CITY OF JOHNS CREEK GEORGIA

City of Johns Creek Transportation Master Plan

Public Meeting & Open House

September 18, 2008

Comprehensive Plan & Transportation Master Plan

- Comprehensive Plan
  - Outlines City's vision
  - Assesses current conditions and future needs
  - Establishes policies and strategies to address needs
  - Recommends individual projects/programs that support policies and strategies
  - Short Term Work Program (STWP) includes only those projects/programs to be implemented within first 5 years (2009-2013)
- Transportation Master Plan
  - Provides additional detail regarding transportation system recommendations
  - 20-year plan "horizon" addresses both short and longer term needs
  - Highest priority projects are those from the 5-year STWP
  - Serves as the "platform" for future detailed project development studies

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Outreach & Involvement to Date

- November 2007 to June 2008 – 7 committee and sub-committee meetings conducted as part of Comprehensive Plan process
- January 14 – Public hearing for Mayor and City Council on needs
- February 19, March 6 and March 18 – Transportation Sub-area Work Sessions
- April 24 – Public open house on draft recommendations for inclusion in 5-year STWP
- June 10 – Public hearing for Planning Commission
- July 14 – Public hearing for Mayor and City Council
- Over 300 comments received at workshops, addressing multiple travel modes

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Important Considerations

- Strong connection between land use and transportation
- Growth patterns and projections derived from Comprehensive Plan
- Regional context considers growth in adjacent jurisdictions
- Travel evaluated within, to/from, and through Johns Creek
- Multi-modal assessment considers pedestrian, bicycle and transit modes in addition to roadway
- Needs based on identified issues and opportunities
- Transportation policies with associated strategies address needs
- Individual projects and programs support policies and strategies

Transportation Policies and Strategies

- **Policy 1: Facilitate safe and efficient movement of traffic along key corridors to minimize congestion.**
  - Improve connectivity to reduce congestion at critical intersections as development/redevelopment occurs.
  - Provide necessary operation at key intersections to prevent bottlenecks from limiting overall capacity along roadways, including alternative intersection treatments where needed.
  - Develop multi-modal circulation and loading area plans for all schools to reduce school related congestion.

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Transportation Policies and Strategies

- **Policy 2: Apply innovative approaches and technologies to improve mobility, safety and environmental quality.**
  - Utilize access management techniques to increase mobility, safety, and interconnectivity.
  - Continue development and application of ITS (Intelligent Transportation Systems) and incident management technology.
  - Promote state-of-the-art signal system technology.
  - Promote travel demand management (TDM) strategies to reduce trips.
  - Encourage increased mixed use development/redevelopment.
  - Facilitate public-private funding partnerships for improvements.
  - Coordinate with state, regional, and local agencies responsible for environmental compliance and guidelines.

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Transportation Policies and Strategies

- **Policy 3: Enhance capacity along key corridors while preserving the existing character of the two-lane residential roads in Johns Creek.**
  - Enhance roadway capacity along high demand corridors.
  - Improve two-lane roads for efficient operations and safety.
  - Preserve current transportation investment through effective maintenance of transportation system.
  - Manage speed as appropriate to functional classification and adjacent land uses.

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Transportation Policies and Strategies

- **Policy 4: Connect the sidewalk and multi-use trail network to allow safe pedestrian and bicycle travel throughout Johns Creek.**
  - Provide sidewalk and multi-use trail improvements to facilitate pedestrian and bicycle access within ½-mile of all schools, libraries, parks, and Chattahoochee River public use areas.
  - Connect sidewalk network to provide continuous sidewalk along all arterial and collector roads.
  - Create multi-use trail network based on adopted Multi-Use Trail Plan to include connections to adjacent jurisdictions' facilities and the Chattahoochee River.
  - Establish pedestrian and bicycle friendly policies and standards.

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Transportation Policies and Strategies

- **Policy 5: Explore public transportation options for Johns Creek commuter travel to the Atlanta core, Hartsfield-Jackson Airport, and surrounding communities.**
  - Support GRTA, MARTA and GDOT efforts related to express transit service and commuter rail.
  - Support regional bus rapid transit (BRT) initiatives to connect Johns Creek to surrounding communities via State Bridge Road.
  - Provide adequate, safe and secure parking to support multi-modal and transit services.

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Transportation Policies and Strategies

- **Policy 6: Whenever possible, interconnectivity should be encouraged.**
  - Promote continuation and extension of street system and bicycle/pedestrian network.
  - Increase network connectivity to accommodate demand between adjacent neighborhoods and developments without accessing the major thoroughfare system.

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Transportation Master Plan Recommendations

- Approximately 120 projects/programs
- Variety of project types, across all modes
  - Roadway capacity
  - Intersection and operational improvements
  - Pedestrian, bicycle and multi-use trail facilities
  - Transit improvements
  - Functional classification system
  - Bridge maintenance and repair
- Individual project recommendations only characterize need; future concept development studies provide details and specifics

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Program Recommendations

- Signal installation and timing
- Intersection improvement
- Access management
- Bridge maintenance
- Safe Routes to School
- Sidewalk connectivity and reconstruction
- Transit and Travel Demand Management (TDM)
- Road resurfacing
- Neighborhood traffic management

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Transportation Master Plan Effectiveness

- Reduced delay
  - Effective intersection improvements at critical intersections
  - Widening compatible with recommended functional classification system
- Additional options for making short trips
  - Activity center connectivity
  - Pedestrian and bicycle connectivity
- Advanced signal control system to move cars more efficiently and provide priority for express buses
- Support of regional transit initiatives to provide commute options
  - Commuter rail to south
  - Bus Rapid Transit (BRT) along State Bridge Road
- Other solutions to enhance access and connectivity to regional transit

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Innovative Concepts in Transportation Master Plan

- Alternative intersection improvements
- Improved traffic signal timing
- ITS and ATMS for traffic monitoring, management and incident response
- Access management techniques along congested corridors
- Increased promotion of carpools/vanpools, teleworking, flex-time and other travel demand management (TDM) tools
- Mixed use development/redevelopment at key activity nodes
- Public-private funding partnerships for improvements

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Overall Conditions in Year 2030 with Plan

- Congestion is slightly improved over today's conditions while absorbing significant growth
  - 24,250 additional population
  - 24,600 additional employment
- Congestion is greatly improved over 2030 conditions without improvements (40% reduction in projected overall congestion)
- Severe congestion avoided through improvements compatible with functional classification
  - Medlock Bridge Road – 4 to 6 lanes
  - Jones Bridge Road – 2 to 4 lanes
  - Abbotts Bridge Road – 2 to 4 lanes
  - Old Alabama Road east of Jones Bridge Road – improved 2 lane
  - Old Alabama Road west of Jones Bridge Road – improved 4 lane

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Use of Plan into the Future

- To move specific transportation projects forward into prioritization, funding and detailed concept definition
- For project inclusion in countywide and regional plans
- As a staff resource during inter-jurisdictional coordination efforts
- To ensure land use / transportation connectivity and shifting travel behaviors are monitored by regular Plan updates

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Next Steps

- Submit any written comments
  - On the comment card provided tonight
  - Via the City's website at info@JohnsCreekGA.gov
- Mid-October – Draft Transportation Master Plan loaded to City web site for public review and comment
- November 10 – Public Hearing #4 for Comprehensive Plan, including Transportation Master Plan

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