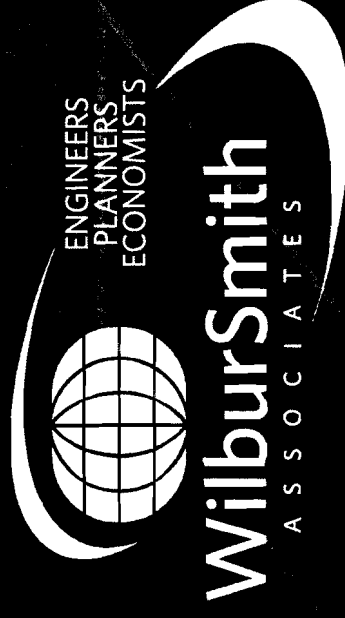


Master Street Plan

*City of Jonesboro and
MPO Urbanized Area*



February 14, 2008

Presentation Overview

- **Master Street Planning Overview**
 - Purpose
 - Benefits
 - Components
- **Project Approach**
 - Scope of Work
 - Schedule

Purpose of the Master Street Plan

- Adopted as the City's Thoroughfare Plan
- Primary Objective is to ensure the preservation of adequate right-of-way (ROW) on appropriate alignments and of sufficient width
- Allows for the orderly and efficient expansion and improvement of the transportation system to serve existing and future transportation needs

Benefits of a Master Street Plan

- Preserve adequate rights-of-way;
- Identify functional roles for each street;
- Inform citizens;
- Ensure continuity of the system;
- Maximize mobility while minimizing negative impacts;
- Provide information to determine priorities.

Master Street Plan Components

- The MSP delineates a system of thoroughfare classes by location, alignment, and functional relationship for different types of roadways
- **The MSP includes:**
 - An officially adopted thoroughfare system map;
 - Supporting design criteria for each functional class; and,
 - Implementation policies.

Scope of Services

- Work Area 1 – Project Initiation
- Work Area 2 – Compilation and Review of Available Information
- Work Area 3 - Public Involvement
- Work Area 4 – Assessment of Conditions and Needs
- Work Area 5 – Recommendations and Implementation

Work Area 1: Project Initiation

- **Purpose:** Identifies expectations of local agencies, items of critical importance, and informs stakeholders of the importance of their participation.
- **Tasks:**
 1. Agency Staff Discussions
 2. Key Person Interviews – Elected Officials
 3. Key Person Interviews – Developers & Groups
 4. Project Management Plan
 5. Project Announcement

Work Area 2: Available Information

- **Purpose:** Review and document existing data, current programs and policies, and Jonesboro's future vision.
- **Tasks:**
 1. Available Data Review and Analysis
 2. Relevant Studies and Plans Review
 3. Growth Projections Review

Work Area 2: Available Information

- Existing and Future Land Use Maps;
- Existing and Historic Traffic Volumes;
- Existing Rights-of-Way for All Streets;
- Existing MSP and Typical Sections;
- Bicycle and Pedestrian Plans;
- Floodway Maps;
- Subdivision Platting trends;
- Major Development trends;
- Population Forecasts; and,
- Travel Time and Delay Study.

MPO Functional Classification Street Map

Legend

- Crigfield Major Collectors
- Jonesboro Collectors
- Crigfield Minor Arterials
- Jonesboro Minor Arterials
- Crigfield Other Principal Arterials
- Jonesboro Other Principal Arterials
- Crigfield Minor Collectors
- Jonesboro Other Freeways and Expressways
- City Limits
- Census-Defined Urbanized Area
- AHTD Urban Boundary
- Jonesboro Study Area
- Crigfield County Line
- County Roads



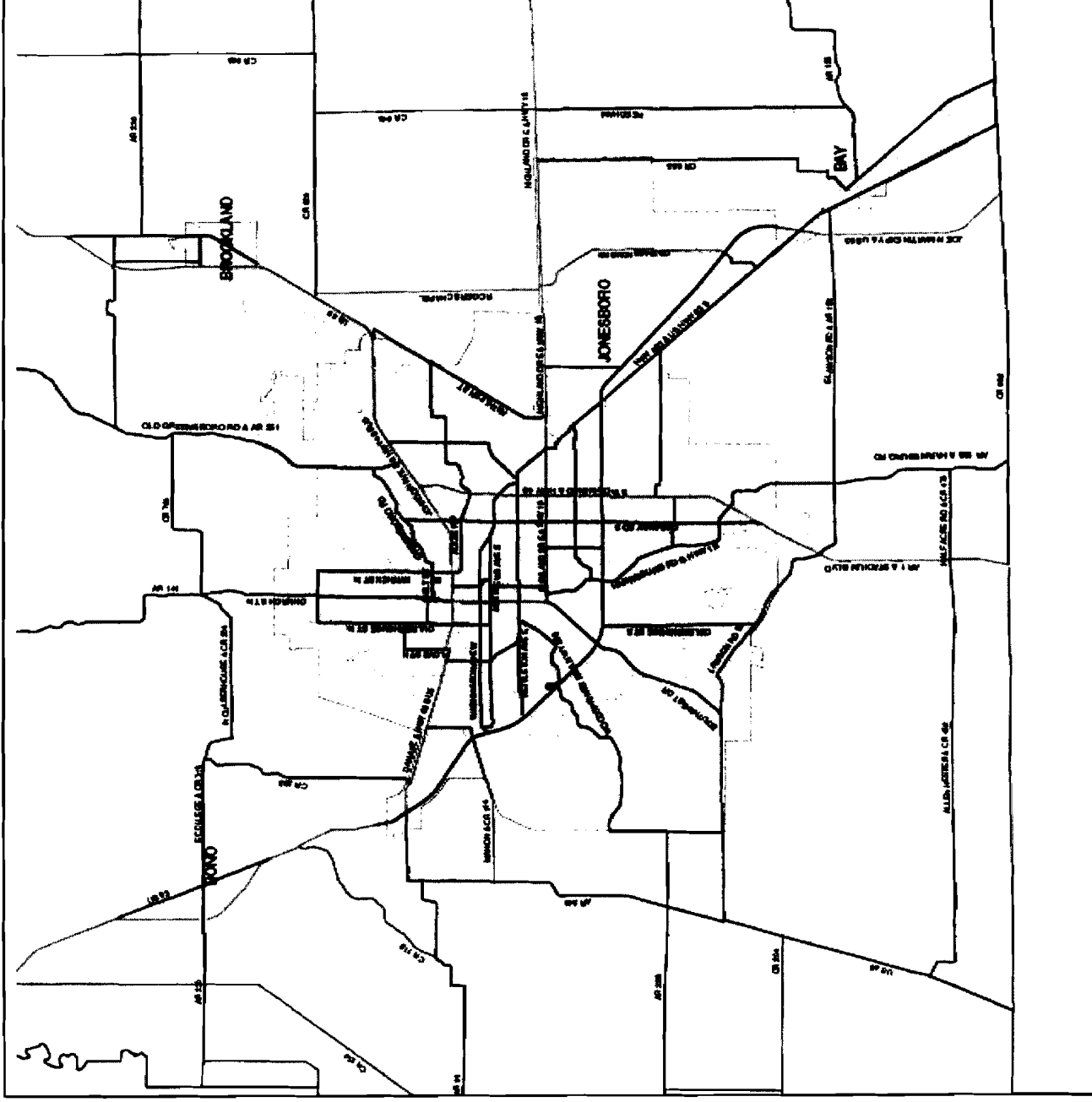
Functional Classification is the process by which streets and highways are grouped into classes according to the service they are intended to provide. Functional classification defines the part that any particular road or street should play in serving the flow of trips through a highway network. Local streets emphasize the land access functions. Arterials emphasize a high level of mobility for through movement. Collectors offer a compromise between both functions.



Jonesboro Area Transportation Study (JATS)
Metropolitan Planning Organization (MPO)

519 W. Washington Ave.
Jonesboro, Arkansas 72401
Phone: (870) 933-4623
Fax: (870) 933-4626
E-mail: mpo@jonesboro.org

February 2005



WILSON
SOCIETY

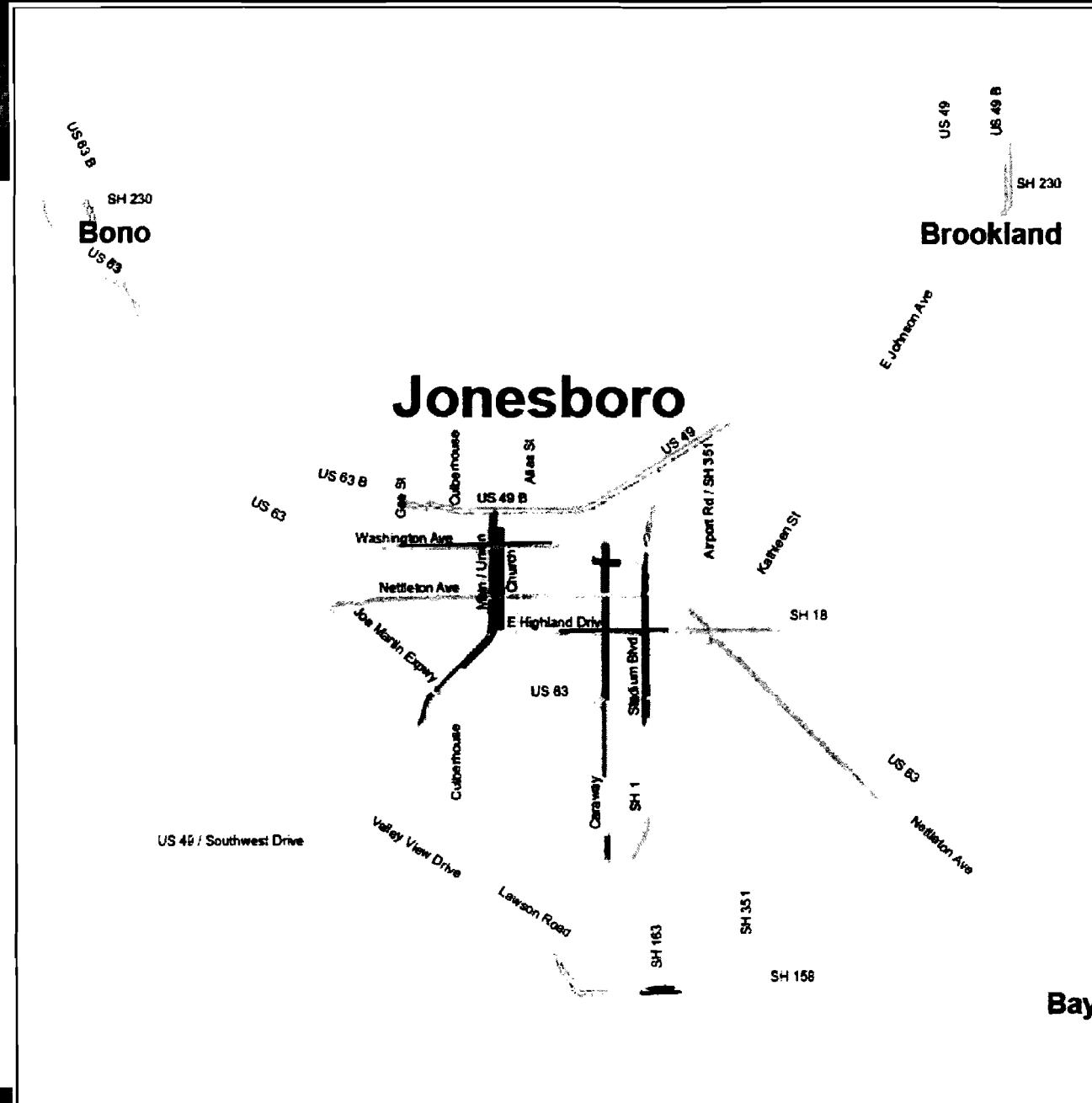
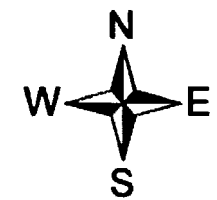
Jonesboro MPO

Speed and Delay Study

Delay Locations

PM Peak Hour
By Direction

- 60 + Sec/Veh/Mi
- 41-60 Sec/Veh/Mi
- 21-40 Sec/Veh/Mi
- 7-20 Sec/Veh/Mi



Work Area 2: Available Information

- Growth Projections are an important consideration in the development of the MSP:
 - Coordinate with the Comprehensive Plan update;
 - Review population and employment trends with City Staff;
 - Identify projected high growth areas and ensure the transportation system can accommodate the growth.

Work Area 3: Public Involvement

- **Purpose:** Obtain meaningful input from the community to produce a better MSP.
- **Tasks:**
 1. Project Website
 2. Presentations to Project Review Committee
 3. Cross Section Review Meeting
 4. Staff Workshops
 5. Public Meeting / Open House
 6. Static Displays
 7. Staff Presentations
 8. Boards, Councils, and Commissions Presentations

Work Area 3: Public Involvement

- Meetings:
 - Project Review Committee (coordinate with Comprehensive Plan update);
 - Cross Section Review with Developers (1);
 - Staff Workshops (2);
 - Public Meeting / Open House (1);
 - Presentations to Boards, Councils, and Commissions (as needed);
- Information for City Staff to present to others.

Work Area 3: Public Involvement

Georgetown Transportation Plan Website - Microsoft Internet Explorer provided by Wilbur Smith Associates

File Edit View Favorites Tools Help



Address <http://www.wilbursmith.com/georgetowntp/>

Google

Go



Work Area 3: Public Involvement

Georgetown Transportation Plan Website - Microsoft Internet Explorer provided by Wilbur Smith Associates

File Edit View Favorites Tools Help



Address <http://www.wilbursmith.com/georgetowntp/publicmeetings.html>

Google

Go

Bookmarks

67 blocked

Check

AutoLink

Send to

Settings



Home

Plan Development

Project Schedule

Project Participants

Meetings

Newsletter

Feedback

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[Contact Webmaster](#)

Meeting Type

Date

Agenda

Technical Advisory Committee and Stakeholder Committee

Meeting No. 1

[TAC Minutes \[PDF\]](#)

[SH Minutes \[PDF\]](#)

[SH Presentation \[PDF\]](#)

February 19, 2003

- Review Project Management Plan
- Identify Data Needs
- Existing Transportation Issues
- Develop Goals and Objectives
- Coordination for Public Meeting #1

Meeting No. 2

[TAC Minutes \[PDF\]](#)

[SH Minutes \[PDF\]](#)

April 30, 2003

- Review Existing Conditions Evaluation
- Review TIP Process Development
- Review Public Meeting No. 1

GTEC TIP Workshop

[GTEC TIP Workshop Minutes \[PDF\]](#)

June 30, 2003

- Develop additional future alternative transportation solutions
- Review TIP Project Selection Criteria and Process

Meeting No. 3

[TAC Meeting Agenda \[PDF\]](#)

[TAC Meeting Minutes \[PDF\]](#)

October 8, 2003

- Coordination for Public Meeting No. 2
- Review of Improvement Alternatives
- Status of Travel Demand Model Development
- Roadway Cross Sections and Proposed Functional Classification System

[Stakeholder Meeting Agenda \[PDF\]](#)

[Stakeholder Meeting Minutes \[PDF\]](#)

Public Meetings

Public Meeting No. 1

[Presentation \[PDF\]](#)

[Handout \[PDF\]](#)

[Comment Form \[PDF\]](#)

March 26, 2003

- Present Study Purpose and Objectives
- Present Initial Data Findings
- Present Preliminary Existing Transportation Conditions
- Review TIP Process Development

Public Meeting Summary [PDF]

Public Meeting No. 2

Note - Some of the following PDF files are large, and may take a few minutes to download.

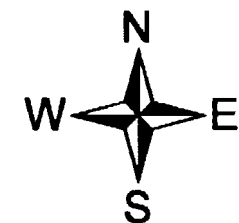
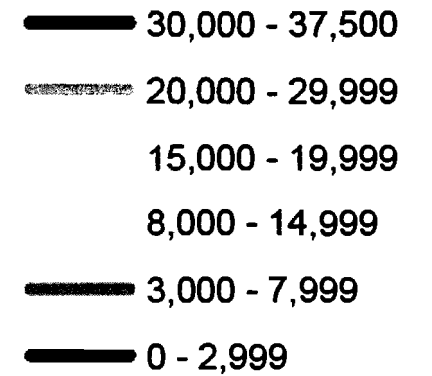
Wilbur Smith
ASSOCIATES

Work Area 4: Assessment of Needs

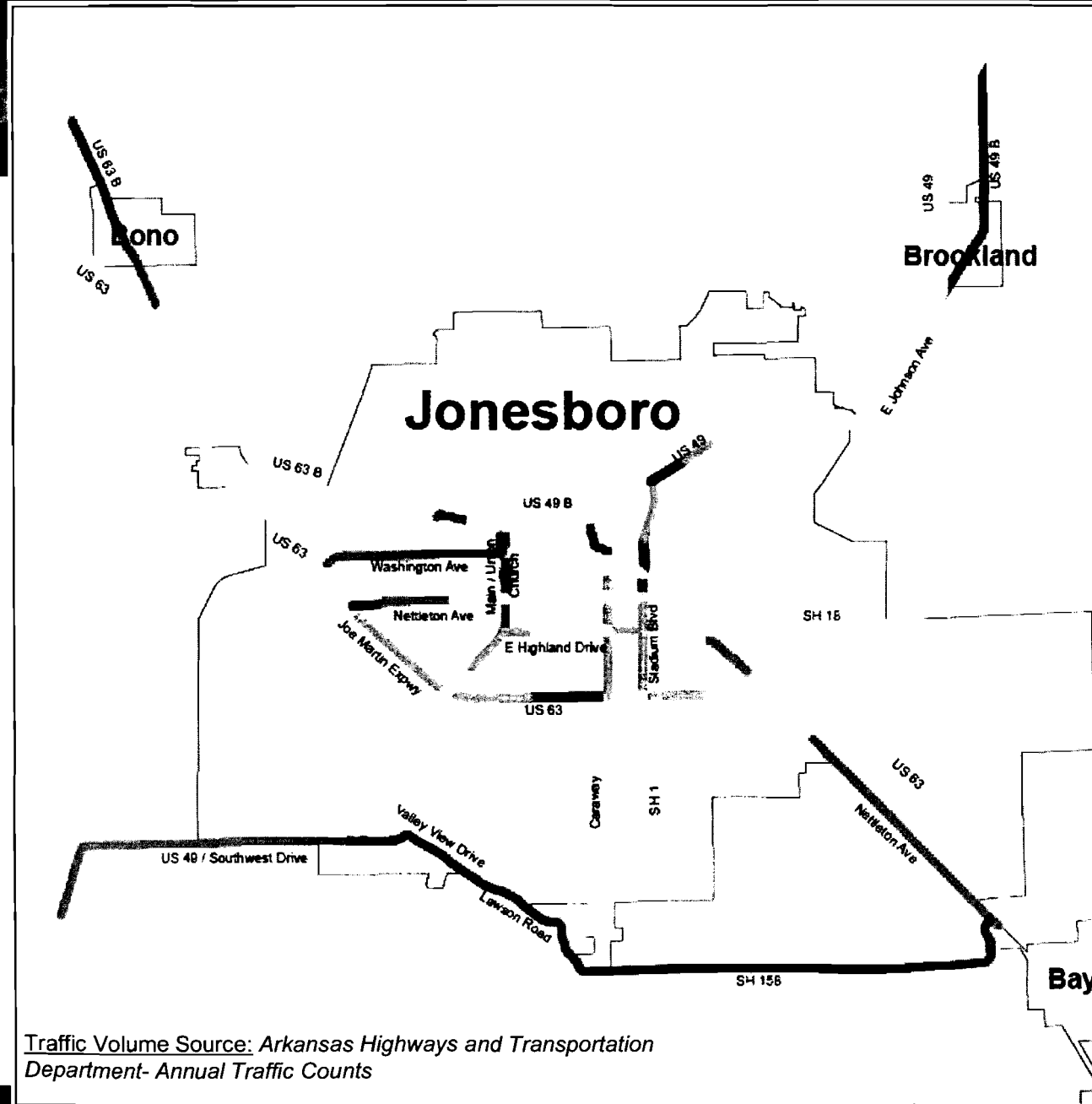
- **Purpose:** Identify corridor deficiencies and alternative improvements to enhance the transportation system.
- **Tasks:**
 1. Identify Existing Deficiencies and Traffic Conditions
 2. Travel Demand Forecast
 3. Functional Classification System and Design Standards
 4. Analysis of Needs
 5. Improvement Alternatives
 6. Recommended Improvements

Jonesboro MPO **Speed and Delay** **Study**

2006 **Traffic Volumes**



Traffic Volume Source: Arkansas Highways and Transportation
 Department- Annual Traffic Counts



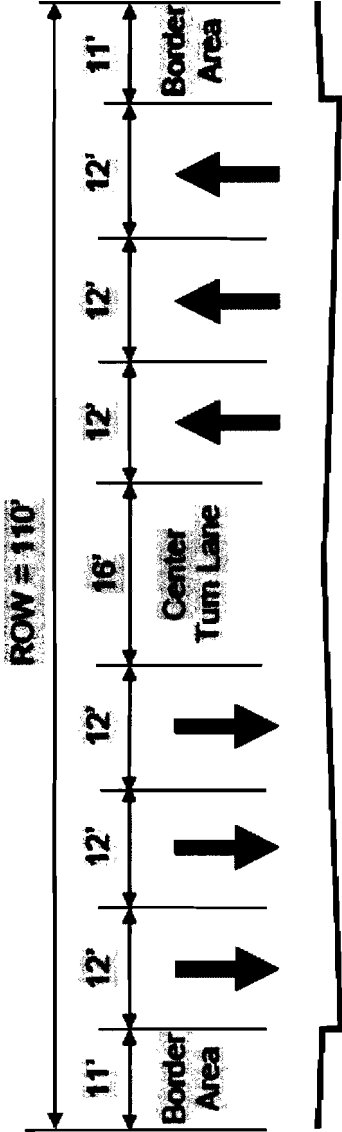
Work Area 4: Assessment of Needs

- **Travel Demand Forecasts based on:**
 - Historical Growth Rates;
 - Population Forecasts;
 - Employment Forecasts;
 - Future Land Use; and,
 - Local Knowledge obtained from Stakeholders.
- **Volumes Development approaches:**
 - Build-up using trip generation estimates
 - Growth rates using historical trends

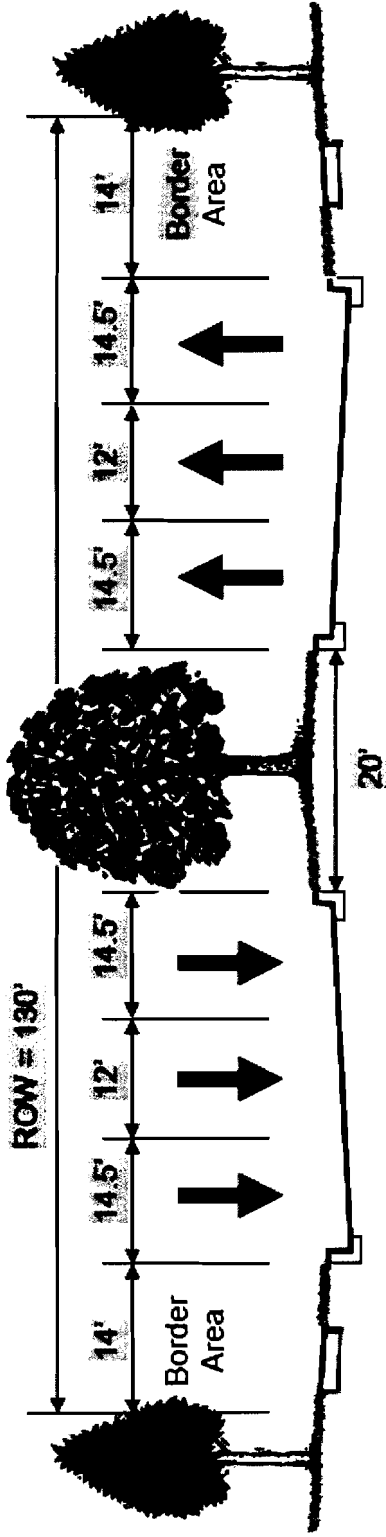
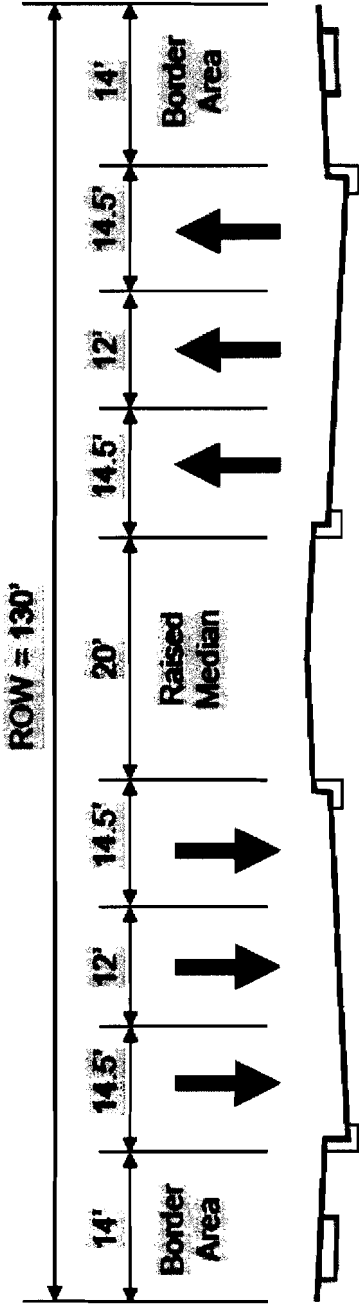
Work Area 4: Assessment of Needs

- **Revise Roadway Cross Section Standards**
 - update existing roadway cross-section standards to ensure that the standards are in sync with today's state of the practice
- **Preserve right-of-way to accommodate future traffic needs**
 - Provision of sidewalks or bicycle lanes;
 - Space for efficient vehicle operations;
 - Provision of raised medians to improve safety and possibilities for improved aesthetics and beautification; and,
 - Adequate room for turning movements.

Existing



Proposed



From Tyler Master Street Plan

Work Area 4: Assessment of Needs

- **Recommendations for Short and Long Term Improvements involve:**
 - Analysis of Various Improvement Types to address Documented Needs;
 - Roadway Widenings, New Roadways, Intersection Improvements, Alignment Corrections, Access Improvements, Operations Improvements
 - Planning Level Cost Estimates;
 - Review of Environmental and Social Impacts; and,
 - Consideration of Public Input.

Work Area 5: Recommendations

- **Purpose:** Document the development of the MSP and assist staff in seeing the plan through to adoption.
- **Tasks:**
 1. Functional Classification System
 2. Typical Design Sections
 3. Policies and Regulations for Implementation
 4. Draft and Final Report
 5. Hearings and Meetings on the MSP
 6. Final Plan Adoption

Schedule

• Five Month Schedule

Work Area 1 - Project Initiation

- Task 1.1 Agency Staff Discussions
- Task 1.2 Key Person Interviews with Elected Officials
- Task 1.3 Key Person Interviews with Developers and Advocacy Groups
- Task 1.4 Project Management Plan
- Task 1.5 Project Announcement

Work Area 2 - Compilation and Review of Available Information

- Task 2.1 Request, Compile and Review Available Data
- Task 2.2 Request, Compile and Review Relevant Studies and Plans
- Task 2.3 Request, Compile and Review Growth Projections
- Existing Data Technical Memorandum
- Project Meeting with Project Review Committee

Work Area 3 - Public Involvement

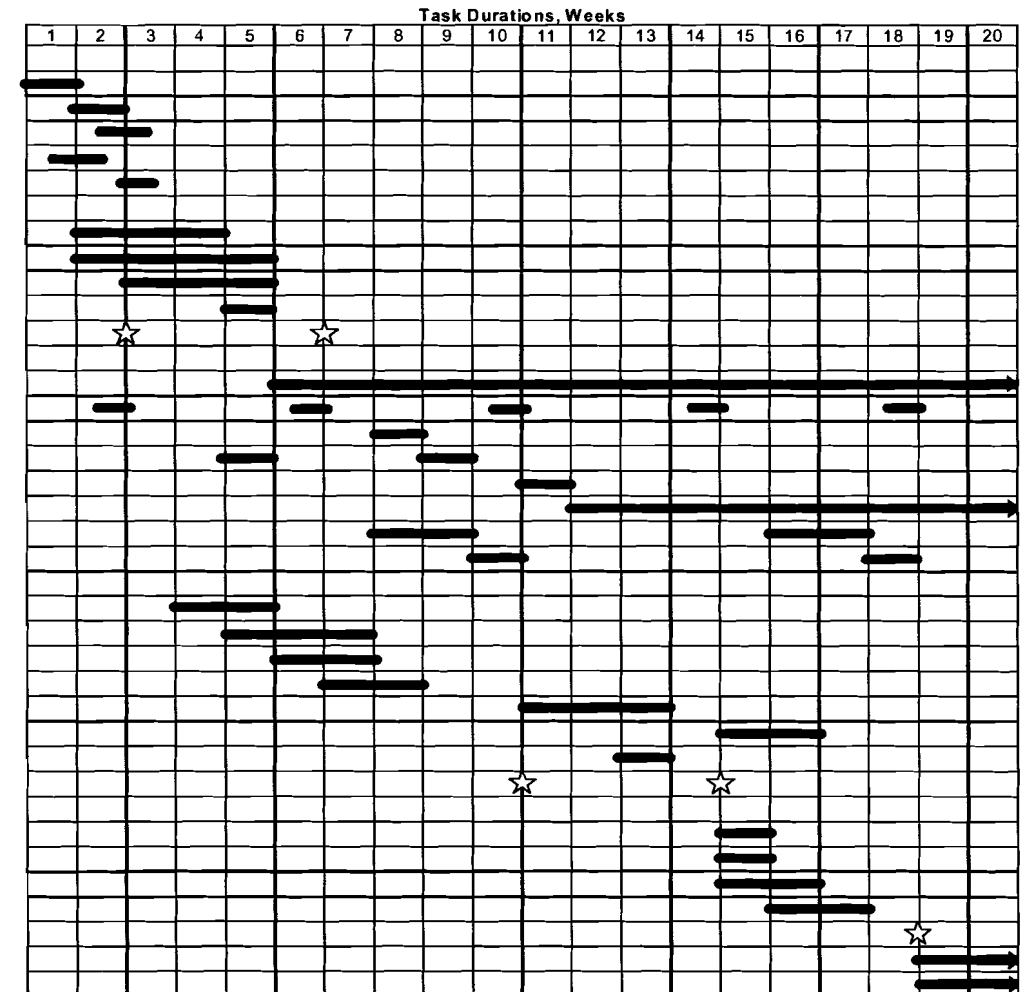
- Task 3.1 Project Website
- Task 3.2 Presentations to the Project Review Committee
- Task 3.3 Cross Section Review Meeting
- Task 3.4 Staff Workshops
- Task 3.5 Public Meeting/Open House
- Task 3.6 Static Displays
- Task 3.7 Staff presentations
- Task 3.8 Presentations to Boards, Councils and Commissions

Work Area 4 - Assessment of Conditions and Needs

- Task 4.1 Identification of existing deficiencies and traffic conditions
- Task 4.2 Travel demand forecast.
- Task 4.3 Functional classification system and design standards
- Task 4.4 Analysis of needs
- Task 4.5 Improvement alternatives
- Task 4.6 Recommended improvements
- Assessment of Needs Technical Memorandum
- Project Meeting with Project Review Committee

Work Area 5 - Recommendations and Implementation

- Task 5.1 Functional Classification System
- Task 5.2 Typical design sections
- Task 5.3 Policies and regulations for implementation of the MSP
- Task 5.4 Draft and Final Report
- Project Meeting with Project Review Committee
- Task 5.5 Hearings and meetings on the Proposed Plan
- Task 5.6 Final Plan adoption



Select WSA

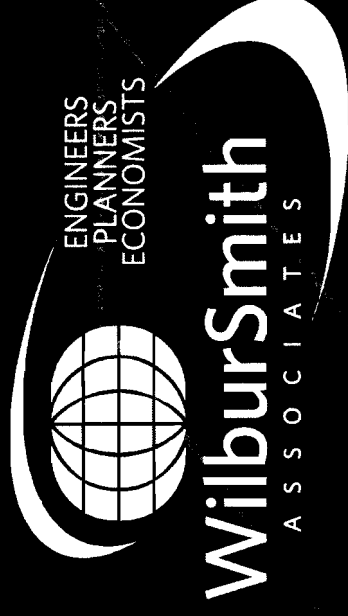
- Extensive Experience with Thoroughfare Planning
- Experienced and Available Staff
- Local Support with HKB
- Local Knowledge from Previous Studies
- And Most Importantly

Select WSA

- The Master Street Plan prepared by WSA will be:
 - A product of the community developed with stakeholder input,
 - Technically sound and defensible,
 - Easily understood by the community, and,
 - A valuable tool for local staff to more easily accomplish their jobs.

Master Street Plan

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