• Site Generated Traffic
  • Reduced as a result of complementary uses
  • Different uses generate peak traffic at different times
  • Captured trips – users visit multiple uses within the site in one trip
  • Pass-by trips – existing traffic on road network will patronize site

• New Boulevard to provide direct access from Routes 10 and 44
  • Some diversion of traffic away from Route 44 at 10 intersection

• Climax Road Realigned
  • New Traffic Control at Bickford Drive (Boulevard) intersection
  • Reduced travel speeds and improved sight lines
  • New pedestrian and bike path connections to Hitchcock and Wellington Heights

• Intersection Operations
  • Intersection impacts are mitigated by proposed off-site roadway improvements
  • Most intersections will operate at acceptable LOS D or better in Build Condition
  • Route 44 at 10 significant delays and queues in Existing Condition
    • Development impacts lessened by traffic diversion, lane extensions, and signal revisions
• Off-Site Roadway Improvements
  • Route 44 at Climax Rd/Boulevard
  • Route 44 at Ensign Drive
  • Route 44 at Route 10
  • Route 10 at Fisher Drive/Boulevard
  • Climax Road

• All infrastructure Improvements to be completed up front

• Project will require OSTA (State Traffic Administration) Certificate Application and comprehensive CTDOT review to verify roadway improvements

• Have reviewed and addressed Town Peer Review comments
Route 44 at Climax Rd Improvements
Route 44 at Ensign Dr Improvements
Route 44 at Route 10 Improvements
Traffic Calming Measures

- Boulevard Roadway with Raised Planted Median
- Single Travel Lanes
- Reverse Horizontal Roadway Curvature
- Reduced Speed Limits
- Raised Intersections
- Intersection Traffic Control Throughout Site
  - All-way stop control at Climax Rd
  - Roundabout at Ensign Dr
  - Signals at Route 10 and Route 44
- Measures will maintain safe and efficient traffic flow through site
• **Off-Site Roadway Improvements**
  - Route 44 at Climax Rd/Boulevard
  - Route 44 at Ensign Drive
  - Route 44 at Route 10
  - Route 10 at Fisher Drive/Boulevard
  - Climax Road

• **On-Site Roadway Reconfiguration and Traffic Calming**
  - All infrastructure improvements to be completed up front
  - Development traffic can be safely and efficiently accommodated
  - Project will require OSTA (State Traffic Administration) Certificate Application and comprehensive CTDOT review to verify roadway improvements
  - Have reviewed and addressed Town Peer Review comments