



**NOTES TO USERS**

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or Floodway Boundaries 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 this 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 floodway boundaries portrayed on this 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 (301) 713-3242, 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.

**ELEVATION REFERENCE MARKS**

REFERENCE MARK	ELEVATION IN FT. (NGVD) <sup>1</sup>	DESCRIPTION OF LOCATION
RM 92-1	207.01	Chiseled square cut in top of sidewalk along west side of Summerlea Drive, approximately 30 feet west of intersection of Avondale Drive and Summerlea Drive.
RM 92-2	233.88	Chiseled square on top of curb at southwest corner of intersection of Cotes Drive and Sunset Drive.
RM 92-3	217.08	Chiseled square at southernmost upstream side of two-barreled box culvert under State Route 277 at Smith Branch.
RM 92-4	217.89	Chiseled square on downstream headwall for two-barreled box culvert beneath Harden Street Extension at Smith Branch.
RM 92-5	225.89	Chiseled square on left end of downstream headwall for two-barreled box culvert under Colonial Drive at Smith Branch.
RM 92-6	233.05	Chiseled square on top of downstream end of 72-inch RCP beneath Harden Street at tributary to Smith Branch.
RM 92-7	237.15	Chiseled X in southwest corner of Grand Street bridge over Bay Branch.
RM 92-8	246.03	Chiseled X in southwest corner of Colonial Drive bridge over Bay Branch.
RM 92-9	246.77	Chiseled square at left downstream side of three-barreled box culvert beneath Farrow Road at Bay Branch.
RM 92-10	249.52	Chiseled square at left end of downstream headwall for two-barreled box culvert beneath State Route 277 at Bay Branch.
RM 92-11	251.13	Railroad spike in power pole No. 323740 at Lester Road crossing of Bay Branch.

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

**LEGEND**

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

- ZONE A** 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 sheet flow flooding, vehicles 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** Area of 500-year flood; area of 100-year flood with average depth of less than 1 foot or with drainage areas less than 1 square mile; areas protected by levees from 100-year flood.

**OTHER AREAS**

- ZONE X** Area determined to be outside 500-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined.

**UNDEVELOPED COASTAL BARRIERS**

- Identified 1981
- Identified 1990 or Later
- Proposed Areas 1991 or Later

<sup>1</sup>Coastal barrier areas are normally located within or adjacent to special flood hazard areas.

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  
Base Flood Elevation Line: Elevation in feet  
Cross Section Line  
Base Flood Elevation in Feet Where Uniform Within Zone<sup>2</sup>  
Elevation Reference Mark  
ERM X  
ERM 1.5  
<sup>2</sup>Referenced to the National Geodetic Vertical Datum of 1929

**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 planning features outside Special Flood Hazard Areas. The community map repository 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 to landward of 80 NGVD, and include the effects of wave action. These elevations may differ significantly from those developed 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 computed 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 too narrow to show to 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.

**MAP REPOSITORY**

Refer to Repository Listing on Map Index

**EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**

JANUARY 19, 1994

**EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6620.

APPROXIMATE SCALE  
0 50 100 FEET

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM FLOOD INSURANCE RATE MAP**

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

**PANEL 92 OF 275**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY	NUMBER	PANEL	SUFFIX
COLUMBIA, CITY OF	450172	0092	H
UNINCORPORATED AREAS	450170	0092	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**  
**45079C0092 H**

**MAP REVISED:**

Federal Emergency Management Agency

FOLD

A B C D E F G H J

1 2 3 4 5 6

JOINS PANEL 0094

JOINS PANEL 0113

JOINS PANEL 0116

JOINS PANEL 0094

FOLD

DEWBERRY & DAVIS  
E FRAME