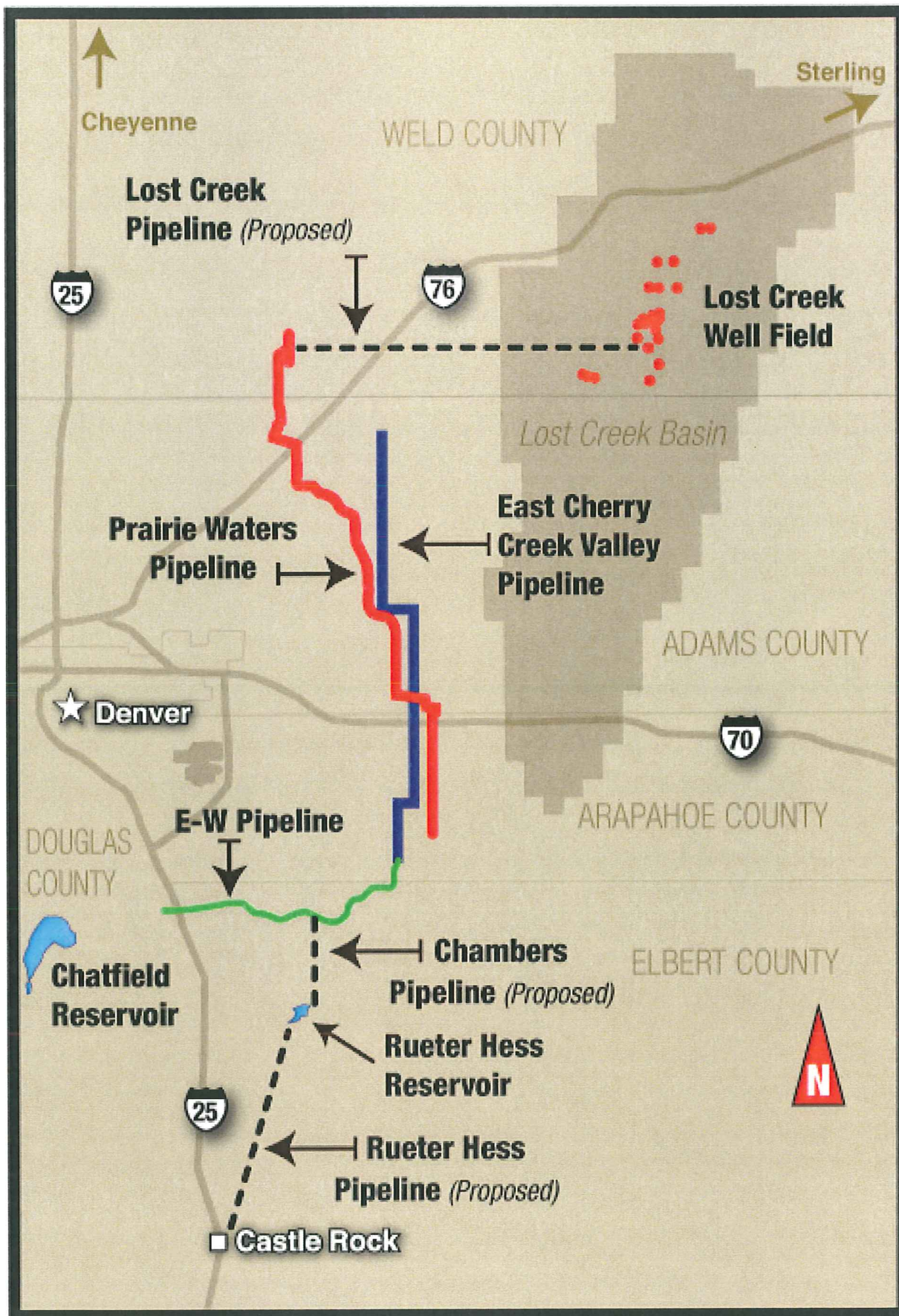


Figure 1—Regional Infrastructure



Summary of Project Attributes and Benefits

The Lost Creek Water has numerous positive attributes that make it an unique and reliable municipal water supply. The following table summarizes these attributes and discusses their benefits in further detail.

Summary of Project Attributes and Benefits		
Attribute	Comment	Benefit and/or Reduced Risk to Stonegate
Renewable Water Supply	The water level in the LCB alluvial aquifer shows upward trends over the past 50 years. Recent studies indicate the volume of water in the aquifer may be up to 2.0 million AF.	Reliable and consistent supply means less risk.
Firm Yield Supply	100 percent of the Lost Creek Water is available each year (versus 60 percent average-year yield water available from South Platte and its tributaries).	Reduces risk in average and dry yield years and reduces project costs because storage is not required to firm up supply.
Year-Round Pumping	Stonegate can pump water when it wants or when it needs water.	Provides flexibility to deliver water to Rueter-Hess Reservoir and reduces projects costs because storage is not required to allow for year-round pumping.
Banking Storage	The Lost Creek Water rights include decreed rights to store Lost Creek Water in the LCB aquifer for up to 3.2 years.	Storage allows flexibility to deliver water to Rueter-Hess Reservoir and reduces project costs because storage is not required to firm up supply, allow for year-round pumping or for flexibility in delivery.
No Augmentation Plan Required	The Lost Creek Water does not require an augmentation plan.	Not having to develop an augmentation plan to deliver water reduces Stonegate's project costs and its risks for delivery, management and operations of water supply.
No Exchanges Required	The Lost Creek Water does not require exchanges on the South Platte River or its tributaries.	Not having to develop and rely on exchanges to deliver water reduces Stonegate's project costs and its risks for delivery, management and operations of water supply.
Ownership of Water	Stonegate will own the Lost Creek Water in fee title.	Reduces risks of future interruption of water supply and gives Stonegate control of water supply.
No Gaps in Delivery Infrastructure	The Lost Creek Water delivery system does not have any gaps or unaccounted for future costs.	Reduces risk of future interruption or delivery problems and reduces future costs.
3,886 AF is approved for municipal use and export.	The Lost Creek Water is ready for delivery.	Reduces risks of obtaining water supply, identifying water supply, and costs related to adjudication.
Delivery Flexibility	The Lost Creek Water provides Stonegate tremendous flexibility for the delivery of the water.	Stonegate can deliver the water when it wants, which reduces costs and enhances its use of the Rueter-Hess Reservoir.
Located Within a Well-Managed Designated Basin	The Lost Creek Groundwater Management District and the Groundwater Commission promulgate rules and regulations to protect water levels in Designated Basins.	Provides added layer of security in managing and maintaining water levels in the LCB, which ensure s the long-term reliability of the LCB.

Historic Water Levels in Lost Creek Basin

