Open Cut Construction
Open Cut will be considered for the “Base Case”

Factors to Consider:
♦ Amount of excavation and backfill (depth of pipe)
♦ Conflicts with other utilities
♦ Amount, extent, and type of surface restoration
♦ Length, diameter, and cost of pipe materials
♦ Geotechnical conditions
  ♦ Rock
  ♦ Groundwater
  ♦ Soft soils
  ♦ Hazardous materials
♦ Potential risks to construction
♦ Temporary construction measures required:
  – Bypass pumping existing sewer flows
  – Impacts to surrounding properties
  – Traffic control
  – Construction site safety

Flat Branch Watershed Relief Sewers
Project #3: Elm Street, Providence Road to Hitt Street
Sixth Street, Elm Street to North of Cherry