

Data and Study Listing

CHCNGA 2030 Long Range Transportation Plan Update

HIGHWAY, ITS AND BRIDGE PLANS \ STUDIES

Title: Origin-Destination Travel Study

Year: 2003

Author: Data Smarts

Key Findings: Roadside interviews and a mailback postcard questionnaire distributed at diamond interchanges near interstate sites were used to collect the external trip data. Non-interstate data was collected during the spring of 2002, with interstate data collected during the fall of 2002. External trip data locations were identified along routes where external origin-destination data collection would capture trips along higher volume roadways. A total of 7,249 records were collected at 19 external station roadside sites via interview and postcards. Frequency statistics for responses to the trip purpose and trip frequency responses were calculated, and are reported in tabular format for each site at the end of the report.

Title: Household Travel Survey Data and documentation

Year: 2003

Author: Resource Systems Group (subconsultant to Data Smarts)

Key Findings: Internal household trip data was collected through the distribution of a mailout/mailback questionnaire and an Internet web-based questionnaire. A total of 1,035 complete internal household surveys were recorded. Post-processing of the data was completed which consisted of editing, logic checking, some data entry, and geocoding the records.

Title: TransPlan 2025

Year: 2003

Author: Chattanooga Urban Area MPO??

Key Findings: TransPlan 2025 is the Chattanooga Urban Area's Long Range Transportation Plan (LRTP) completed to establish public policies for transportation and identify improvements to the transportation network required for year 2025. The LRTP planning process was completed under the federal guidelines including the seven prescribed planning factors (one of which includes public involvement). A travel demand model was also completed for the LRTP.

Title: Transportation Improvement Program

Year: 2003

Author: Chattanooga Urban Area TPO

Key Findings: The Transportation Improvement Program (TIP) is the Chattanooga Urban Area's four year (2003-2006) transportation capital improvement program. The TIP lists the highest priority funded transportation projects drawn from the LRTP. The TIP list

Title: Historic Traffic counts (TN)

Year: 1992 to 2004

Author: TDOT

Key Findings: Excel spreadsheet presenting historic traffic count data for Hamilton County. Data is presented as Annual Average Daily Traffic (AADT) values by road segment. Traffic count data is presented for the period between 1992 and 2004.

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Title: Historic Traffic counts (GA)
Year: 1992 to 2003
Author: GDOT
Key Findings: Excel spreadsheet presenting historic traffic count data for Walker, Catoosa and Dade Counties. Data is presented as Annual Average Daily Traffic (AADT) values by traffic count station and corresponding road segment. Traffic count data is presented for the period between 1992 and 2002.

Title: Bridge Management Information from TRIMS(TN)
Year: Latest available
Author: TDOT
Key Findings: Provides bridge condition information.

Title: Bridge Management Information (GA)
Year: Latest available
Author: GDOT
Key Findings: Provides bridge condition information.

Title: Committed and Long Range projects (GA)
Year: June 2004
Author: GDOT
Key Findings: Pre-construction status report from GDOT website listing the committed and long range projects for Catoosa, Dade and Walkers Counties. The data provided into project description, status and let date.

Title: Committed and Long Range projects (TN)
Year: June 2004
Author: TDOT
Key Findings: TDOT's Region II Major Construction Project Update details current construction status and driver delay information for specific counties within Region II. Within Hamilton County, current projects under construction include: I-75, US 127, SR 153, SR 319 and I-24.

Title: Crash Data - TRIMS (TN)
Year: 1999 to 2001
Author: TDOT
Key Findings: Database of crash data from TDOT for years 1999 to 2001. This data is geo-referenced by milelog and includes specifics such as type of accident, time of day, weather and road conditions, number of injuries and fatalities, number of vehicles and/or pedestrians/bicyclists involved.

Title: Crash Data (GA)
Year: 2000, 2001 and 2002
Author: GDOT
Key Findings: Database of crash data from GDOT for years 2000 to 2003. This data is geo-referenced by milelog and includes specifics such as type of accident, time of day, weather and road

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conditions, number of injuries and fatalities, number of vehicles and/or pedestrians/bicyclists involved.

Title: Georgia Truck Survey

Year: May 2003

Author: CVRDC

Key Findings: Excel spreadsheet detailing truck rates for various freight companies within Georgia counties. The spreadsheet includes company name and address (freight origin only), number of employees, estimated number of truck trips per day, and type of freight.

Title: Chattanooga-Hamilton County-North Georgia CMS

Year: March 2004

Author: Chattanooga-Hamilton County-North Georgia Transportation Planning Organization and Chattanooga-Hamilton County Regional Planning Agency

Key Findings: The goal of the Chattanooga-Hamilton County-North Georgia CMS is "to improve how transportation system performance is measured and analyzed", as well as identifying causes of congestion, and identification and implementation of congestion mitigation strategies. The CMS also provides a detailed future strategy including network monitoring and data collection\analysis requirements.

Title: Interstate System Plan for Georgia

Year: June 2002-April 2004

Author: Day Wilburn Associates, Inc.

Key Findings: The study's products include a comprehensive list of recommended projects to improve safety; maintain the system; ensure access and mobility; protect the environment, and address increasing traffic volumes to the year 2035. The study addressed many issues that can affect the Interstate's many and diverse users including commerce; manufacturing; economic development; goods movement; tourism; trucking; hurricane evacuation; and military preparedness. Potential funding sources and strategies for implementing the recommended improvements were identified. One of the major recommendations from the ISP of interest to the LRTP update is the widening of I-75 from Metropolitan Atlanta to Metropolitan Chattanooga.

Title: Appalachian Corridor Study

Year: 1996-1998

Author: GDOT

Key Findings: The Appalachian Corridor Study was commissioned by GDOT to determine the need for and feasibility of a continuous east-west transportation corridor across north Georgia. The study of this GRIP (Governor's Road Improvement Program) corridor was conducted in three phases over a two-year period, in response to many years of local and regional concerns. The study addresses east-west mobility, safety issues, reduction of traffic congestion, transport of goods, economic opportunities and tourism opportunities. The routing recommendations pertinent to the Chattanooga Urban Area are listed below.

1. Construct a two-lane roadway with passing lanes from Trenton to US 27 mostly on new location(lower priority);
2. Construct a four-lane roadway from US 27 to Dalton on new location (higher priority);
3. Add two additional lanes on the existing North Dalton Bypass (higher priority);

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4. Construct a four-lane bypass south of Chatsworth on new location from Dalton to US 411 (higher priority);
5. Upgrade two-lane roadway with passing lanes following US 76 from US 411 to Ellijay(lower priority);

Title: **SR3/US41 (Ringgold Bypass) Final Report**

Year: 2003

Author: Tom McQueen

Key Findings: This study is the result of a resolution passed by the City of Ringgold in March, 2001 and officially received by the Office of Planning on June 4, 2002. The resolution requested operational improvements on SR 3/US 41 (Nashville Street) through the City, including these five items:

- A. Add turn lanes on SR 3/US 41 from Sparks Street to SR 151
- B. Add a new traffic signal on SR 3/US 41 at Chapman Road
- C. Add warning lights at the railroad underpass (south of Depot Street)
- D. Add a turn lane on SR 3/US 41 at Cleveland Street
- E. Modify the signal timing at the existing signals at Sparks Street, Cleveland Street and Tennessee Street/SR 151 to improve traffic flow on SR 3/US 41 (especially for morning traffic headed for the high school and middle school on the north side of town).

Title: **Chattanooga Urban Area Highway Incident Management Plan**

Year: Not labeled

Author: Regional Planning Agency (RPA)

Key Findings: The purpose of the Chattanooga Urban Area Highway Incident Management Plan is to provide a framework in which to implement traffic operations and management measures which increase the abilities of local governments to respond to highway incidents in a safe and efficient manner. Incident Management is one element of a larger emphasis in transportation planning and engineering known as Intelligent Transportation Systems (ITS). ITS is the application of computer and communication technologies to improve the efficiency and safety of transportation. ITS measures such as incident management will benefit area residents and visitors by maximizing the efficiency of traffic movement along our streets and highways.

Title: **SmartWay Strategic Plan**

Year: 2003

Author: TDOT

Key Findings: The purpose of the Chattanooga Urban Area Highway Incident Management Plan is to provide a framework in which to implement traffic operations and management measures which increase the abilities of local governments to respond to highway incidents in a safe and efficient manner. Incident Management is one element of a larger emphasis in transportation planning and engineering known as Intelligent Transportation Systems (ITS). ITS is the application of computer and communication technologies to improve the efficiency and safety of transportation. ITS measures such as incident management will benefit area residents and visitors by maximizing the efficiency of traffic movement along our streets and highways.

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Title: The Downtown Plan – Chattanooga 2025
Year: 2002
Author: City of Chattanooga
Key Findings: The Chattanooga Downtown Plan is the blueprint for our future, engendering the principles and guidelines that will influence our urban development in the coming years. It identifies multimodal transportation improvements within the city and provides a an implementation plan to prioritize, design and implement public infrastructure improvements.

Title: I-75 and I-24 Interchange Modification Report
Year: 2002
Author: TDOT (PBS&J)
Key Findings: Provided recommendations to improve the traffic operations and safety at the I-75 and I-24 directional interchange and the I-24 at Ringgold Road and the Welcome Center.

TRANSIT PLANS \ STUDIES

Title: Transit ridership, boardings, and alightings by route
Year: 2003
Author: CARTA
Key Findings: Excel spreadsheet detailing the transit route load profile (boardings and alightings) by route and stop. Information provided includes time of day (AM\PM), inbound/outbound and weekday or weekend.

Title: Transit route maps with headways and stops
Year: 2004
Author: CARTA
Key Findings: GIS Database

Title: Tennessee State Transit Plan
Year: 2004
Author: TDOT (PB)
Key Findings: A public transportation plan for 2025 for the state of Tennessee. Outlines goals, objectives, demographics, ridership, scenario plans and anticipated funding.

BICYCLE \ PEDESTRIAN PLANS \ STUDIES

Title: Chattanooga Urban Area Bicycle Facilities Master Plan
Year: April 2002
Author: Hawkins Partners, Inc.
Key Findings: The plan builds upon the 140 miles of the existing and previously planned greenways within the planning area. The recommended bicycle facility network provides a comprehensive multi-jurisdictional network of facilities that accommodates cyclists of various skill levels. The plan identifies 377.5 miles of additional facilities that are comprised of the following:

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- 36 miles of Class I:Multi-use Paths (off-road)
- 155 miles of Class II:Bike Lanes
- 186 miles of Class III:Bike Routes
- 0.5 mile of Special Facilities (i.e. bike racks)

Title: **Chattanooga Urban Area Sidewalk-Streetscape Policy Guide**

Year: August 2003

Author: Chattanooga Urban Area Metropolitan Planning Organization & Chattanooga-Hamilton County Regional Planning Agency

Key Findings: This document serves as a guide for local governments to direct their efforts in improving existing and implementing new sidewalks (including sidewalks, safewalks and some multi-use paths) and streetscaping through:

- GIS mapping/Inventory
- Weighted sidewalk criteria ranking matrix
- Maintenance recommendations
- General streetscape standards
- Funding and Implementation

Title: **5-Year Strategic Greenways Plan**

Year: 2001

Author: The Trust for Public Lands

Key Findings: Identifies a strategic plan to complete greenways throughout the CHCNGA region. Provides a vision, discussion on greenway projects and anticipated cost to complete each greenway.

AVIATION PLANS \ STUDIES

Title: **Georgia Aviation System Plan**

Year: 2002

Author: GDOT

Key Findings: The System Plan is comprised of four parts:

- System Plan
- Air service\Passenger Demand Analysis
- Pavement Management Study
- Aviation Tax Revenue Study

The approach to the Georgia Aviation System Plan was performance- based, enabling Aviation Programs to determine how the airport system is currently performing, to set objectives for its future performance, and to determine the actions necessary to direct the airport system towards established goals.

Title: **Chattanooga Metropolitan Airport Authority Master Plan**

Year: 1998

Author: PB Aviations, Inc.

Key Findings: The Master Plan outlines goals, inventory of exiting conditions, projections of aviation demand and airport plans.

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Title: Challenge 2010
Year: Not labeled
Author: Unknown
Key Findings: The Master Plan outlines goals, inventory of existing conditions, projections of aviation demand and airport plans.

FRIEGHT (RAIL\TRUCK) PLANS \ STUDIES

Title: Tennessee Rail System Plan
Year: 2003
Author: TDOT
Key Findings: The Rail System Plan identifies the important role that both the Class 1 and the short line railroads now play in the state. Forecasts of future rail freight traffic on Tennessee railroads, based on a national forecasting model developed by the Federal Highway Administration, US Department of Transportation, show that traffic on the railroads will increase, in the year 2020, by 50 percent over the levels in the year 2002.

AIR QUALITY PLANS \ REPORTS

Title: Early Action Compact
Year: 2004
Author: Tennessee Department of Environment and Conservation
Key Findings: The Early Action Compact (EAC) serves as a Memorandum of Agreement among government agencies representing, collectively, local governments, state government s, including the Tennessee Air Pollution Control Board (TAPCB), and the United States Environmental Protection Agency (EPA).It is for the express purpose of commitment to EPA's "Protocol for Early Action Compacts Designed to Achieve and Maintain the 8- Hour Ozone Standard".

COMPREHENSIVE PLANS

Title: Catoosa County Comprehensive Plan
Year: April 2002
Author: CVRDC
Key Findings: The Catoosa County Comprehensive Plan established a framework from which the county can work when planning for the future provision of public facilities and services. In addition, the plan serves as the basis for local government decision making regarding economic development, environmental protection, and the future pattern of land use in the county.

Title: Dade County\City of Trenton Joint Comprehensive Plan
Year: March 1991
Author: Dade County and the City of Trenton Planning Commission
Key Findings: The Dade County-City of Trenton Joint Comprehensive Plan was developed through the efforts of an appointed a planning committee with technical assistance from the planning

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staff of the Coosa Valley Regional Development Center. The development process was accomplished through a series of regularly scheduled meetings with the planning committee.

Title: Walker County Comprehensive Plan
Year: September 1990
Author: Chattanooga Area Regional Council of Governments
Key Findings: The Walker County 2010 Comprehensive Plan established a framework from which the county can work when planning for the future provision of public facilities and services. In addition, the plan serves as the basis for local government decision making regarding economic development, environmental protection, and the future pattern of land use in Walker County.

PUBLIC INVOLVEMENT PLANS

Title: CHCNGA Public Involvement Program
Year: January 2004
Author: Chattanooga Urban Area Metropolitan Planning Organization
Key Findings: The CHCNGA Public Involvement Program is a guide to serve as a resource to help planners and consultants understand their role in involving the public in transportation planning, and maintaining an acceptable quality of life of the communities they design. The Program presents the general requirements (i.e. meeting notifications, MPO meeting guidelines etc) and program requirements (LRTP, TIP, CMS etc.) for the MPO.

Title: Chattanooga Hamilton County North Georgia Area Transportation Plan Public Involvement Plan
Year: February 10, 2004
Author: Dovetail Consulting
Key Findings: The PIP for the 2030 LRTP is divided into eight (8) sections:
Section 1 provides an overview of the Chattanooga Hamilton County North Georgia Area LRTP.
Section 2 describes the federal, state and regional regulatory requirements that apply to public involvement programs for transportation planning studies and projects.
Section 3 provides general framework, strategies and expected outcomes of the public involvement program.
Section 4 outlines the four-step process that will be used to develop and implement the LRTP public involvement program.
Section 5 summarizes the specific public involvement techniques developed for the Chattanooga LRTP to create an open and flowing community dialogue that will shape the future of transportation in the Chattanooga metropolitan area.
Section 6 depicts the implementation schedule for each major public involvement task and the team members responsible for putting the plan into action.
Section 7 lists the performance measures that will be used to determine the level of approach to public involvement.

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LAND USE PLANS

Title: Existing Land Use Plan
Year: Data Collected Spring\Summer 2001
Author: TPO
Key Findings: A GIS database is available depicting existing (2001) land use.

Title: Future Land Use Plan
Year: 2025
Author: TPO
Key Findings: A GIS database has been compiled from individual jurisdictions depicting the future year land use plans.

TRAVEL DEMAND MODEL AND RELATED DATA

Title: Base Year Socioeconomic Data (TN)
Year: 2000
Author: US CENSUS
Key Findings: Hamilton County: All of the base year data, except number of employees, came from the Census 2000. These data were collected at either the Block level or the Block Group level. The 2000 employment data for Hamilton County came from the Bureau of Economic Analysis.

Title: Future Year Socioeconomic Data (TN)
Year: 2004
Author: Center for Business and Economic Research (CBER) at the University of Tennessee
Key Findings: The starting point for the population and employment projections were control totals provided to RPA by the Tennessee Department of Transportation (TDOT), which were developed by the Center for Business and Economic Research (CBER) at the University of Tennessee.

Title: Base Year Socioeconomic Data (GA)
Year: 2000
Author: US CENSUS, RPA
Key Findings: The 2000 census was used for control totals for the base year socioeconomic data, and manipulated by the MPO and Coosa Valley RDC to disaggregate the data into TAZs.

Title: Future Year Socioeconomic Data (GA)
Year: 2004
Author: MPO
Key Findings: The 2030 projections were based upon control totals presented as part of the Georgia Service Delivery Region 1 Regional Plan (Regional Plan). This plan is currently under final review by the GA DCA.

Title: Existing TransCAD converted model and documentation
Year: 2004
Author: Cambridge Systematics, Inc.

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Key Findings: Documents travel demand model development.

Title: County socioeconomic data forecasts (for control totals)

Year: 2004

Author: RPA and CVRDC

Key Findings: Provides 2000 and 2030 population, employment and household estimates.