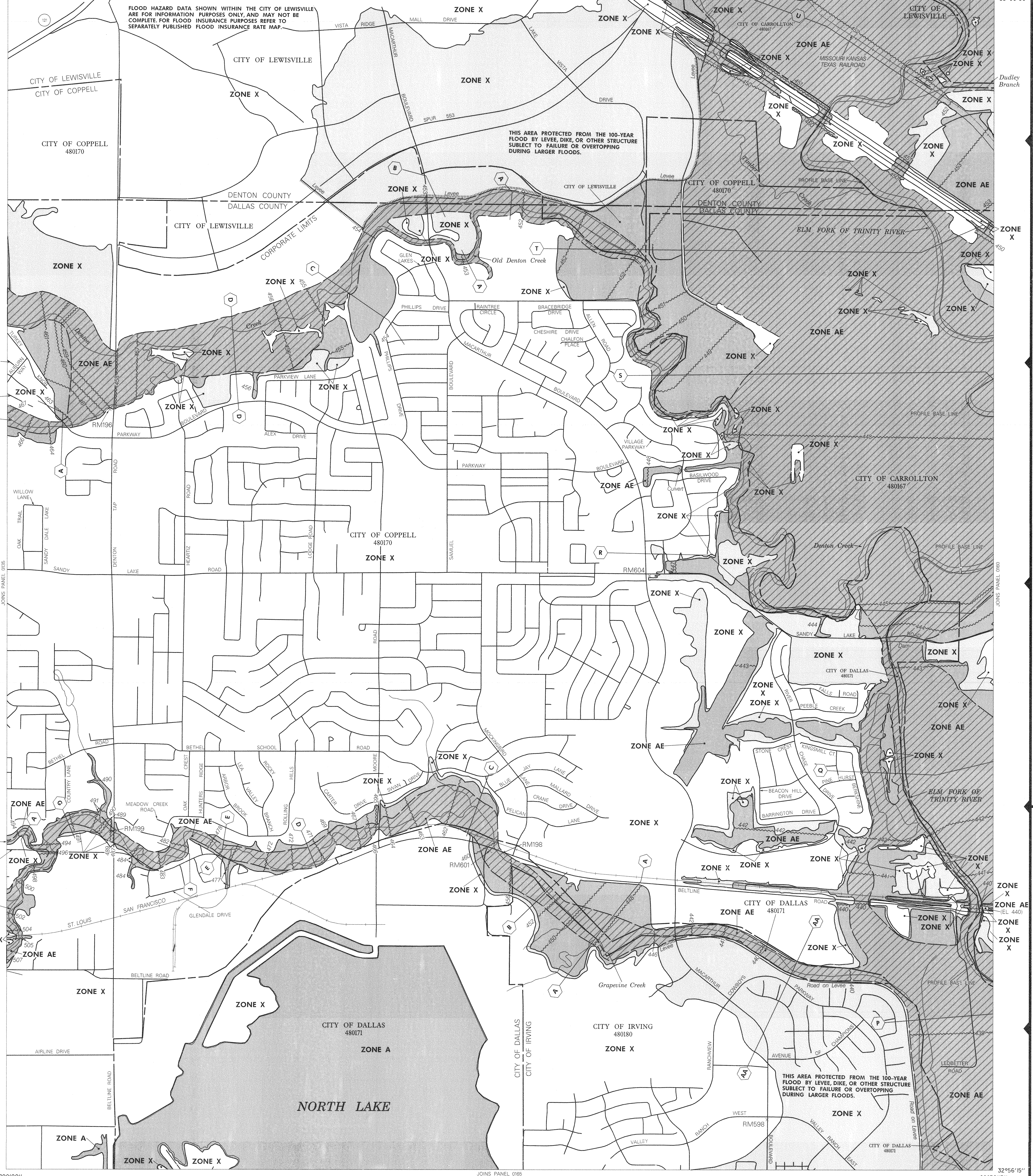


REFERENCE MARK	ELEVATION (FEET NGVD)	DESCRIPTION OF LOCATION
RM196	467.22	Chiseled square on top of wheel guard at southwest corner of bridge on Denton Tap Road over Cottonwood Branch.
RM198	460.91	Chiseled square on top of wheel guard at southwest corner of bridge on Belt Line Road over Grapevine Creek.
RM199	487.17	Chiseled square on top of wheel guard at southwest corner of bridge on Denton Tap Road over Grapevine Creek.
RM598	434.80	Square-cut on top of curb in the end of median strip of MacArthur Boulevard 39 feet south of the northern centerline intersection of MacArthur Boulevard and Valley Ranch Parkway across from Sunbelt Savings.
RM601	457.82	Railroad spike set in the northwest side of utility pole #2162-488-7695, 75 feet southeast of the centerline intersection of Belt Line Road and North Lake Road.
RM604	445.91	Monument disk set in a concrete post, on the north side of Sandy Lake Road, and about 2 mile west of intersection of Sandy Lake Road and Interstate Highway 35.



### LEGEND

**SPECIAL FLOOD HAZARD AREAS INUNDATE 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 100-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 Areas

Coastal barrier areas are normally located within or adjacent to Special Flood Hazard Areas.

**Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones**

- Boundary Dividing Special Flood Hazard Zones
- Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones

**Base Flood Elevation Line**  
Elevation in Feet. See Map Index for Elevation Datum.  
Cross Section Line  
Base Flood Elevation in Feet Where Indicated Within Zone. See Map Index for Elevation Datum.  
Elevation Reference Mark

**RM7**  
River Mile

Horizontal Coordinates Based on North American Datum of 1927 (NAD 27) Projection.

97°07'30", 32°22'30"

### 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 parametric features outside Special Flood Hazard Areas. The community map repository should be consulted for more detailed data on "BFE's" 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, A99, V, VE and X.

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 widths are shown at 120 inch.

Coastal base flood elevations apply only to landward of 0.0 NGVD and include the effects of wave action; these elevations may also differ significantly from those developed by the National Weather Service for hurricane evacuation planning.

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 Resources System Units and of Otherwise Protected Areas established under the Coastal Barrier Improvement Act of 1990 (PL 101-591).

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

For adjoining map panels and base map source see separately printed Map Index.

**MAP REPOSITORY**  
Refer to Repository Listing on Map Index

**EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP:**  
AUGUST 23, 2001

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

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE DATE shown on this map to determine when actuarial 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.

**APPROXIMATE SCALE IN FEET**

### LEGEND

To obtain more detailed information in areas where Base Flood Elevations (BFE's) 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 BFE's shown on the FIRM represent rounded whole-foot elevations and therefore may not exactly reflect the flood elevation data presented in the FIS. BFE's 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.

ERM elevations listed on this map were obtained under developed to establish vertical control for determination of flood elevations and floodplain 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) ERM's shown on this map, please contact the Information Services Branch of the NGS at (301) 73-3042, or visit their website at [www.ngs.noaa.gov](http://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.

Coastal BFE's shown on this map may apply only to 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.

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**

**FLOOD INSURANCE RATE MAP**

**DALLAS COUNTY, TEXAS AND INCORPORATED AREAS**

**PANEL 155 OF 725**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:	COMMUNITY	NUMBER	PANEL	SUFFIX
CARROLLTON, CITY OF	480167	0155	J	
COPPELL, CITY OF	480170	0155	J	
DALLAS, CITY OF	480171	0155	J	
IRVING, CITY OF	480180	0155	J	

**MAP NUMBER**  
48113C0155 J

**EFFECTIVE DATE:**  
AUGUST 23, 2001

Federal Emergency Management Agency