### Heavy Rail Transit (HRT)

**Typical Characteristics**
- **Seated capacity (per train):** 500 passengers
- **Service range:** Up to 30 miles
- **Average speed:** 30 - 35 mph
- **Station spacing:** Less than 1 mile apart
- **Alignment:** Fully grade-separated fixed guideway
- **Example Systems:** Atlanta, GA; San Francisco, CA; Washington, DC

### Light Rail Transit (LRT)

**Typical Characteristics**
- **Seated capacity (per train):** 225 passengers
- **Service range:** Up to 15 miles
- **Average speed:** 25 - 35 mph
- **Station spacing:** 0.5 - 1 mile apart
- **Alignment:** Exclusive/semi-exclusive guideway
- **Example Systems:** Charlotte, NC; Dallas, TX; Minneapolis, MN

### Commuter Rail Transit (CRT)

**Typical Characteristics**
- **Seated capacity (per train):** 250 - 1,000 passengers
- **Service range:** Up to 50 miles
- **Average speed:** 35 - 45 mph
- **Station spacing:** 2 - 4 miles apart
- **Alignment:** At-grade, exclusive guideway/freight corridor
- **Example Systems:** Austin, TX; Chicago, IL; Seattle, WA

### Bus Rapid Transit (BRT)

**Typical Characteristics**
- **Seated capacity (per bus):** 40 - 60 passengers
- **Service range:** Up to 15 miles
- **Average speed:** 20 - 30 mph
- **Station spacing:** 0.25 - 0.5 mile apart
- **Alignment:** Semi-exclusive guideway
- **Example Systems:** Cleveland, OH; Eugene, OR; Los Angeles, CA

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**What is High Capacity Transit Service?**

- **Definition:** High Capacity Transit Service refers to mass transit systems that can transport a large number of passengers in a single trip, typically with capacities ranging from hundreds to thousands of passengers per trip. These systems are designed to carry large numbers of passengers over medium to long distances, providing efficient and reliable transportation.

- **Benefits:**
  - Increased capacity: High capacity transit systems can carry significantly more passengers than traditional transit systems, reducing congestion and travel times.
  - Environmental impact: By diverting a large number of passengers from cars and other vehicles, high capacity transit systems can reduce traffic congestion and the associated environmental impact.
  - Economic benefits: High capacity transit systems can stimulate economic development by connecting communities and providing access to job and educational opportunities.

- **Types of High Capacity Transit Service:**
  - **Heavy Rail Transit (HRT):** Combines the speed and capacity of rail systems with grade-separated fixed guideways, offering high-speed, high-capacity transit.
  - **Light Rail Transit (LRT):** Provides medium-capacity transit service with smaller rail vehicles operating on reserved tracks.
  - **Commuter Rail Transit (CRT):** Offers long-distance transit service, typically for commuter rail systems.
  - **Bus Rapid Transit (BRT):** Combines features of both bus and rail transit systems, providing faster and more frequent bus service along dedicated lanes.

- **Example Systems:**
  - **Atlanta, GA:** MARTA, a heavy rail transit system.
  - **San Francisco, CA:** Muni Light Rail Transit.
  - **Chicago, IL:** CTA Blue Line.
  - **Seattle, WA:** Sound Transit Commuter Rail.
  - **Washington, DC:** WMATA.
  - **Cleveland, OH:** RTA Rapid Bus.
  - **Eugene, OR:** Metro Xpress.
  - **Los Angeles, CA:** LA Metro Rail.
  - **Minneapolis, MN:** Metro Transit Light Rail.
  - **Dallas, TX:** DART Rail.
  - **Austin, TX:** Capital Metro Rail.

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**Clayton County High Capacity Transit Initiative**

- **Purpose:** The Clayton County High Capacity Transit Initiative is focused on developing a high-capacity transit system that will improve transportation options and connectivity in Clayton County.

- **Goals:**
  - Increase access to employment and educational opportunities.
  - Reduce travel times and congestion.
  - Enhance connectivity between communities.
  - Promote economic development.

- **Strategies:**
  - Assessing transportation needs and potential routes.
  - Engaging with community stakeholders to gather input and feedback.
  - Developing a comprehensive plan for high-capacity transit service.

- **Next Steps:**
  - Further planning and feasibility studies.
  - Public outreach and engagement.
  - Potential partnerships with local and state agencies.

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**Contact Information**

For more information or to get involved in the Clayton County High Capacity Transit Initiative, please contact:

- **MARTA:**
  - Email: highcapacity@martatransit.com
  - Phone: 404-248-3000

- **Clayton County:**
  - Email: highcapacity@claytoncountyga.gov
  - Phone: 770-721-3000

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**Additional Resources:**

- Marta Transit Website: [www.martatransit.com](http://www.martatransit.com)
- Clayton County Website: [www.claytoncountyga.gov](http://www.claytoncountyga.gov)
- Clayton County Transit Plan: [www.claytoncountyga.gov/transit-plan](http://www.claytoncountyga.gov/transit-plan)