



Flood Protection Project

The Flood Protection Project (FPP) for Grand Forks is comprised of two flood control systems working together. A levee/floodwall system holds back high water from the river and the English Coulee diversion channel diverts overland flows around the west side of the city. Although most water is diverted around the city during times of flood, internal city drainage of the English Coulee must be collected. This water is pumped over the levee by the largest pumps constructed in the project, which have the capacity to pump 112,000 gallons per minute. This is the largest storm water pumping station in North Dakota. A series of smaller pumping stations handle runoff or snowmelt within the remainder of the city by pumping the rain and snowmelt water over the levee/floodwalls.

Did you know ...

- **Cost Estimate:** \$409 million total (Grand Forks, ND and East Grand Forks, MN)
Cost for recreational features: \$22 million
 - Federal cost share: \$203 million
 - Local (GF) cost share: \$135 million*
 - *State of North Dakota is funding 45% of Grand Forks cost share up to \$52 million
 - Local (EGF) cost share: \$ 65 million (majority funding from the State of Minnesota)
- **Total distance of floodwalls/levees** in Grand Forks (excluding tieback levees):
Approximately 8 miles
- **The top of the levees** are about 10-feet wide and sit at a river gauge of approximately 60 feet. The Grand Forks floodwalls are built with an additional three feet of height. Because of this additional height and the 10-foot width of the levees, the city could successfully fight a 500-year flood by adding clay to the top of the levees.
- **Total distance of Greenway trails:** Approximately 20 miles
- **Total new flood pump stations** in Grand Forks: 12
- **Largest pipe diameter** used on project: 120 inches
(Located on North 3rd Street near Riverside Manor)
- **Number of closure structures** in the floodwall: 7
- **Number of up-and over-crossings** in the levee: 1 for vehicles; 2 for pedestrians
- **Peak river flow of 1997 flood:** 135,000± cubic feet per second
- **Length of English Coulee Diversion Channel:** Approximately 9 ½ miles
- **Number of golf courses** in the GF Greenway: 1
(Lincoln Golf Course on Elks Drive).