southeast of intersection of Southern Railway and Hampton Street
RM 94-3	167.22	Standard U.S.C. & G.S. disk stamped X 53 1960, set in top of first stone pier west of east end of Southern Railway bridge over Congaree River
RM 94-4	148.71	Piece of steel reinforcing and protruding slightly from northwest end of concrete headwall on west side of Olympia Avenue at Rocky Branch. Square is etched in concrete around road.
RM 94-5	171.08	Standard U.S.C. & G.S. disk stamped P4 1960, set in top of headwall on west side of Assembly Street at Rocky Branch.
RM 94-6	192.82	Chiseled square cut in top of concrete headwall on southern side of Catawba Street at Rocky Branch.
RM 94-7	189.70	Standard U.S.C. & G.S. disk stamped W52 1960, on top of copper coated steel rod, surrounded by 6-inch diameter tile which projects 5 inches above ground, approximately 70 feet west of intersection of Gadsden Street and Southern Railway.
RM 94-8	205.95	Chiseled square cut in top of box culvert, 87 feet northeast of intersection of Pickens Street and Park Circle, on eastern side of Pickens Street at Rocky Branch.

<sup>1</sup>National Geodetic Vertical Datum of 1929.

#### NOTES TO USERS

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations and therefore may not exactly reflect the flood elevation data presented in the FIS report. For construction and/or floodplain management purposes, users are encouraged to use the flood elevation data presented in the FIS report in conjunction with the data shown on this FIRM.

Elevation Reference Mark (ERM) elevations listed on this map were obtained and/or developed to establish vertical control for determination of flood elevations and floodplain boundaries portrayed on the map. Users should be aware that these ERM elevations may have changed since the publication of this map. To obtain up-to-date elevation information on National Geodetic Survey (NGS) ERMs shown on this map, please contact the Information Services Branch of the NGS at (202) 773-3242, or visit their website at WWW.NGS.NOAA.GOV. Map users should seek verification of non-NGS ERM monument elevations when using these elevations for construction or floodplain management purposes.

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM FLOOD INSURANCE RATE MAP**

**RICHLAND COUNTY, SOUTH CAROLINA AND INCORPORATED AREAS**

**PANEL 94 OF 275**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COUNTY	NUMBER	PANEL	SUFFIX
COLUMBIA CITY OF	450170	0094	H
UNINCORPORATED AREAS	450170	0094	H

**PROOF**  
**AUGUST 20, 2001**

Notice to User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.

**MAP NUMBER**  
**45079C0094 H**

**MAP REVISED:**

Federal Emergency Management Agency