ELEVATION REFERENCE MARKS

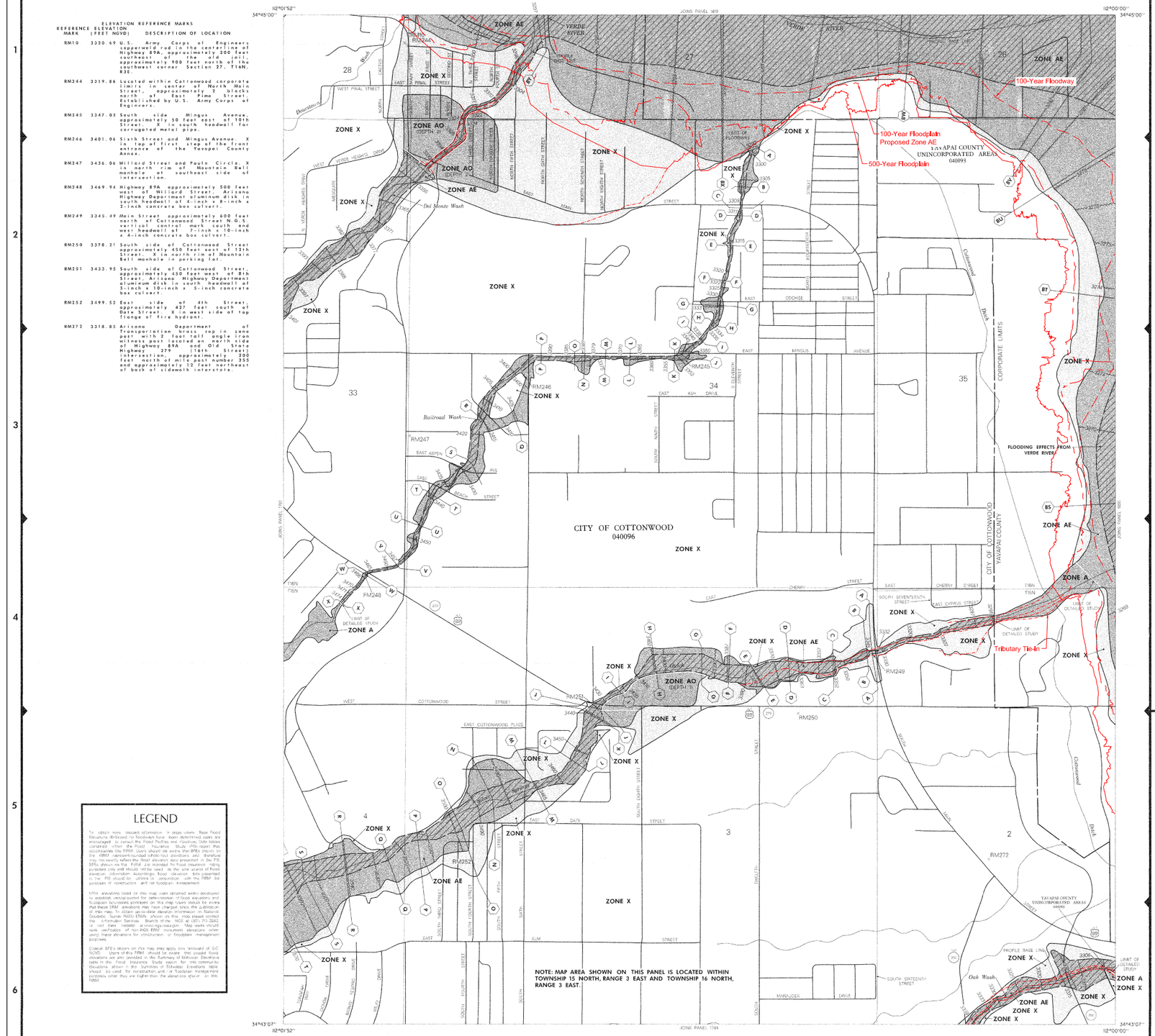
REFERENCE MARK	ELEVATION (FEET NGVD)	DESCRIPTION OF LOCATION
RM10	3320.69	U.S. Army Corps of Engineers copperweld rod in the centerline of Highway 89A, approximately 200 feet southeast of the old jail; approximately 900 feet north of the southwest corner Section 27, T16N, R3E.
RM244	3319.86	Located within Cottonwood corporate limits in center of North Main Street, approximately 2 blocks north of East Pima Street. Established by U.S. Army Corps of Engineers.
RM245	3347.03	South side Mingus Avenue, approximately 50 feet east of 10th Street. X in south headwall for corrugated metal pipe.
RM246	3401.06	Sixth Street and Mingus Avenue. X in top of first step of the front entrance of the Yavapai County Annex.
RM247	3436.06	Willard Street and Paula Circle. X in north rim of Mountain Bell manhole at southeast side of intersection.
RM248	3469.94	Highway 89A approximately 500 feet west of Willard Street, Arizona Highway Department aluminum disk in south headwall of 4-inch x 8-inch x 2-inch concrete box culvert.
RM249	3345.49	Main Street approximately 600 feet north of Cottonwood Street N.G.S. vertical control mark south and west headwall of 4-inch x 10-inch x 4-inch concrete box culvert.
RM250	3378.21	South side of Cottonwood Street approximately 450 feet east of 12th Street. X in north rim of Mountain Bell manhole in parking lot.
RM251	3433.95	South side of Cottonwood Street, approximately 450 feet west of 8th Street, Arizona Highway Department aluminum disk in south headwall of 5-inch x 10-inch x 5-inch concrete box culvert.
RM252	3499.52	East side of 4th Street approximately 427 feet south of Date Street. X in west side of top flange of fire hydrant.
RM272	3318.85	Arizona Department of Transportation brass cap in lava post with 2 foot roll angle iron witness post located on north side of Highway 89A and Old State Highway 279 (16th Street) intersection, approximately 200 feet north of mile post number 355 and approximately 12 feet northeast of back of sidewalk interstate.

LEGEND

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 elevations data presented in the FIS. BFEs shown on the FIRM are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

FIRM elevations listed on this map were obtained and/or developed to establish vertical control for determination of flood elevations and floodplain boundaries portrayed on this map. Users should be aware that these FIRM elevations may have changed since the publication of this map. To obtain up-to-date elevation information on National Geodetic Vertical Datum (NGVD) 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 FIRM monument elevations when using these elevations for construction or floodplain management purposes.

Coastal BFEs shown on this map may apply only landward of 0.0 NGVD. Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this community. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.



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.

UNDEVELOPED COASTAL BARRIERS

Identified 1983 | Identified 1990 | Otherwise Protected Area

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
513 — Base Flood Elevation Line; Elevation in Feet. See Map Index for Elevation Datum.
D — Cross Section Line
(EL 987) — Base Flood Elevation in Feet. Where Uniform Within Zone. See Map Index for Elevation Datum.
RM7 — Elevation Reference Mark
M2 — River Mile
97°07'30", 32°22'30" — Horizontal Coordinates Based on North American Datum of 1927 (NAD 27) Projection.

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 repository should be consulted for possible detailed data on BFEs, and for any information on floodway delineations, prior to use of this map for property purchase or construction purposes.

Areas of Special Flood Hazard (100-year flood) include Zones A, AE, AH, AO, AH, AO, A99, V, VE, and V1-V30.

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. Refer to Floodway Data Table where floodway width is shown as 120 feet.

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.

This map may incorporate approximate boundaries of Coastal Barrier Resource System Units and /or Otherwise Protected Areas established under the Coastal Barrier Improvement Act of 1990 (P. L. 101-591).

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

For additional map panels and base map sources see separately printed Map Index.

MAP REPOSITORY
Refer to Repository Listing on Map Index

EFFECTIVE DATE OF
COUNTYWIDE FLOOD INSURANCE RATE MAP:
JUNE 6, 2001

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

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE DATE shown on title map to determine when updated rates apply to structures in zones where elevations or depths have been established.

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

100-Year Floodway
100-Year Floodplain
500-Year Floodplain
Tributary Tie-In

APPROXIMATE SCALE IN FEET
500 0 500

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

YAVAPAI COUNTY, ARIZONA AND INCORPORATED AREAS

PANEL 1782 OF 3925
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS COMMUNITY	NUMBER	PANEL	SUFFIX
COTTONWOOD, CITY OF	040096	1782	F
YAVAPAI COUNTY UNINCORPORATED AREAS	040093	1782	F

MAP NUMBER
04025C1782 F

EFFECTIVE DATE:
JUNE 6, 2001

Federal Emergency Management Agency