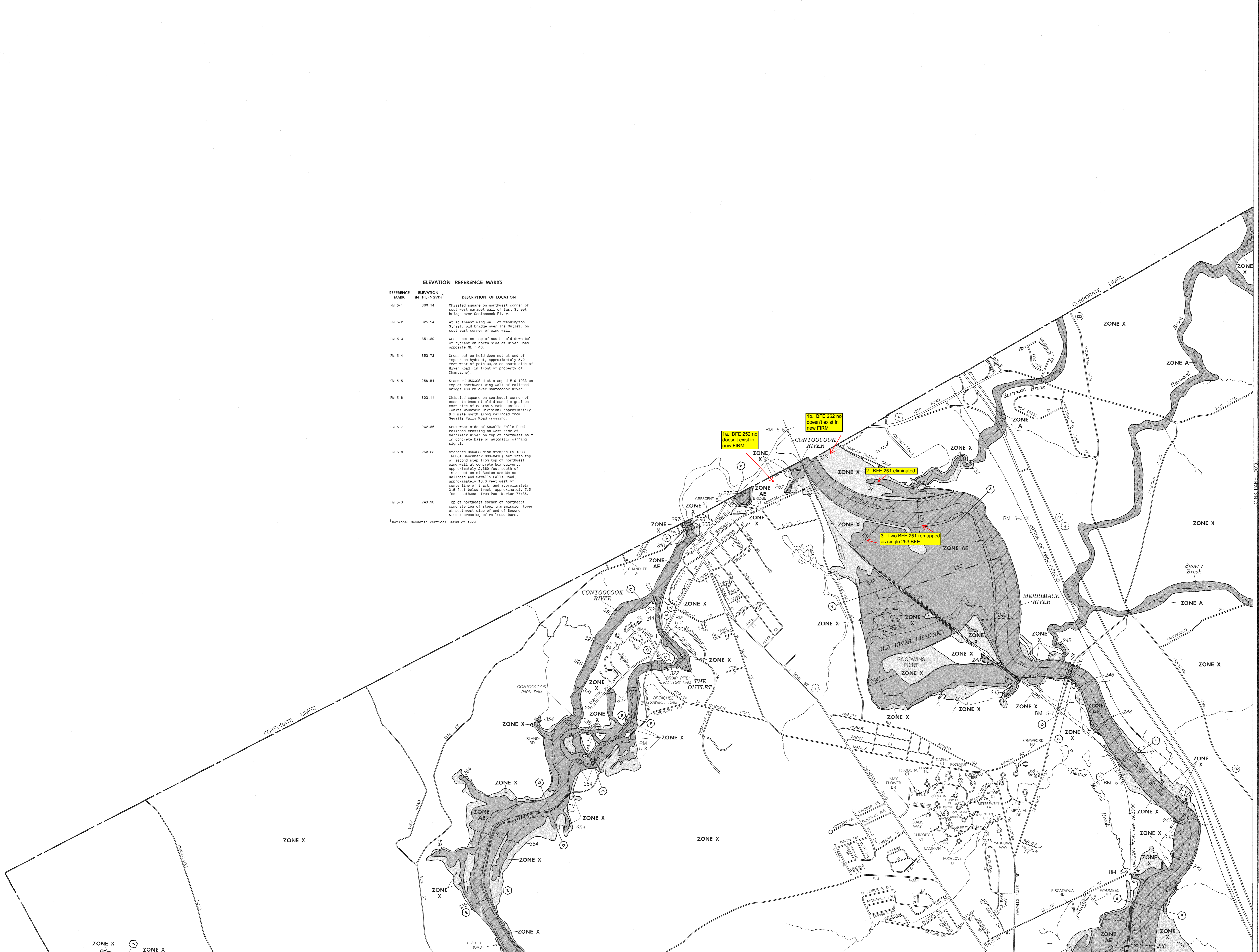


ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION IN FT. (NGVD)	DESCRIPTION OF LOCATION
RM 5-1	300.14	Chiseled square on northeast corner of southwest parapet wall of East Street bridge over Contoocook River.
RM 5-2	325.94	At southeast wing wall of Washington Street, old bridge over The Outlet, on southeast corner of wing wall.
RM 5-3	351.89	Cross cut on top of south hold down bolt of hydrant on north side of River Road opposite NE77-45.
RM 5-4	352.72	Cross cut on hold down nut at end of "open" on hydrant, approximately 6.0 feet west of pole 30/70 on south side of River Road (in front of property of Chapagny).
RM 5-5	258.54	Standard USC605 disk stamped E-9 1903 on top of northwest wing wall of railroad bridge #80.23 over Contoocook River.
RM 5-6	302.11	Chiseled square on southwest corner of concrete base of old disused signal on east side of Boston & Maine Railroad (White Mountain Division) approximately 0.7 mile north along railroad from Sewalls Falls Road crossing.
RM 5-7	262.86	Southwest side of Sewalls Falls Road railroad crossing on west side of Merrimack River on top of northwest bolt in concrete base of automatic warning signal.
RM 5-8	253.33	Standard USC605 disk stamped F9 1933 (NAD01 Benchmark 099-0410) set into top of second step from top of northwest wing wall at concrete box culvert, approximately 2,360 feet south of intersection of Boston and Maine Railroad and Sewalls Falls Road, approximately 19.0 feet west of centerline of track, and approximately 2.5 feet below track, approximately 7.5 feet southwest from Post Marker 77/86.
RM 5-9	249.93	Top of northeast corner of second concrete leg of steel transmission tower at southwest side of end of Second Street crossing of railroad here.

¹National 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 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 X** Areas determined to be outside 500-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.

UNDEVELOPED COASTAL BARRIERS¹

- Identified 1993
- Identified 1990 or later
- Otherwise Protect Areas Within Zone

*** 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
- Transect Line
- (EL. 987)
- RM7 x
- M1.5
- 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 potential 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 landward of 0' National Geodetic Vertical Datum of 1929 (NGVD); areas include the effects of wave action; these elevations may also 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.

For adjoining map panels see separately printed Map Index.

NOTE: The coordinate system used for the production of this Flood Insurance Rate Map (FIRM) is Universal Transverse Mercator (UTM), North American Datum of 1927 (NAD27), Clarke 1858 spheroid. Differences in the datum and spheroid used in the production of FIRMs for adjacent communities may result in slight positional differences in map features at the community boundaries. These differences do not affect the accuracy of the information shown on the FIRM.

ATTENTION: Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, contact the National Geodetic Survey at the following address:

Vertical Network Branch, N/C03
National Geodetic Survey, NGA
Silver Spring, Metro Center 2
1305 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3939

BASE MAP SOURCE: Planimetric base map files were provided in digital format by the City of Concord Engineering Department. These files were compiled at a scale of 1:12,000. Additional information was photogrammetrically compiled at a scale of 1:24,000 from aerial photography from 1988. Historical information may have been derived from other sources. Users of this FIRM should be aware that minor adjustments may have been made to specific base map features. The base map contains some new roads that have not been considered in the hydraulic modeling of unretained streams.

MAP REPOSITORY:
City of Concord Code Enforcement and Planning Office, 41 Green Street, Concord, New Hampshire 03301 (Maps available for reference only, not for distribution.)

INITIAL IDENTIFICATION:
AUGUST 2, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS:
NONE

FLOOD INSURANCE RATE MAP EFFECTIVE:
MARCH 4, 1980

FLOOD INSURANCE RATE MAP REVISIONS:
August 23, 1999 - to change base flood elevations and special flood hazard areas, to add special flood hazard areas, and to update map format.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6622.

APPROXIMATE SCALE
1000 0 1000 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
CONCORD,
NEW HAMPSHIRE
MERRIMACK COUNTY

PANEL 5 OF 30
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY - PANEL NUMBER
33010 0005 B

MAP REVISED:
AUGUST 23, 1999

Federal Emergency Management Agency