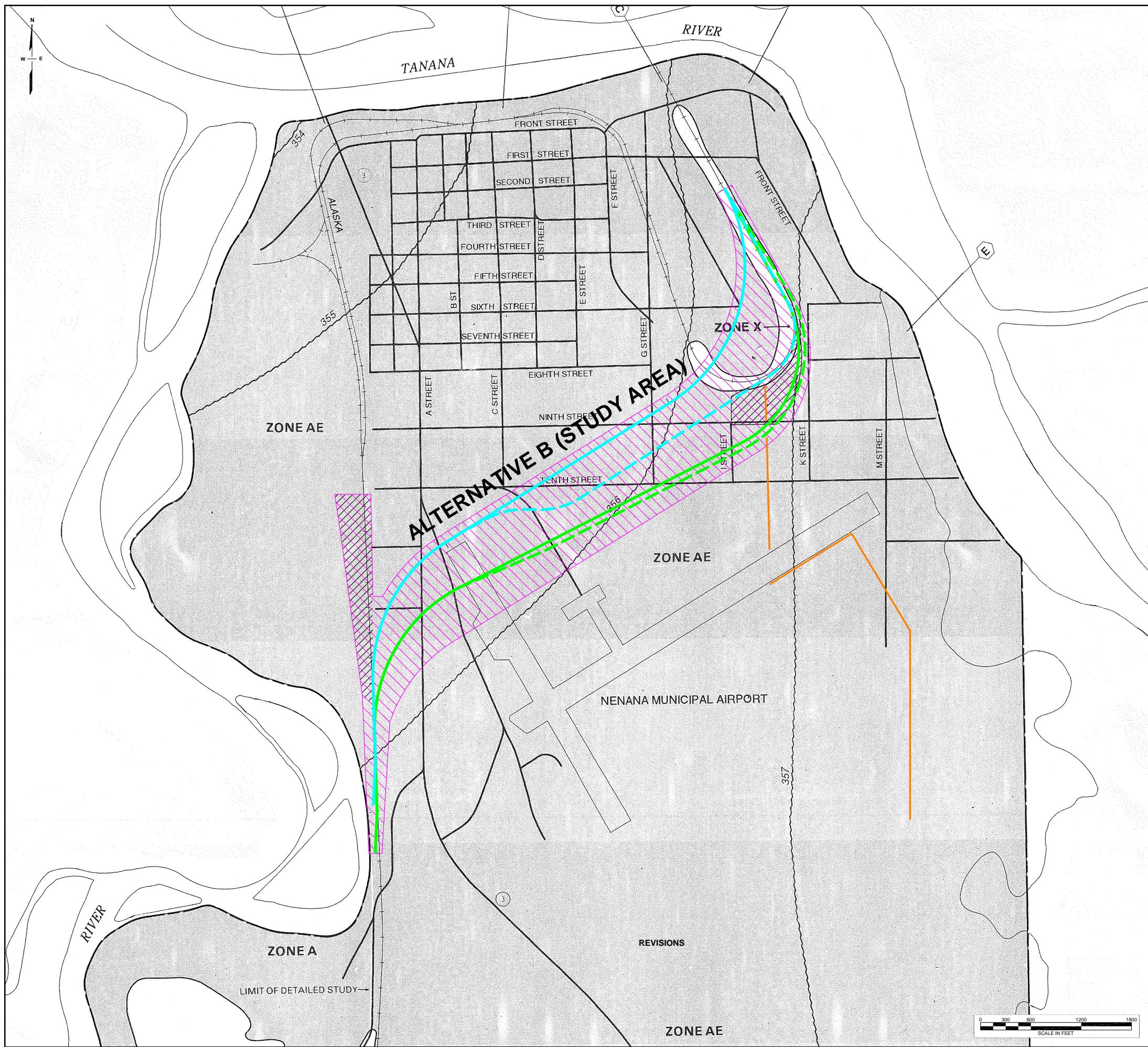


G:\PROJECTS\26219537 NENANA RR\2004.DWG\SF\FIG 5 - FLOODMAP.DWG; Revised Fri, 27 Aug 2004 - 11:55am; Printed Fri, 27 Aug 2004 - 11:59am



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 Areas

†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 (EL 987)
- Base Flood Elevation in Feet Where Uniform Within Zone*
- Elevation Reference Mark
- River Mile

*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 planimetric features outside Special Flood Hazard Areas. The community map repository should be consulted for more 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, A1-A30, 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 at 1/200 inch.

Coastal base flood elevations apply only 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.

MAP REPOSITORY
City Hall
3rd Market Street
Nenana, Alaska 99760
(Maps available for reference only, not for distribution.)

INITIAL IDENTIFICATION:
JUNE 9, 1972

FLOOD HAZARD BOUNDARY MAP REVISION:
NONE

FLOOD INSURANCE RATE MAP EFFECTIVE:
JUNE 9, 1972

FLOOD INSURANCE RATE MAP REVISIONS:
JULY 1, 1974
JANUARY 3, 1976
APRIL 9, 1976

Map revised April 7, 1999 to decrease base flood elevations, to update map format, and to add roads and road names.

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.

- EXISTING RAIL ALIGNMENT
- PROPOSED ACTION (ALTERNATIVE B-2 HIGH PROFILE, OPTIONAL SPUR SHOWN AS DASHED LINE)
- ALTERNATIVE B HIGH PROFILE (OPTIONAL SPUR SHOWN AS DASHED LINE)
- ALTERNATIVE B ROUTE CONSIDERATION AREA LIMITS (STUDY AREA)
- STAGING/STOCKPILE AREA
- PROPOSED DIKE ALIGNMENT

SOURCE: FEMA FLOOD INSURANCE MAP 0250100005C (4/17/1999)

**ALASKA RAILROAD
NENANA RAIL REALIGNMENT PROJECT**

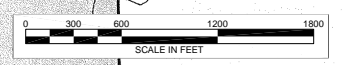
**FEMA FLOOD INSURANCE
RATE MAP**

NENANA, ALASKA

JOB NO: 26219537 **DRAWN:** ELK
DATE: 5/18/04 **FILE:** FIG 5 - FLOODMAP.DWG



FIGURE 5



REVISIONS