D. Transportation and Infrastructure Impacts

**Potential Metrics and Methodologies of the DST – Transportation and Infrastructure**

**Variables**

- Concurrency with Development
  - Estimation of demand and supply
- Air Quality
  - Per capita vehicle trip generations and related emissions
- Impact on existing infrastructure
  - Projected land use and trip generation to current capacity (future no build)
- Connectivity
  - Modal interconnectivity
- Traffic
  - Per capita vehicle trip generation
D. Transportation and Infrastructure Impacts

**VARIABLES**

- **Density**
  - Population and employment density/land use and redevelopment
- **Accessibility**
  - Distance to transportation nodes
- **Environmental Impacts including social equity cost effectiveness**
  - Cost/Performance/Benefits
- **Sewer Capacity**
  - Per capita/project use of water
- **Methodology**
  - Clean Water Atlanta model to designate red flag areas with potential capacity limitations

**METRICS AND METHODOLOGIES BUILT ON**

- MARTA Alternatives Analysis and DEIS studies
- ARC regional travel demand model
- City of Atlanta Comprehensive Transportation Plan
- ARC Regional Development Plan
- IT3 analysis
D. Transportation and Infrastructure Impacts