

Farmer, Chair
Ellinger, Vice Chair
Gorton
Kay
Ford
Blues
Beard

AGENDA

PLANNING & ZONING COMMITTEE

July 5, 2011
1:00 P.M.

1. Comprehensive Plan Goals & Objectives Update (1-29)
2. Complete Street Presentation (30-41)
3. Items Referred to Committee (42)

“Planning & Zoning Committee, to which should be referred matters relating to the Division of Planning and including, but not limited to, matters relating to housing, infill & redevelopment, purchase of development rights and Historic preservation, and any related partner agencies.”

-Council Rules & Procedures, Section 2.102(1)

Effective January 1, 2011. Adopted by Urban County Council October 14, 2010

Committee Schedule
September 13
November 1
December 6

DRAFT 2012 Comprehensive Plan Mission Statement and Goals and Objectives

The Urban County Planning Commission developed a draft Mission Statement and Goals and Objectives for the 2012 Comprehensive Plan between January and May, 2011. On May 26, 2011, the Planning Commission consented to post the Draft for public review and comment.

Please feel free to contact the staff with any questions or comments related to this Draft or other issues for the 2012 Comprehensive Plan. Our contact information is on the Web site and at the end of this document. All comments and suggestions will be reported to the Planning Commission.

A public hearing to adopt a draft and forward it for consideration to the Urban County Council will take place later in the summer. The Council will likely consider a draft for several months thereafter. You are encouraged to monitor the Web site for announcements of public input meetings and hearings. You can also be added to our contacts list for Email notification.

Thank you for your interest in the 2012 Comprehensive Plan.

DRAFT Mission Statement

The 2012 Comprehensive Plan seeks to provide flexible planning guidance to ensure that development of our community's resources and infrastructure preserves the quality of life, fosters regional planning and economic development, and aids in the attraction and retention of companies and creative entrepreneurial professionals. This will be accomplished while protecting the environment, promoting successful neighborhoods, and preserving the unique bluegrass landscape that has made Lexington-Fayette County the Horse Capital of the World.

DRAFT Goals and Objectives

Theme: Growing Successful Neighborhoods

Goal

1. Expand housing choices.
 - Pursue incentives and regulations that encourage creativity in housing development
 - Plan for housing that addresses the market needs for Lexington, including mixed-use, housing near employment and commercial areas, and housing for older citizens, while providing safe and low-cost housing for Lexington's vulnerable citizens

DRAFT 2012 Comprehensive Plan Mission Statement and Goals and Objectives

- Develop or provide housing incentives that promote higher density and affordable housing that will strengthen the opportunity for economic development, new businesses, and jobs, including the creative class
2. Support infill and redevelopment throughout the Urban Service Area as a strategic component of growth.
 - Identify areas of opportunity for appropriate infill and redevelopment utilizing adaptive reuse and design features whenever possible while preserving historic structures and streetscapes
 - Develop an accessible land bank process that facilitates new development
 - Create educational materials that explain the benefits and process for infill and redevelopment
 3. Provide well-designed neighborhoods and communities for the ages.
 - Enable existing and new neighborhoods to flourish through improved regulation and public commitment, including the options for mixed-use and mixed-type housing throughout Lexington
 - Strive for positive and safe social interactions in neighborhoods, including neighborhoods that are connected for cars and pedestrians
 - Minimize disruption to natural features when building new communities

Theme: Protecting the Environment

Goal

1. Work toward the complete implementation of the Consent Decree as directed by the Environmental Protection Agency.
2. Reduce Lexington's carbon footprint.
 - Implement the adopted Climate Action Plan
 - Anticipate the community's needs within the capacity of available natural resources
 - Provide incentives for green building, sustainable development, and transit-oriented development
3. Support the funding, planning, and management of a green infrastructure program.
 - Identify and protect natural resources and landscapes before development occurs
 - Incorporate green infrastructure principles in new plans and policies, including land use and transportation

DRAFT 2012 Comprehensive Plan Mission Statement and Goals and Objectives

Theme: Creating Jobs and Prosperity

Goal

1. Support and showcase local assets to further job creation.
 - Strengthen regulations and policies that propel the agricultural economy, including local food production and distribution, agri-tourism, and the equine industry that showcases Lexington as the Horse Capital of the World
 - Collaborate with institutions of higher learning to foster a capable and skilled work force while engaging agencies that address the lack of prosperity for citizens by reducing joblessness
 - Foster the success and growth of large employment sectors, protect economic development land to meet the needs for high paying jobs, and enable infill and redevelopment that creates jobs where people live
2. Create opportunities that attract the world's finest and best jobs.
 - Identify and promote sectors of the economy that will flourish in Lexington, including improving opportunities for small business development and workers who rely on personal technology
 - Review and improve regulations and policies that attract and retain high paying jobs through close collaboration with agencies that focus on economic development, including the Urban County Government and Commerce Lexington
 - Provide entertainment and other quality of life opportunities that draw young professionals to Lexington

Theme: Improving a Desirable Community

Goal

1. Encourage an effective and comprehensive transportation system.
 - Implement the Complete Streets program, which includes the design and full use of the right-of-way for cars, bicycles, and pedestrians, among many other considerations
 - Develop viable transportation alternatives for residents and commuters
 - Improve traffic operation strategies
2. Provide community facilities and services to meet the needs of Lexington's citizens.
 - Encourage public safety and social sustainability by providing incentives for Secured by Design-certified developments, which include voluntary standards for the built and natural environments of neighborhoods that help deter crime

**DRAFT 2012 Comprehensive Plan
Mission Statement and Goals and Objectives**

- Provide a range of community facilities and services for improved health, safety, and quality of life
- Maintain a supportive relationship with educational and health care institutions

Theme: Planning for Lexington; Planning with the Bluegrass

Goal

1. Engage the citizens of Lexington in the Planning process.
 - Pursue all venues of communications, including electronic and social networking, to involve citizens
 - Establish early and continuous communication with citizens
 - Develop a network of diverse contacts and a means to engage them
2. Implement the *2012 Comprehensive Plan*.
 - Develop and update a work program for the *2012 Comprehensive Plan* that can be measured and analyzed
 - Provide a public report about the progress of implementation
3. Increase regional planning.
 - Compel other agencies in Fayette County to comply with local development standards
 - Engage leaders in surrounding communities about issues related to planning
 - Support legislative efforts and cross-border actions that improve regional planning

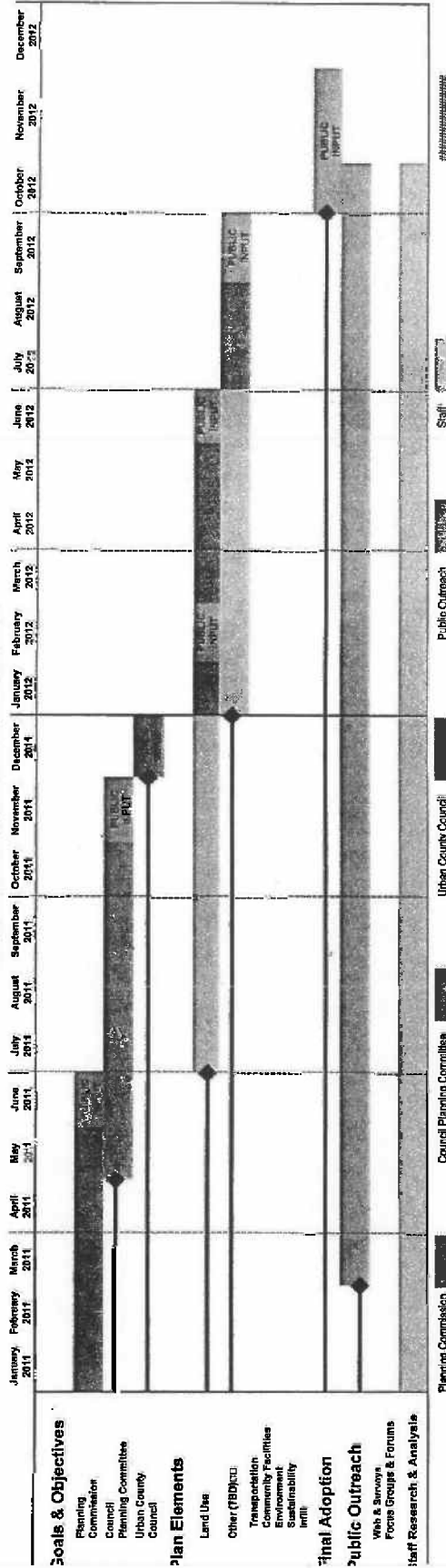
Contact the Division of Planning

planningmailbox@lexingtonky.gov

859.258.3160

Division of Planning
Lexington-Fayette Urban County Government
101 East Vine Street, Suite 700
Lexington, KY 40507

2012 Comprehensive Plan - Generalized Schedule



Goals & Objectives

- Planning Commission
- Planning Committee
- Urban County Council

Plan Elements

- Land Use
- Other (TBD)
- Transportation
- Community Facilities
- Environment
- Sustainability
- Waste

Final Adoption

- Public Outreach
- Web & Surveys
- Focus Groups & Forums
- Staff Research & Analysis

GOALS AND OBJECTIVES

MISSION STATEMENT

The mission of Lexington-Fayette Urban County Government's planning efforts is to provide a vision for physical development that will allow Lexington-Fayette County to grow and prosper, promoting economic development and viable job development while preserving the quality of life that makes it a desirable place to work and live and protecting and enhancing existing neighborhoods, downtown, and the rural Bluegrass cultural landscape.

VISION FOR LEXINGTON-FAYETTE COUNTY

As the urban center of the Bluegrass Region, Lexington-Fayette County's vision is closely linked to what has been described as an ideal pattern of land use and urban design within its metropolitan regional setting. Lexington, as a compact urban center, is surrounded by a cherished and unique rural landscape and is rimmed by relatively compact smaller communities, each with its own distinctive character.

The built areas of Lexington-Fayette County are a collection of diverse neighborhoods with individual identities and characteristics encircled by general agricultural and thoroughbred horse farms. These neighborhoods are the building blocks of community throughout urban and rural areas. It is through these neighborhoods and rural settings that Lexingtonians experience an uncommon quality of life every day. Each neighborhood has value for Lexington, and all neighborhoods should be healthy, vibrant, and desirable places to live.

The challenge of planning efforts will be to sustain this extraordinary development pattern while preserving, enhancing, and allowing for redevelopment of the built environment and maintaining a high quality of life for current and future residents. The following Comprehensive Plan themes will enhance this effort:

- Promoting the myriad components that strengthen the viability of downtown, including professional and commercial uses, cultural and recreational activities, and new and existing housing.
- Implementing infill and redevelopment strategies that expand residential and commercial opportunities; are appropriate in character and design; and complement and reinforce the fabric of the neighborhood.
- Preserving horse farms, rural settlements, and rural Bluegrass landscapes by balancing agricultural and urban area needs in a manner that maintains a viable economy while retaining the strong sense of place that is Lexington and the Bluegrass.
- Enabling the creation, growth, and retention of jobs that promote a strong, progressive, and diversified urban and rural economy.
- Developing a green infrastructure system with open space, facilities, and amenities that serves all citizens and helps create a sense of community.
- Preserving, protecting, and maintaining existing residential neighborhoods in a manner that ensures stability and the highest quality of life for all residents.
- Ensuring the availability of well-designed, affordable housing in an aesthetically satisfying environment, including housing opportunities in all price ranges that meet the needs of all citizens.
- Providing infrastructure improvements to fully serve existing developments, to accommodate current growth, to plan for long-term future urban needs, and to enhance the high quality of life in Lexington.



COMPREHENSIVE PLANNING PROCESS

Comprehensive planning is a systematic and continuing appraisal of the Urban County Government's opportunities with the purpose of guiding and coordinating public and private actions to produce an improved pattern of urban development. Lexington's comprehensive plans reflect the best thinking of the Urban County Government and its citizens about these development opportunities and overall development policies at a current point in the planning process. This process is a continuing program of study, discussion, coordination, and direct action intended to provide perspective and understanding to both long-range and short-range decision making. This is an open-ended process that must be responsive to changing conditions. As a result, this plan, which looks 20 years and beyond, is reviewed and re-evaluated every five years to assure the continuing relevance of the Goals and Objectives.

Land use planning is comprehensive in at least three ways. First, it involves both the short- and long-term time intervals. Second, though centered on physical development and guidance of physical change and impact, a comprehensive plan must give appropriate weight to social and economic factors. Third, though primarily a guide for local action, there must be careful consideration of regional implications.

While traditional comprehensive planning attempts to understand and assess Lexington-Fayette County as an urban and rural system, this plan also incorporates elements of strategic planning wherein achievable objectives over the first five years of the plan are identified in the Implementation chapter. In short, within the plan's long-range framework, it will incorporate certain strategic planning concepts that blend the best aspects of traditional planning and strategic action-oriented planning.

GOALS STATEMENT

The vision of Lexington-Fayette County is directly related to the goals in the *2007 Comprehensive Plan*. The goals create a vision of the physical development and quality of life the community hopes to achieve. While each goal is a worthwhile statement of purpose, all the goals are meant to be viewed holistically as a systematic approach to making Lexington-Fayette County an even better community. The goals are further clarified through a series of objectives or specific means of action to accomplish this agreed upon Lexington-Fayette County vision.

To assure that the intent of the *2007 Comprehensive Plan* is followed, recommendations on proposed land use or other plan elements should be based upon this plan in its entirety, including the Goals and Objectives, Land Use, Green Infrastructure, Community Facilities, Housing and Neighborhoods, Transportation, and Implementation. Individual elements of this plan should not be consulted exclusively. Accordingly, the Goals and Objectives should be viewed comprehensively. Efforts have been made to minimize the repetition of Objectives under multiple Goals, placing the Objective only under the most relevant Goal. Use of these Goals and Objectives in future land use planning decisions should reflect the breadth of the Goals and Objectives as a whole.

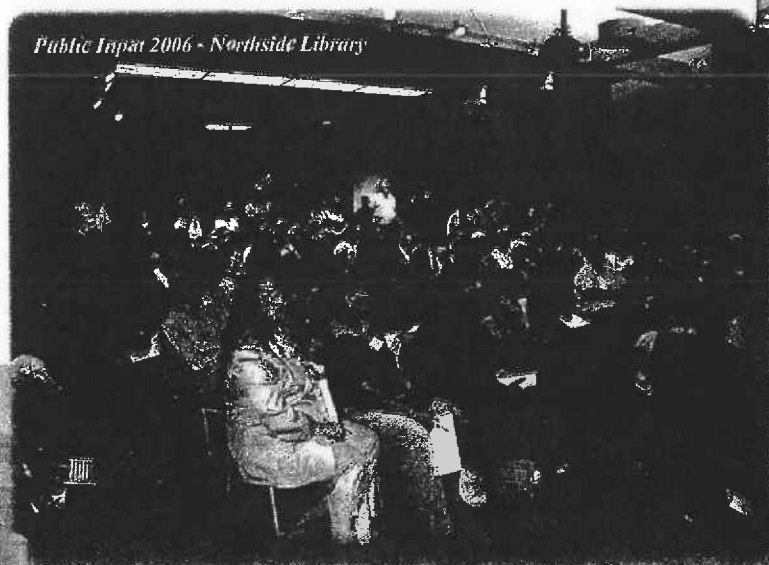
The *2007 Comprehensive Plan* in its entirety is the single formal document in which major development goals, objectives, and plan elements are brought together and coordinated. The following Goals and Objectives frequently refer to land use development concepts and functional planning areas for Lexington-Fayette County. Used in conjunction with other goals, objectives, and plan elements, they shape land use decision-making and guide future development. The Goals and Objectives, however, are not intended to dictate specific land uses and zoning categories.



GOAL 1. Provide planning processes which enable widespread citizen participation and benefit Lexington-Fayette County.

OBJECTIVES:

- A. Provide an ethically sound decision-making environment for planning and zoning; ensure that the planning process is open and accessible, efficient and effective.
- B. Encourage active citizen participation in planning processes from all segments of the community.
- C. Use all available technology to enable dissemination of public information and enhance opportunities for citizen participation; consider alternative formats for public input and communication to ensure a well-informed public.
- D. Work with citizen-based neighborhood organizations that encourage and enable neighborhood self-management and improvement.



GOAL 2

REGIONAL PLANNING

GOAL 2. Promote regional planning and coordination throughout the inner Bluegrass Region.

OBJECTIVES:

- A. Promote cooperation among local planning commissions, local governments, the Metropolitan Planning Organization, and the Regional Planning Council, including sharing information and data bases and increasing awareness of regional planning, environmental issues, and alternative growth management techniques.
- B. Develop and adopt a regional plan with local land use policies that enhance the positive aspects of growth for the region; encourage more efficient use of land; maintain identities of individual communities; and preserve the agricultural core, the natural resources, and the cultural landscape of the Bluegrass Region.
- C. Study alternative organizational structures for regional land use and transportation planning efforts.
- D. Pursue intergovernmental planning processes and integrated land use, transportation, sanitary sewers, and storm water planning of potential development along each of Fayette County's borders and the radial arterial road corridors connecting adjacent counties with Lexington.
- E. Study a diverse range of transportation improvements to meet long-range, inter-county transportation needs, linking transportation proposals with growth management controls to ensure efficient traffic movement and responsible planning.
- F. Encourage intergovernmental regional planning processes for the development of parks, greenspace, viewsheds, and greenways, including bikeway opportunities.
- G. Pursue greater planning, cooperation, and coordination with entities of state and federal government to ensure that governmental land uses not subject to local zoning control do not unduly burden Urban County Government infrastructure or adversely impact land uses in the general vicinity.
- H. Participate in planning activities related to expansion and construction projects at the Blue Grass Airport.
- I. Consult with command authorities at Blue Grass Army Depot in Madison County to determine the needs of the installation as they relate to installation expansion, environmental impact, installation safety, and air space usage, to include noise and air pollution and air safety, to minimize conflict between the installation and the residential population in Fayette County.

ENVIRONMENTAL FRAMEWORK

GOAL 3. Promote land uses that are sensitive to the natural and built environment.

OBJECTIVES:

- A. Protect and secure rural open space and scenic vistas, particularly in environmentally sensitive and physically unique areas.
- B. Promote design quality, compatibility, and preservation of existing significant structures and areas.
- C. Monitor and minimize air, water, visual, noise, and artificial light pollution.
- D. Protect or promote proper use and maintenance of natural areas and resources and their biodiversity.
- E. Preserve, protect, and maintain soils, existing trees, tree stands, and other plant life; natural drainage ways, creeks, and springs; and environmentally sensitive areas such as sinkholes and steep slopes from severe intrusion, alteration, or destruction during urban development.
- F. Use available natural and built resource inventories and environmental impact analyses to help determine land use plans.
- G. Ensure that the appropriate facilities and structures are used to accommodate surface drainage in a manner that recognizes their effects on underground drainage and are consistent with the desire to improve water quality.
- H. Strengthen street design and current landscape regulations to enhance the visual quality, improve screening and buffering along Urban Service Area corridors, and promote compatible land use relationships.
- I. Protect all parts of Fayette County from toxic or potentially toxic emissions; consider existing emission levels when determining locations for new industrial uses; and ensure that no single geographic area bears a disproportionate emissions burden.

GOAL 3¹⁰

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GOAL 4

GREENSPACE PLAN

GOAL 4. Develop and implement a greenspace system that preserves the urban and rural identity of Fayette County and provides a framework for regional and local planning.

OBJECTIVES:

- A. Use the Greenspace Plan as a basic framework for balancing development to protect and enhance Fayette County's natural resources, biodiversity, environmentally sensitive areas, wildlife corridors, historic and cultural areas, and to preserve urban and rural landscapes.
- B. Create plans, programs, and regulations that recognize and manage open space and the natural environment (green infrastructure) as a comprehensive, vital system that encompasses a multitude of environmental, social, and economic functions.
- C. Protect and enhance natural areas and improve biodiversity of native flora and fauna throughout Fayette County.
- D. Preserve, protect, and enhance the greenspace elements that give the Bluegrass Region its unique identity, including biologically diverse natural areas, scenic vistas and corridors, places of historic and cultural significance, environmentally sensitive areas, geologic hazard areas, and riparian areas.
- E. Implement the *Greenway Master Plan*.
- F. Preserve, protect, and enhance the character of significant transportation corridors throughout Fayette County, providing for appropriate open space, setbacks, and landscaping as well as multi-purpose transportation needs.
- G. Increase, preserve, and enhance open space for passive and active recreational, educational, and economic opportunities.
- H. Encourage cooperation and communication throughout the Bluegrass Region in order to promote greenspace, environmental protection, and land conservation.
- I. Promote sensitivity to wildlife.
- J. Continue to implement the Reforest the Bluegrass program by annually identifying an appropriate stream corridor, open space, neighborhood area, or significant street, and planting a large number of trees.

GOAL 5. Protect and preserve Fayette County's significant historic and cultural heritage.

OBJECTIVES:

- A. Use the Long-Range Preservation Plan as a resource to assist in balancing development and protecting and enhancing Fayette County's historic and cultural resources.
- B. Preserve, protect, and enhance the natural and cultural landscape that gives the Bluegrass Region its unique identity and image.
- C. Encourage protection of significant historic resources and archeological sites by documenting and/or designating historic districts and historic landmarks.
- D. Encourage renovation, restoration development, and maintenance of historic residential and commercial structures.
- E. Encourage the retention, protection, and compatible adaptive re-use of historic resources, sites, and structures.
- F. Encourage the development of incentives for the retention, restoration, preservation, or continuation of historic uses of historic sites, historic structures, rural settlements, and urban and rural neighborhoods.
- G. Encourage citizen education about the importance of Fayette County's historic resources.
- H. Encourage inter-governmental cooperation among the various units of the Urban County Government in dealing with the protection and maintenance of both private and public sites and structures.
- I. Encourage continued historic and cultural contributions by and partnerships with local and regional institutions of higher learning.
- J. Limit land use in rural settlements to the recommendations of the 2007 *Comprehensive Plan* or amendments to the 2007 *Comprehensive Plan*.



— Restored Historic Home - Woodland Park

GOAL 6

GOAL 6. Maintain and enhance the agricultural economy, horse farms, general agricultural farms, and rural character in the Rural Service Area.

OBJECTIVES:

- A. Continue to fund and implement the Purchase of Development Rights program.
- B. Consider the location of Purchase of Development Rights easements or other interests designed to preserve and manage agricultural, rural, and natural lands when deciding whether and where to adjust the Urban Service Area boundary.
- C. Use the *Rural Service Area Land Management Plan* as a framework for balancing development and protecting and enhancing Fayette County's rural resources and preserving the rural landscape.
- D. Protect, preserve, and enhance the rural characteristics and agricultural productivity of agricultural land.
- E. Encourage public and private investment in rural economic development through support of agricultural markets and value-added agriculture production.
- F. Build upon the land capability analysis inventory portion of the *Rural Service Area Land Management Plan* by monitoring changes in use of prime farmland and farmland of statewide importance and developing appropriate enhancement and protection mechanisms.
- G. Preserve adequate land for the equine industry; protect equine operations from encroachment; and promote future equine industry growth in the region.
- H. Support and encourage existing horse breeding and racing operations and encourage expanded capital investment and new farm development as tools for local and international investment and economic development.
- I. Buffer rural land and activities, including greenspace, from the impact of new urban development by requiring the provision of a landscape and security buffer along and inside the Urban Service Area and Rural Activity Center boundaries to minimize the adverse short- and long-term effects of development on existing or potential farms and other greenspace.
- J. Discourage residential development that is unrelated to agriculture in the Rural Service Area.
- K. Maintain rural roads with minimal improvements in rural areas as noted in the *Rural Service Area Land Management Plan*, and manage rural growth opportunities so as to minimize negative impacts on rural roads.
- L. Develop a strategy along with land use and design policies that recognize the historic significance of the rural settlements identified in the *Rural Service Area Land Management Plan* and ensure the protection and preservation of these areas from incompatible infill and redevelopment.
- M. Foster compatibility between the rural settlements and adjacent agricultural land uses through the land use planning process.

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GROWTH MANAGEMENT STRATEGIES

GOAL 7. Support and uphold the Urban Service Area concept and related growth management strategies.

OBJECTIVES:

- A. Support development of the Urban Service Area as planned, reserving the Rural Service Area for the uses and activities outlined in the *Rural Service Area Land Management Plan*.
- B. Develop and implement land use planning principles that promote and reinforce human interaction and the formation of communities.
- C. Support appropriate maintenance, development, redevelopment, and rehabilitation of housing and public facilities in accordance with the *2007 Comprehensive Plan*.
- D. Balance the need for an adequate supply of developable land to accommodate anticipated long-term growth with the need to preserve and protect existing neighborhoods, the built environment, and the Rural Service Area; use the recommendations of the *Rural Service Area Land Management Plan* and the Urban Service Area Boundary criteria (please see Appendix) whenever considering boundary modification.
- E. Encourage new development to be compact and contiguous.
- F. Evaluate the costs and impacts of future urban development alternatives, and propose preferred means for guiding the future development of the entire County.
- G. Evaluate the latest population, housing, and employment trends and projections and establish long-term desired land use relationships to guide physical planning decisions.
- H. Promote established employment areas at locations where public facilities are adequate for the anticipated uses, which are accessible to arterials and employees, which are appropriate for the uses, and which create balanced opportunities at various locations in Lexington-Fayette County.
- I. Create balanced employment opportunities and higher intensity residential and non-residential uses that are compatible with existing developed areas.
- J. Assure that development maximizes efficient use of existing adequate essential facilities or occurs only where essential facilities are planned and programmed to reasonably coincide with the occurrence of development.

GOAL 7¹⁴

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GOAL 8

GOAL 8. Create strategies that enable and encourage appropriate infill and redevelopment of established developments and neighborhoods.

OBJECTIVES:

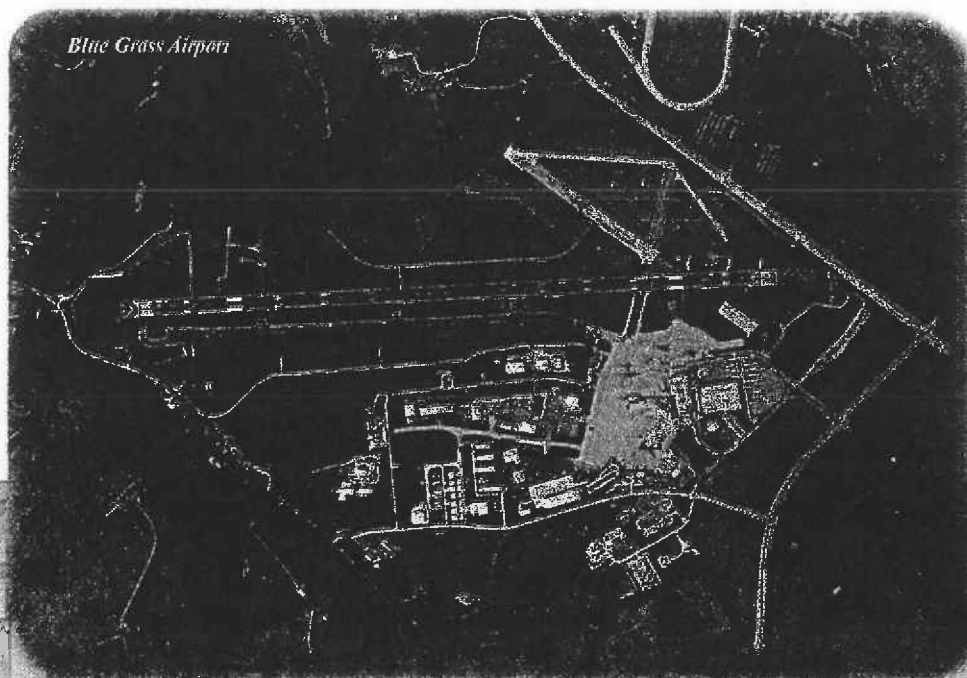
- A. Fund and implement the core Infill and Redevelopment strategies outlined in the adopted Infill and Redevelopment community plan including: regulatory improvements, program facilitation, incentives development, neighborhood planning, and public education.
- B. Continue to review and revise existing zoning and subdivision regulations on an ongoing basis to ensure they are conducive to infill and redevelopment, including streamlining the development review process.
- C. Identify infill and redevelopment areas where infrastructure improvement efforts should be targeted.
- D. Create and implement urban development incentives for infill and redevelopment for established developed areas that are within the defined Infill and Redevelopment area and at appropriate locations outside the area.
- E. Encourage the rehabilitation and adaptive reuse of all existing underutilized buildings to the greatest extent feasible.
- F. Create strategies for new neighborhood centers and businesses that are compatible with and support existing residential areas.
- G. Revitalize and enhance existing neighborhood centers and businesses.
- H. Ensure that infill and redevelopment projects are compatible with and complementary to existing development.
- I. Balance the need to accommodate infill and redevelopment in Lexington's older areas with the need to preserve the essential character of historic districts.
- J. Ensure that necessary infrastructure improvements accompany all infill and redevelopment projects.
- K. Rehabilitate, maintain, and improve existing infrastructure that supports infill and redevelopment, particularly in underserved areas and projects targeted for affordable housing.
- L. Encourage infill and redevelopment in locations where adequate urban services and infrastructure are in place or planned.
- M. Support neighborhood planning processes that encourage active neighborhood participation and involvement in infill and redevelopment activities.
- N. Design and support programs aimed at converting vacant lots into residential housing.

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GOAL 9. Maintain the boundaries and manage the land use in established Rural Activity Centers.

OBJECTIVES:

- A. Recognize the unique characteristics and history of the four established Rural Activity Centers.
- B. Create no new Rural Activity Centers.
- C. Limit Rural Activity Centers to the existing boundaries, except for consideration as a part of the comprehensive plan or a small area plan process and upon consideration of issues outlined in the *Rural Service Area Land Management Plan*, including land needs, traffic, adequacy of sewers, and other pertinent factors.
- D. Limit land uses in Rural Activity Centers to the recommendations of the 2007 *Comprehensive Plan*.
- E. Plan for future land uses of Rural Activity Centers that are consistent and compatible with Rural Service Area uses.
- F. Assure that the Blue Grass Airport Rural Activity Center continues to meet the aviation needs of Central Kentucky and its service area.
- G. Foster compatibility between the airport and adjacent agricultural land uses, and between the airport and the residential population, especially the maintenance of open space and established communities around the airport.
- H. Protect the agricultural and scenic characteristics of the surrounding land.
- I. Consult with command authorities at Bluegrass Station (also know as Avon Rural Activity Center) to determine the needs of the installation as they relate to installation expansion, environmental impact, installation safety, and air space usage, to include noise and air pollution and air safety, to minimize conflict between the installation and the residential population.



GOAL 10

T O U R I S M E M P L O Y M E N T

EMPLOYMENT

GOAL 10. Preserve, promote, and enhance those aspects of the natural, built, and cultural environment that encourage tourism.

OBJECTIVES:

- A. Recognize various types of tourism as significant and desirable components of the local economy and encourage the preservation of the cultural, historic, ecological, and agricultural resources upon which they are based.
- B. Encourage and promote the vital role of the equine industry and its related industries in tourism and tourism development.
- C. Provide leadership and support for the development and implementation of plans related to the 2010 World Equestrian Games.
- D. Identify, protect, and encourage the development of appropriate attractions and supporting uses that promote and enhance tourism and tourism development.
- E. Identify, protect, and enhance Fayette County's role in regional tourism.
- F. Promote and enhance facilities and activities in and around the Downtown area necessary to support and attract tourism.
- G. Promote and enhance existing tourist attractions, including interpretive and public information facilities, historic markers, and similar systems.
- H. Identify and provide for the future location of anticipated or desired potential major cultural and tourism-related uses.
- I. Create an overall graphic design and street graphic system for Lexington-Fayette County that complements and reinforces the unique identity and image of the region.
- J. Protect and enhance rural scenic corridors from visual evidence of suburban development, providing for appropriate open space, setbacks, and landscaping both in rural areas and affected urban locations.
- K. Protect and enhance urban scenic corridors.
- L. Develop strategies with input from residents to promote and enhance the tourism potential of the rural settlements identified in the *Rural Service Area Land Management Plan*.

GOAL II. Provide diverse business and employment opportunities for Lexington-Fayette County.

OBJECTIVES:

- A. Encourage expansion of agricultural employment opportunities.
- B. Create and enhance partnerships among the Urban County Government, the University of Kentucky and other post-secondary educational institutions, and the business community that encourage high wage business development, specifically technology and knowledge-based economic development opportunities.
- C. Encourage retention and expansion of existing local industries and businesses.
- D. Attract new job-creating capital investment to Lexington and the region.
- E. Devote economic development resources equitably, assisting existing firms as well as attracting new ones.
- F. Provide for workforce development by increased training and employment opportunities for those segments of the County with chronic unemployment.
- G. Encourage employment opportunities that lead to full and equal employment for all citizens, including Lexington's poor.
- H. Permit only economic development activities that are consistent with and complementary to the protection of the built and the natural environment and human resources.
- I. Provide essential employment areas that are compatible with residential neighborhoods and Lexington-Fayette County as a whole.
- J. Encourage revitalization and/or reuse of underutilized employment centers.
- K. Identify long-range strategies for economic development that reflect the comparative advantage of Lexington and the region.
- L. Allow greater flexibility within commercial, office, warehouse, and industrial areas within the Urban Service Area and Rural Activity Centers where these uses will not conflict with residential and agricultural uses.
- M. Encourage economic development that will provide residents with economic opportunities that sustain adequate income and generate sufficient public revenue for equitable and adequate services and facilities.
- N. Provide for additional home-based businesses in a manner compatible with the character and quality of the surrounding neighborhood.
- O. Analyze manufacturing and light industrial areas for availability and appropriateness and address future land use needs for high quality manufacturing and light industrial jobs in accessible locations.
- P. Encourage diverse modes and routes of transportation opportunities between employment sites and residential concentrations.
- Q. Work as a partner with local institutions of higher learning as they expand their workforces.

*GOAL II*¹⁸

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GOAL 12

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GOAL 12. Ensure the desirability, diversity, and vitality of downtown.

OBJECTIVES:

- A. Support the adoption and implementation of a downtown master plan as an element of the *2007 Comprehensive Plan*.
- B. Build upon the strengths of existing businesses and solicit new uses and activities, including residential development that will improve the vitality of downtown for commerce, culture, entertainment, and neighborhoods.
- C. Strengthen and enhance the relationships between downtown businesses and the public and private universities and colleges that foster cultural, entertainment, commercial, and residential activities in and around downtown.
- D. Encourage the creative adaptive re-use of downtown buildings to accommodate the needs of businesses and entrepreneurial enterprises.
- E. Promote sufficient hotel, retail, and office space within the downtown area to meet a significant percentage of the overall needs of the County.
- F. Promote and enhance downtown as a desirable housing center through the reuse of existing structures, mixed-use development, and/or higher density development.
- G. Preserve and protect the historic and cultural resources of the downtown area.
- H. Foster public-private efforts to maintain, rehabilitate, and redevelop downtown.
- I. Recognize and preserve significant architectural features and encourage new construction to be compatible with these significant features.
- J. Implement creative efforts to enable more housing in the downtown area; encourage the creation of more downtown residential uses through new construction, restoration, adaptive re-use, and redevelopment that are compatible with surrounding land uses and design.
- K. Encourage maximum use of the Downtown Transit Center site.
- L. Develop more efficient and safer pedestrian and vehicular access to and within the downtown area from all directions to more effectively promote its use as a regional attraction.
- M. Enhance existing downtown open spaces and improve pedestrian connections.
- N. Review and consider amending the current regulations to accommodate additional bed and breakfast establishments in existing structures in the downtown area, in a manner that continues to protect existing neighborhoods and promotes preservation of historic structures.
- O. Streamline the development process for downtown projects.

COMMUNITIES AND NEIGHBORHOODS

GOAL 13. Provide housing opportunities to meet the needs of all citizens.

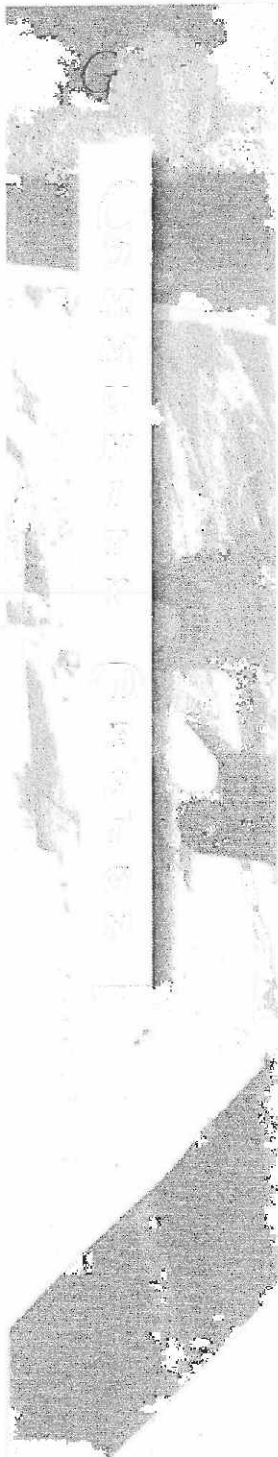
OBJECTIVES:

- A. Offer sufficient choice of decent and safe housing for citizens of all income levels in all areas of Lexington.
- B. Support Fair Housing principles and practices.
- C. Provide for a wide range of lifestyles and economic opportunities for all residents, including the elderly, and do so in a manner which is affordable and cost effective.
- D. Promote a variety of housing types for households with children throughout the Urban Service Area to encourage diversity in all schools.
- E. Provide increased opportunities for and reduce impediments to home ownership.
- F. Provide land for residential uses of all types in sufficient amount and locations within the Urban Service Area to adequately meet the projected population growth of Fayette County.
- G. Encourage the rehabilitation, reuse, and adaptive reuse of structures for residential purposes in existing neighborhoods, including underutilized public and commercial buildings.
- H. Encourage a variety of residential densities that respect the character of existing neighborhoods and developments, and are consistent with adopted plans.
- I. Encourage infill housing opportunities where compatible with existing areas and where services and infrastructure problems will not be exacerbated.
- J. Update and improve building and development codes and regulations to allow the most efficient and innovative construction methods, materials, and technology, and to comply with all applicable federal accessibility regulations.
- K. Create incentives at employment centers throughout the Urban Service Area that encourage people to live near their work.
- L. Consider making surplus public land that is compatible for residential development available for affordable housing.
- M. Incorporate principles from the *Expansion Area Master Plan* throughout the Urban Service Area, including expanding incentives to promote the creative development of affordable housing consistent with the character of existing neighborhoods.

GOAL 13 ²⁰

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Q.1. Write the name of the following and give their main functions.

Answer:

1. Brain - It is the main part of the nervous system. It controls all the activities of the body.
2. Spinal Cord - It is a long, thin, tube-like structure that runs down the back. It carries messages between the brain and the rest of the body.
3. Nerve - It is a bundle of fibers that carries messages between the brain and the rest of the body.
4. Receptor - It is a part of the nervous system that receives information from the environment.
5. Effector - It is a part of the nervous system that carries out the response.
6. Reflex Action - It is an automatic response to a stimulus.
7. Instinctive Behaviour - It is a behaviour that is inherited and does not require learning.
8. Acquired Behaviour - It is a behaviour that is learned from experience.
9. Conditioned Reflex - It is a reflex that is learned from experience.
10. Unconditioned Reflex - It is a reflex that is inherited and does not require learning.

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GOA COMPREHENSIVE PLAN

GOVERNMENT OF GOA

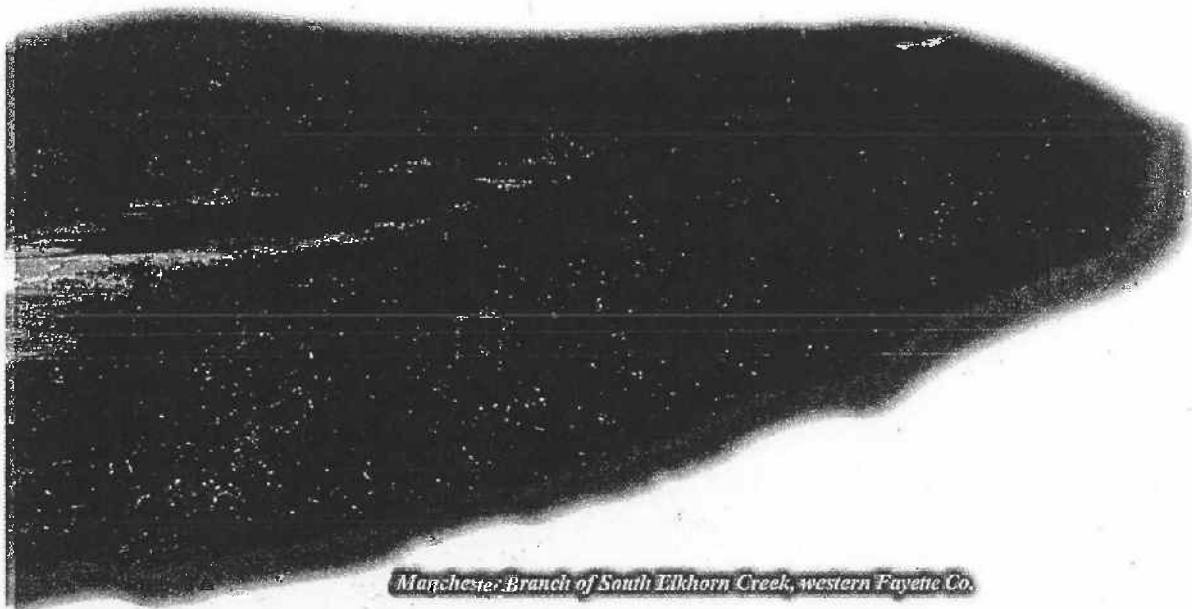
1. The Government of Goa, in exercise of its powers, hereby declares that the Comprehensive Plan for the State of Goa, 2007, is hereby approved.
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FACILITIES AND SERVICES

GOAL 17. Conserve, protect, and develop ground and surface water resources to meet the long- and short-term water supply needs.

OBJECTIVES:

- A. Coordinate *2007 Comprehensive Plan* analyses and recommendations with water supply and infrastructure needs and issues addressed in the Fayette County 20-Year Comprehensive Water Supply Plan.
- B. Protect and enhance the overall quality of the stream and river corridors and aquifer recharge areas in both urban and rural areas.
- C. Preserve natural water storage and retention systems.
- D. Work closely with organizations and agencies that address water quality and supply, as well as surrounding communities, to ensure responsible regional solutions to the future water supply, including contingencies during droughts.
- E. Ensure there is a continual source of potable groundwater from the Royal Spring water system for Scott and Fayette County residents.
- F. Reduce water usage through the implementation of long-term conservation measures.
- G. Improve coordination and planning between the private and public sectors to provide an adequate and effective water supply.



Manchester Branch of South Elkhorn Creek, western Fayette Co.

GOAL 17

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GOAL 18

GOAL 18. Provide and maintain essential public services and facilities.

OBJECTIVES:

- A. Ensure public services and facilities are adequate and equitably distributed.
- B. Plan and program land acquisition and the installation of all essential public facilities, including but not limited to roadway needs, to reasonably coincide with the occurrence of development.
- C. Maintain existing infrastructure and levels of service, and establish standards for timely maintenance, repair, and replacement needed for expansion.
- D. Balance capital improvement expenditures between existing and new developments.
- E. Make adequate the essential public facilities serving existing neighborhoods, underutilized employment centers, and economic development sites to more fully realize the potential of these areas.
- F. Work as a partner with the University of Kentucky to ensure the provision of adequate infrastructure and other public services as UK implements its Top 20 Business Plan.
- G. Maintain a supportive relationship, open communication, and close coordination with Fayette County Public Schools regarding their facility and infrastructure needs.
- H. Develop mechanisms that facilitate site acquisition and school construction that best meet the needs of Lexington-Fayette County and the requirements of the Kentucky statutes and regulations.
- I. Provide sanitary sewer service to the entire Urban Service Area through public and private cooperative efforts in financing, easement acquisition, and construction as detailed in the LFUCG 201 Facilities Plan Update.
- J. Upgrade existing sanitary and storm sewer systems and facilities and add new facilities as needed.

West High Street entrance to Lexington Center

GOAL 19. Provide and maintain a comprehensive transportation system.

OBJECTIVES:

- A. Use the transportation and land use planning and development process to continuously monitor, update, and implement the Transportation Plan and to coordinate all aspects with other *2007 Comprehensive Plan* elements.
- B. Encourage a more efficient and interconnected system of streets and highways and promote traffic patterns that provide alternatives to corridor travel.
- C. Build collector road systems as planned.
- D. Promote a safe and efficient transportation network within and between neighborhoods by incorporating traffic calming design and enhancements with interconnectivity of local streets.
- E. Comply with the Clean Air Act of 1990.
- F. Comply with all applicable federal accessibility regulations.
- G. Provide a balanced and coordinated multi-modal transportation system; encourage the use of all viable modes of transportation.
- H. Promote integrated land use and transportation planning.
- I. Encourage and enhance mass transit development and use, including such related infrastructure as transfer facilities, bus shelters, street graphics, and pull-off and acceleration lanes.
- J. Encourage and enhance alternatives to motorized modes of transportation, including biking and walking.
- K. Ensure equitable distribution of transportation facilities and resources for low-income and minority populations, and minimize the inequitable impacts.
- L. Ensure new transportation improvements minimize disruption of neighborhoods and farming operations.
- M. Reduce the demand for single-occupancy vehicles on the highways by the use of transportation demand measures, such as flextime, telecommuting, land use management, and parking controls.
- N. Enhance the visual character of all major transportation routes.

GOAL 19

T R A N S P O R T A T I O N S Y S T E M

GOAL 20

COMMUNITY FACILITIES

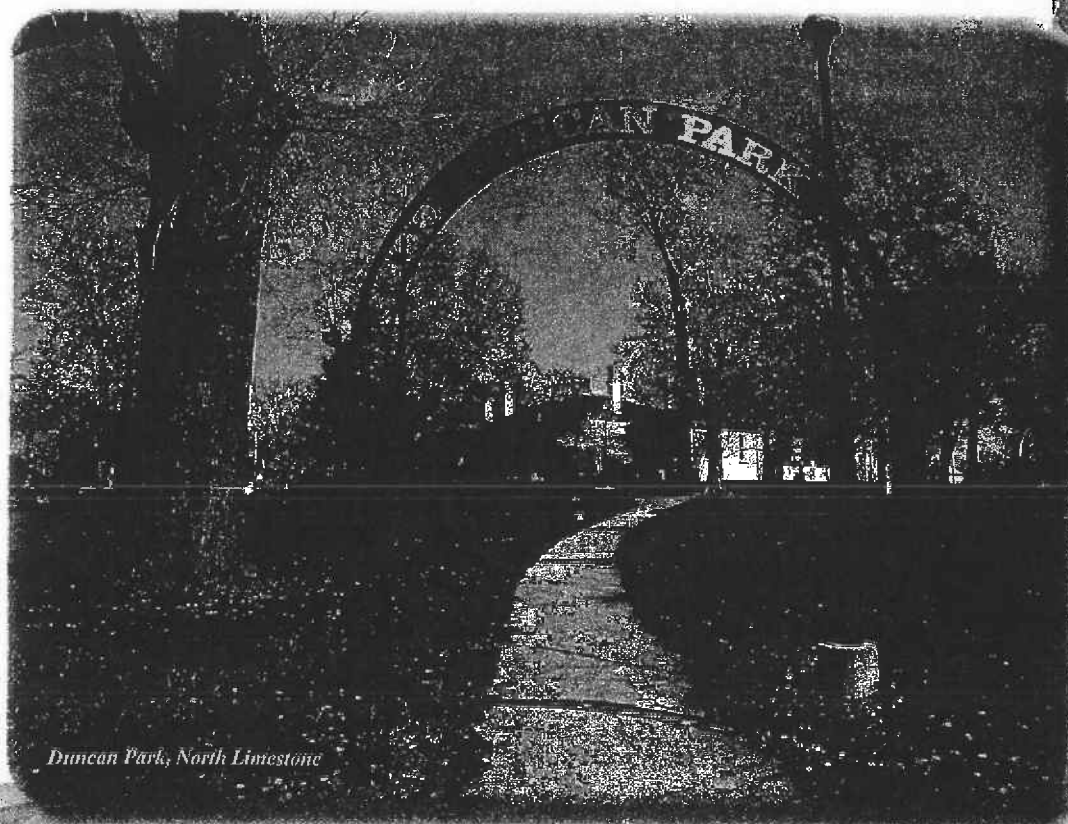
GOAL 20. Provide and maintain a range of community facilities and services.

OBJECTIVES:

- A. Provide each neighborhood with adequate public safety and government service facilities that enhance the character of the existing built environment.
- B. Promote local and regional cultural facilities and activities.
- C. Promote, support, and encourage public art, including adequate funding from both the public and private sectors.
- D. Encourage an adequate and equitable distribution of safe and appropriately located child and adult daycare facilities and group residential care facilities and services throughout the Urban Service Area.
- E. Plan for increased public safety service, including police, fire, and emergency medical services, throughout Fayette County as needed to meet the growing population and changing demographics.
- F. Increase the level of human and social services provided to those citizens who are in need.
- G. Plan for educational facilities to meet the changing needs and capabilities of Lexington-Fayette County through quality academic and vocational programs that will increase the professional or job skill abilities of all citizens.
- H. Coordinate public facility development with other public and private agencies.
- I. Encourage stronger cooperation between the Fayette County Public Schools and the Lexington-Fayette Urban County Government Division of Parks and Recreation, including the use and location of park land, greenspace, greenways, playgrounds, and outdoor classrooms.
- J. Assess the impact of new development or redevelopment on community facilities.
- K. Use the *Comprehensive Parks and Recreation Master Plan* and the 2007 *Comprehensive Plan* elements during the land development process to secure adequate passive and active recreation land and facilities to meet the needs of local neighborhoods and Fayette County as a whole.
- L. Develop and implement plans for permanent preservation of floodplains and other environmentally sensitive sites, which can be evaluated as appropriate for active and passive recreation areas.

GOAL 20. Objectives continued

- M. Develop stronger incentives for private dedication and public acquisition of park land.
- N. Encourage park funding mechanisms to benefit neighborhoods, developers, and Fayette County.
- O. Provide a full range of recreational programs, including the development of interpretive facilities.
- P. Provide adequate opportunities for private nonresidential facilities to satisfy needs, including schools, parks and recreational facilities, hospitals, nursing homes, social service facilities, and churches which serve the public but are privately owned, developed, and maintained.
- Q. Provide street lights in the Urban Service Area to improve safety.
- R. Encourage the development and installation of technology-based infrastructure, including but not limited to: fiber optics, wireless Internet connections, and similar facilities.
- S. Provide all residents, including residents living downtown and in existing neighborhoods, with safe and convenient parks for recreation.



Duncan Park, North Limestone

GOAL 20

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GOAL 21

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NIMPLEMENTATION

GOAL 21. Develop strategies to effectively implement the recommendations of the 2007 *Comprehensive Plan* and other adopted community plans.

OBJECTIVES:

- A. Ensure regulatory procedures are equitable and sensible.
- B. Encourage implementation of the 2007 *Comprehensive Plan* and other adopted plan recommendations by the Urban County Council through plan administration, capital improvement budgeting and programming, federal and state funds leveraging, and other strategies.
- C. Provide growth opportunities consistent with a sound and balanced governmental fiscal budget.
- D. Develop an ongoing monitoring and review process for the 2007 *Comprehensive Plan*, small area plans, the *Expansion Area Master Plan*, and other plans related to land use.
- E. Develop a GIS-based program to track all phases of land development.
- F. Update land use information and monitor the adequacy of Urban Service Area land suitable for supplying the needs for long-term community development.
- G. Evaluate proposals to expand the Urban Service Area using all long-range plans and programs, such as the *Rural Service Area Land Management Plan*, the Rural Service Area Sanitary Sewer Capability Study, the Purchase of Development Rights program, and long-range transportation plans.
- H. Develop mechanisms to ensure implementation of the proposed road network indicated on the future land use maps and local through-street recommendations.
- I. Plan for adequate revenue sources to fund facilities and services that are articulated in plans.
- J. Evaluate whether the development regulations in the Expansion Area can be implemented throughout the Urban Service Area to provide more flexibility in design and create more opportunities for affordable housing, employment, public facilities, and green infrastructure.
- K. Develop a proactive approach that promotes the stringent and systematic enforcement of all locally adopted codes, including but not limited to, zoning, building, and other codes.



June 22, 2011

LFUCG Division of Planning
200 East Main Street
Lexington, KY 40507

Re: Lexington Complete Streets / Draft Submission

Dear Councilmember:

It is a pleasure to submit the draft Lexington Complete Street Manual for your consideration and review. It has been an honor to have participated in a robust planning process with the LFUCG Planning staff and the broad range of stakeholders who brought their passion to the process. The commitment to best practices in transportation planning that the Lexington staff and stakeholders bring are second to none.

This draft is the result of the work of many and because of that broad base of participation it offers a holistic perspective that embraces community health, sustainability, equity, and fiscal responsibility. The plan's sustainable transportation approach is based upon five critical principles:

- Developing a connected street network
- Meeting the functional requirements of streets
- Providing safe facilities for all user groups
- Designing streets as the public realm – or supporting walkability and social interaction
- Providing flexibility in design – or the integration of land use context into street design

We look forward to completing the Lexington Complete Streets Manual with your review and insights and to Lexington's implementation of a complete streets network. Thank you for your guidance and the opportunity to work with your community.

Sincerely,

Mami P. Hara, AICP, ASLA
Principal

MPH:pf

cc: Cynthia Deitz



Process

- Analysis and Initial Meetings
- Consultants' presentation to Planning Commission on Connectivity
- Draft Manual to Stakeholders; Comment period
- Presentation to Planning Commission
- **Presentation to Council**
 - Public Comment Period
 - Council adoption into Engineering Manuals
 - Text Amendments

Complete streets provide safe, efficient, and appealing facilities for *all types of transportation users* in a manner that is sensitive to surroundings.

complete streets

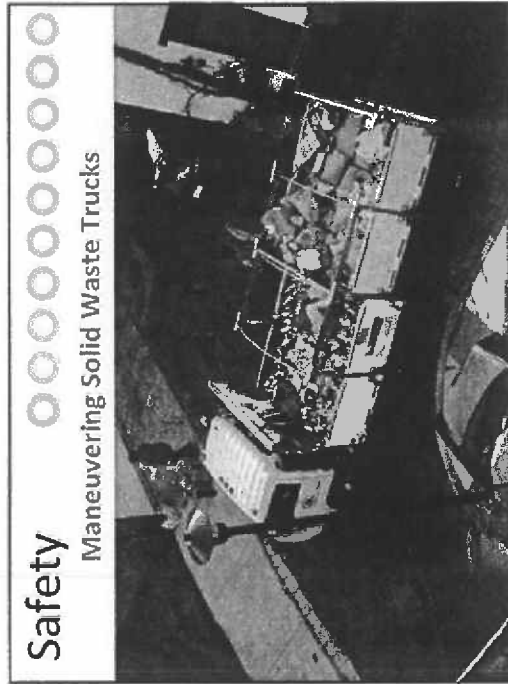
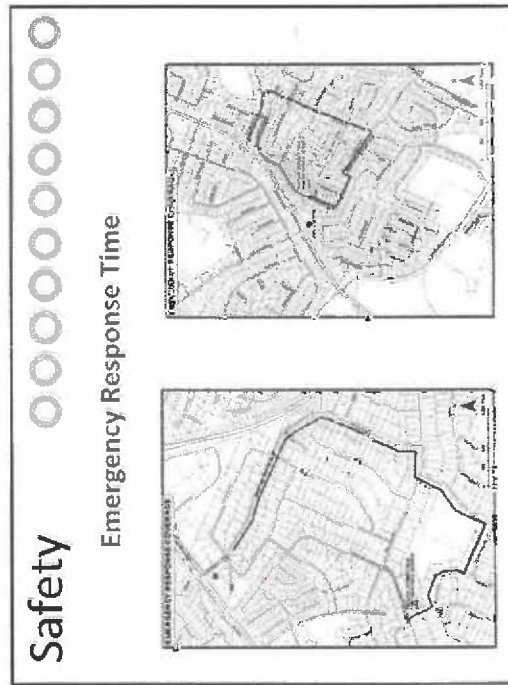
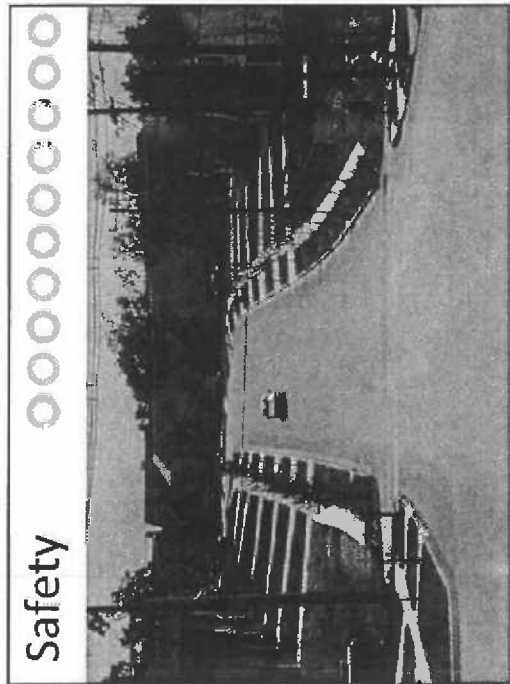
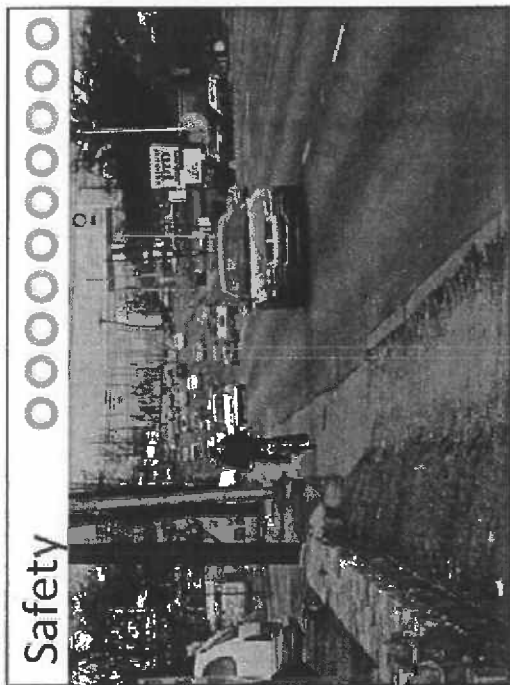
- Safety
 - Meeting the needs of All User Groups
- Environmental Sustainability
- Economic Sustainability
- Health & Fitness
- Civic Engagement & the Public Realm
- Flexible & Context Sensitive Design

Safety

Pedestrian Fatalities by Vehicle Speed (2001)

Vehicle Speed	Percentage
50mph+	30%
40-49mph	24%
30-39mph	19%
20-29mph	10%
Unknown	17%

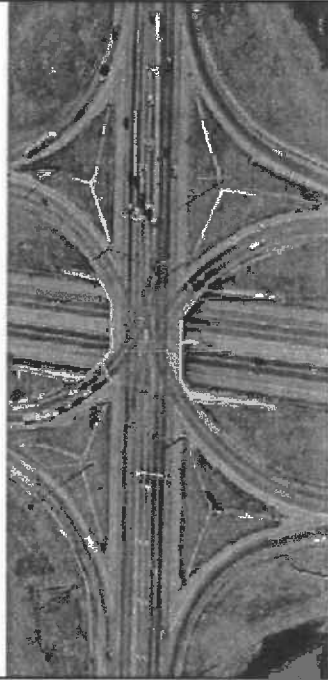
Nationally, traffic fatalities are the leading cause of death for everyone between the age of 3 and 33.
In Fayette county, 10 to 30% of annual traffic fatalities are pedestrians
Source <http://www.nhtsa.dot.gov/pdf/nrd-30/NCSA/rpts/2003/809-456.pdf>



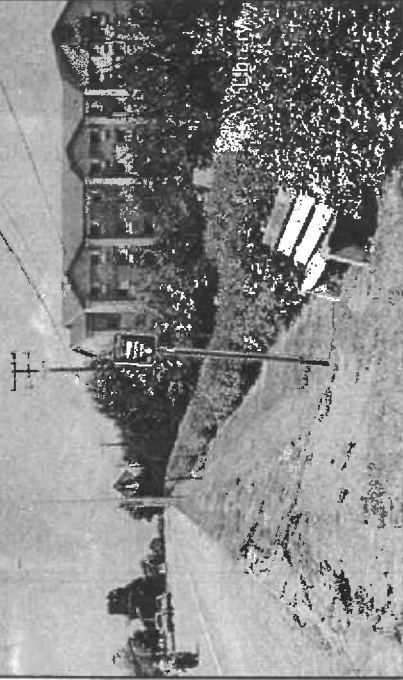
Safety



Interchanges



Safety



Meeting the needs of all users

In the United States:

- 40% of all trips are 2 miles or less

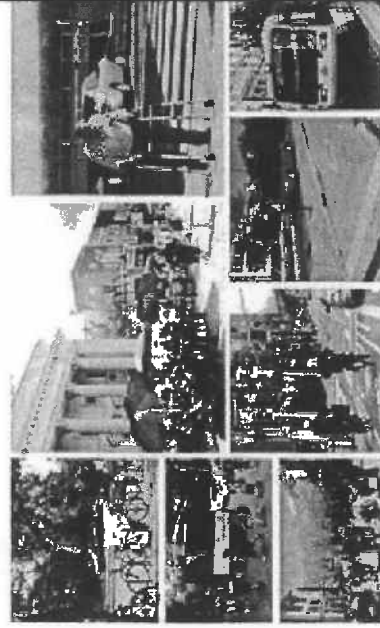
- 28% of all trips are 1 mile or less

These distances can be covered by a short, healthy bike ride or walk.

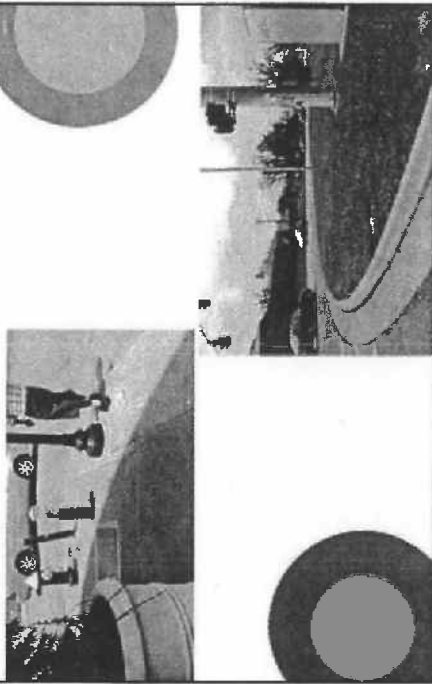
Yet ...

65% of all trips under 1 mile are made by car.

Meeting the needs of all users



Meeting the needs of all users



Meeting the needs of all users

55% of Americans would prefer to drive less and walk more.
- Surface Transportation Policy Project Poll, 2004



Meeting the needs of all users

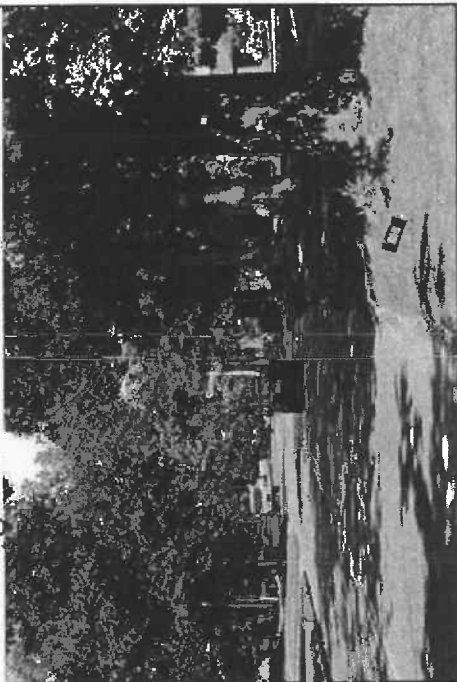


52% of Americans want to bike more than they do now.
- American Bikes Poll

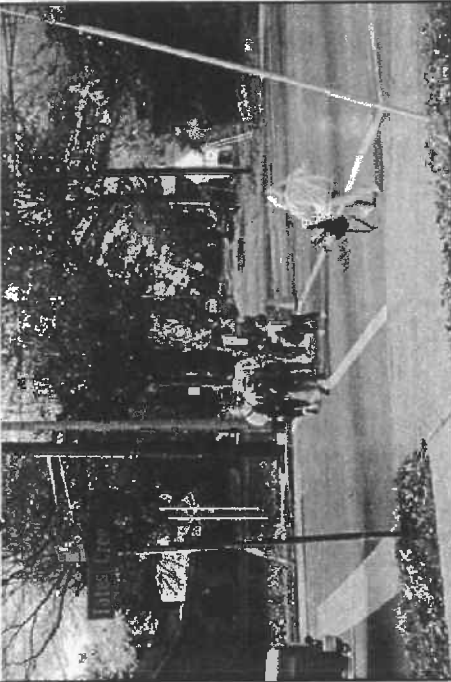
Meeting the needs of all users



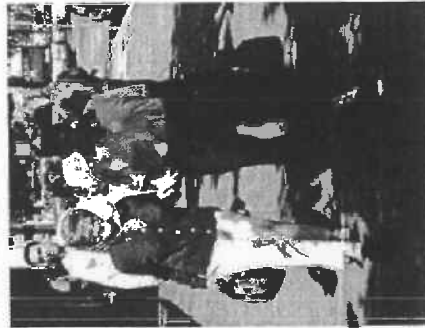
Meeting the needs of all users



Meeting the needs of all users



Meeting the needs of all users



Many seniors dread the prospect of not being able to drive, because they will be cut off from essential services and social networks.

"... 44% of the 50+ population says they do not have nearby public transportation that is accessible. Almost half (47%) of poll responders say they cannot cross the main roads safely."

- American Association of Retired Persons, 2003 poll

Meeting the needs of all users

1/3 of Americans do not drive:

- Children under the age of 16
- 21% of Adults over the age of 65
- Those who cannot afford a car
- Those who are not able to drive a car
- Those who choose not to

Source: Federal Highway Administration
<http://www.fhwa.dot.gov/ohim/ohi00/ohi00/p4.htm> > U.S. census 2000
<http://www.census.gov/main/www/cen2000.html> > National Household Travel Survey, 2001 <http://www.bts.gov/programs/national_household_travel_survey/>

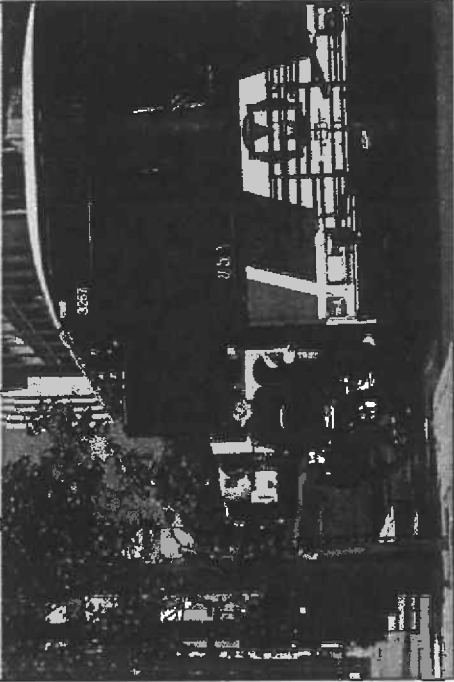
Meeting the needs of all users

"Social justice is often the best economics. We can help disabled Americans who want to live in their homes instead of a nursing home. Simple things can make all the difference."

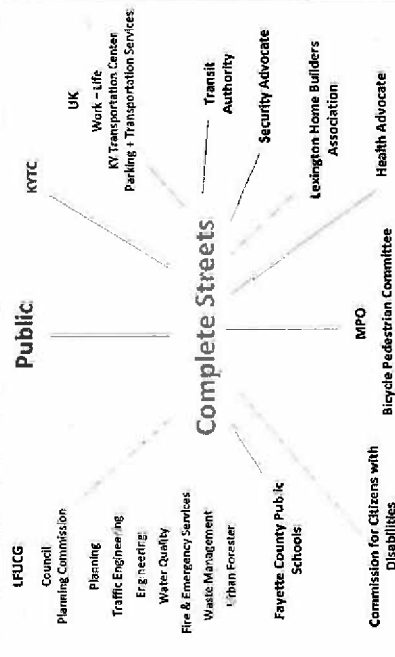
- Edward M. Kennedy



Meeting the needs of all users



Stakeholders



Environmental Sustainability

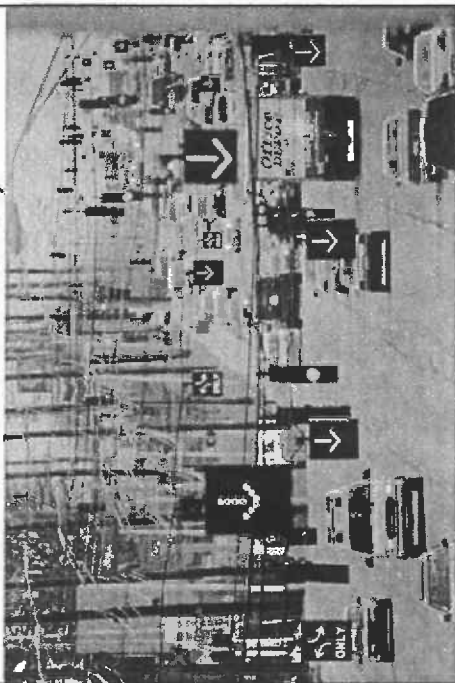
Congestion

In 2007, congestion (based on wasted time and fuel) cost American urban residents about \$87.2 billion.

The average cost per traveler was \$757 in 2007.

Texas Transportation Institute. "2009 Urban Mobility Report." <http://mobility.tamu.edu/ums/report/>

Environmental Sustainability



Economic Sustainability

Surveys show that older residents and young adults want to live in pedestrian and bicycle-friendly neighborhoods. As our population ages, and to retain and recruit young professionals, it is important to create places that appeal to them

Cost Savings and Economic Vitality

More individual savings
More government savings
More efficient public services
Business competitiveness

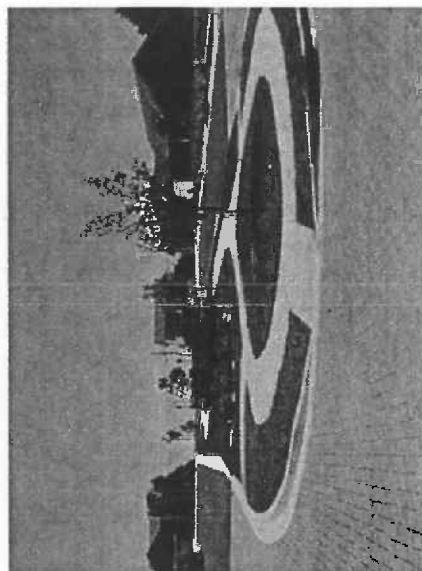
Environmental Sustainability

What we use oil for in the U.S.



<http://www.instituteforenergyresearch.org/energy-overview/fossil-fuels/>

Environmental Sustainability



Economic Sustainability

Case Study: Charlotte, NC

Highland Fire Station



\$740 per capita cost per year

Dilworth Fire Station



\$159 per capita cost per year

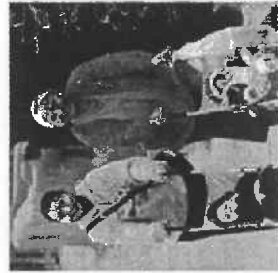
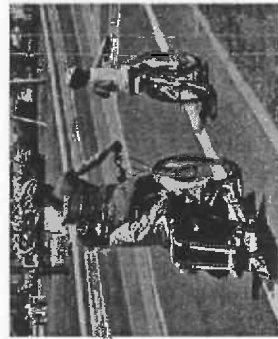
Economic Sustainability

- In 2000, transportation costs accounted for **35 cents out of every dollar** spent in the poorest fifth of American households was spent on purchasing, operating, and maintaining their cars.

Surface Transportation Policy Partnership. "Transportation and Housing." Issue Factsheets. <http://www.transact.org/library/factsheets/housing.asp>.

Health & Fitness

Complete streets provides opportunities for improving health and fitness.



Civic Engagement & the Public Realm

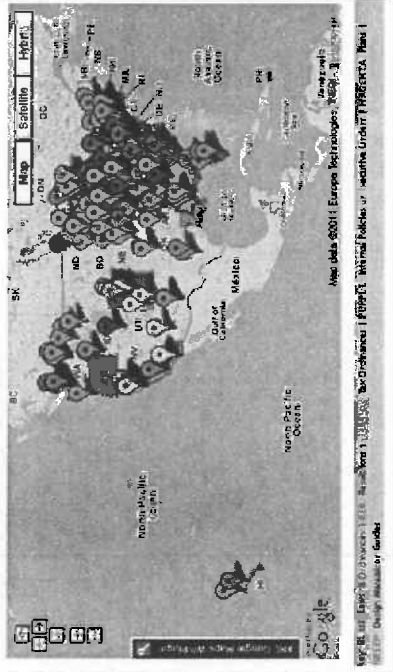


National Trends

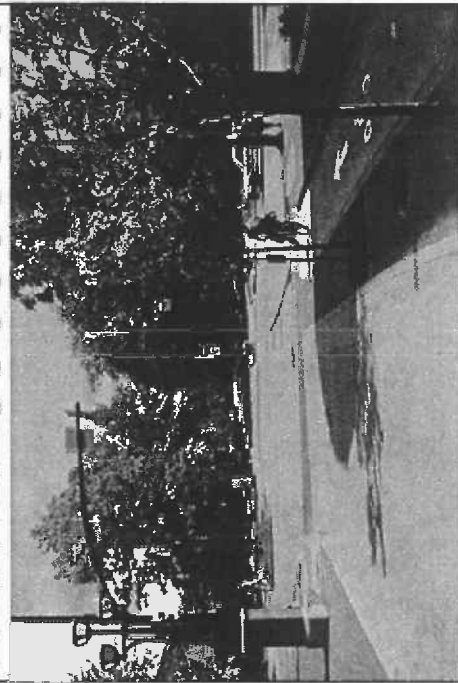
Proposed Safe and Complete Streets Act of 2011 would require each state's department of transportation and metropolitan planning organization to put in place a Complete Streets policy that ensures all Federally-funded transportation projects accommodate the safety and convenience of all users.

Source: http://www.matsul.house.gov/images/stories/CompleteStreets_DC.pdf

National Trends



National Trends



What Lexington is doing



Existing LFUCG plans call for a "Complete Street" network

The purpose of the Manual is to advance the implementation of complete streets by outlining the best practices, and a clear decision-making process needed to implement the goals, objectives, and recommendations of previously adopted plans. These include:

- standards and guidelines that cover new streets and retrofits;
- street types that support all travel modes and are safe, convenient, and attractive;
- context-sensitive street designs that integrate land use and transportation;
- a street system that supports environmental, social, and economic sustainability;
- a street system designed for the human scale that enhances the community's image and cohesion;
- guidelines that are flexible for different applications; and
- a clear procedure for design.

The standards and guidelines in this manual were developed to fulfill those objectives.

3 Applicable Conditions

- New Streets
- Existing Street Modifications by Private Entities
- Existing Street Modifications by Public Entities

Sustainable Transportation

- Efficient transportation implies ease in getting from one place to another.
- A sustainable transportation system achieved with complete streets entails multimodal access, streets that are adequately sized for the long term, and that support less congestion, energy savings, place-making and sustainable development.

The overarching design parameters for complete streets are:

- meeting the functional requirements of the street (with safe facilities for all user groups being foremost); and
- integrating the land use context into street design.

Connectivity

Highly connected streets ...

Poorly connected streets ...

- Provide multiple route options & shorter travel distances
- Disperse traffic
- Provide multiple access points for emergency & service vehicles
- Provide limited route options & longer travel distances
- Concentrate traffic
- Provide one or few access points for emergency & service vehicles

Connectivity

Street Type Cross-Sections

Minor Collector, Low and Moderate Intensity Use

Single-Family and Mixed-House Type predominated by Single-Family

Item	Width (ft)	Notes
Travel Lane	11.5	
Shoulder	5.0	
Median	10.0	
Right-of-Way	36.5	

"Great streets do not just happen. Overwhelmingly, the best streets derive from a conscious act of conception and creation of the street as a whole. The hands of the decision makers are visible..."

— Allan Jacobs