Key Features

> New 500,000 gallon pre-stressed concrete ground storage reservoir

> New transfer pumps

> Retrofit high service pump room

Key Experiences

> Coordinated FAA permitting due to adjacent airport

> Coordinated with FAA to comply with obstruction requirements of adjacent airport

> Provided additional system storage through economical ground storage and pumps verses additional elevated storage

Ground Storage Reservoir

CITY OF ORANGE CITY, IA

DGR Engineering worked with the City of Orange City, IA on the planning, design and construction of a 500,000 gallon pre-stressed concrete ground storage reservoir as well as site work and site piping. High service pumps from flooded clear well section were converted to canned suction from new ground storage reservoir. Transfer pumps were installed to transfer water from water treatment plant to the new ground storage reservoir.