



Diversion Weir: Low wall diverts Loup River water into the inlet structure.



Inlet Structure: Regulates diverted flow into the canal system.



Sluice Gates: Used to bypass water past inlet structure and canal down Loup River bypass reach.



Settling Basin: Two miles long; Allows sand and silt to settle for removal by a dredge.



Upper Power Canal: 11.5 miles long; carries water from settling basin to Monroe Powerhouse.



Monroe Powerhouse: Run-of-the-river plant with 3 hydraulic turbine units; generates 20% of total power generated from hydroelectric system.



Lake Babcock: One of two regulating reservoirs that store water for later use in hydro generation.



Columbus Powerhouse: 3 (20 ft. diameter by 300 ft. height) pipes direct water from the intake canal; water drops 112 ft which drives generation.



Tailrace Canal: 5.5 miles long; carries water to the outlet weir.



Outlet Weir: Tailrace canal water overflows into the Platte River.