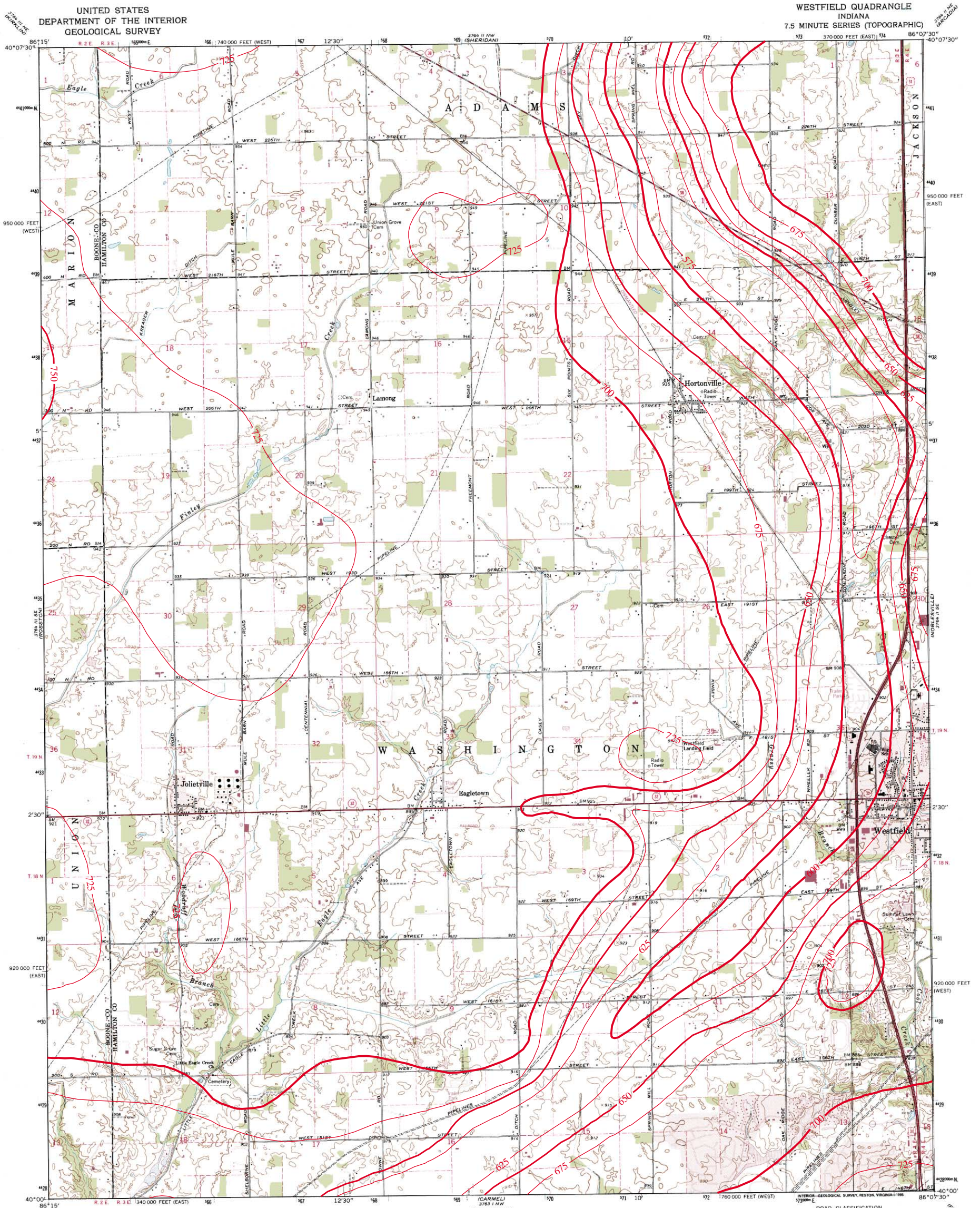


BEDROCK TOPOGRAPHY OF WESTFIELD QUADRANGLE, INDIANA



Produced by the United States Geological Survey
 Revised in cooperation with Indiana Department of Natural Resources
 Compiled by photogrammetric methods from imagery dated 1953
 Topography by planimetric surveys 1953. Revised from imagery dated 1969. Field checked 1969
 North American Datum of 1927 (NAD 27)
 Projection: Indiana coordinate system, east zone (transverse Mercator)
 10 000-foot ticks: Indiana coordinate system, east and west zones
 Blue 1000-meter Universal Transverse Mercator ticks, zone 16
 North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

SCALE 1:24 000
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION
 Primary highway, hard surface
 Secondary highway, hard surface
 Light duty road, hard or improved surface
 Unimproved road
 Interstate Route
 U. S. Route
 State Route

WESTFIELD, IN
 40086-A2-TF-024
 1992
 DMA 3764 II SW-SERIES V851

Bedrock surface map derived from water well records housed in IDNR/DOW, Ground Water Section, oil and gas well records housed in IDNR/DOG, and seismic data from the Indiana Geological Survey (IGS).
 Bedrock contouring in Hamilton County by Tim Kroecker, Basin Studies Section, Division of Water, IDNR, 1997.
 Originally mapped at a scale of 1:48,000 on composite USGS topographic maps.
 Bedrock surface contour interval = 25 feet.



Map generated by Glenn E. Grove
 IDNR, Division of Water, Ground Water Section
 September 12, 2002