



# IMPLEMENTATION

## INTRODUCTION

For *The Ankeny Plan 2040* to be successful, the policies and action items provided in Chapter 4 through Chapter 13 must begin to be implemented. Without an implementation strategy, the Comprehensive Plan becomes just a book of good ideas and not an achievable strategy for Ankeny moving forward.

To help aid in the implementation of the actions and policies listed in the plan, a implementation matrix has been provided. All goals and policy items have been provided in one matrix separated by chapter. Action items and goals have their own matrix that includes a series of columns to help track progress.

The columns within the Action Items matrix include:

- Lead
- Performance Measure
- Timeframe
- Status

Each year when the Comprehensive Plan is reviewed, the implementation matrix can be

used to help track progress and identify items that need to be either reprioritized or removed from the Comprehensive Plan.

## LEAD

The Lead column in the implementation matrix includes the department or agency primarily responsible for implementation of the recommendation.

## PERFORMANCE MEASURE

The Performance Measure is the means by which success of implementing the recommendation may be measured.

## TIMEFRAME

The Timeframe column identifies the period of time following the plan adoption that the policy or action item should be completed or commenced. The timeframe options are:

- Short-Term is 0 to 5 years
- Mid-Term is 6-15 years
- Long-Term is 15 years or longer

## STATUS

Status is meant to portray where the policy or

action item is regarding implementation and completion. The category options for status include:

- Not Started - these are projects for which no efforts have started
- On-Hold - these are projects that are not moving forward at this time for various reasons
- In-Process - these are projects which the City is currently working on completing
- On-Going - these are projects that the City is undertaking and that will require continuous work or monitoring
- Completed - these are projects that have been achieved or implemented successfully

# ACTIONS + GOALS MATRIX

## ENVIRONMENT

TYPE	RECOMMENDATION	LEAD	PERFORMANCE MEASURE	TIMEFRAME	STATUS
<b>ENVIRONMENT</b>					
<b>Goal 1 : Reduce impact of flooding and soil erosion</b>					
<b>Action</b>	Adopt a stream buffer ordinance requiring stream buffers as follows: Type 1 Perennial: 100 feet and Type 2 Intermittent : 50 feet	Public Works / Development Engineering / Planning & Building	Performance Measured on project completion	Short-Term	Not Started
<b>Action</b>	Adopt ordinance requiring new development to analyze and construct necessary stream stabilization measures	Public Works / Development Engineering / Planning & Building	Performance Measured on project completion	Short-Term	Not Started
<b>Goal 2 : Protect, preserve, and increase tree cover</b>					
<b>Goal 3 : Preserve areas for open space</b>					
<b>Goal 4 : Enhance water quality</b>					
<b>Goal 5 : Support renewable energy where appropriate</b>					
<b>Action</b>	Draft a code on solar energy systems installation	Planning & Building	Performance Measured on project completion	Mid-Term	Not Started
<b>Goal 6 : Preserve high value wetlands</b>					
<b>Action</b>	Adopt ordinance requiring new development to incorporate existing high-quality wetlands as an amenity where appropriate	Planning & Building	Performance Measured on project completion	Mid-Term	Not Started
<b>Goal 7: Continue to promote and implement alternative infrastructure solutions to reduce the impact of stormwater runoff and improve water quality</b>					



## HOUSING

TYPE	RECOMMENDATION	LEAD	PERFORMANCE MEASURE	TIMEFRAME	STATUS
<b>HOUSING</b>					
<b>Goal 1 : Provide opportunities for higher density developments during the planning period</b>					
<b>Goal 2 : Ensure future housing works closely with natural environment and amenities</b>					
<b>Goal 3 : Ensure future housing is connected to existing neighborhoods and transportation corridors</b>					
<b>Goal 4 : Provide for high-quality and affordable housing for future and current residents</b>					
<b>Action</b>	Explore and monitor the need for a rental housing rehabilitation program to promote the renovation or replacement of older rental housing building and complexes	Planning & Building	Performance Measured on project completion	Long-Term	Not Started
<b>Goal 5 : Protect and preserve the community's existing older single-family neighborhoods and housing stock</b>					
<b>Action</b>	Conduct a housing assessment of older single-family neighborhoods to develop a baseline of the existing housing conditions, dwelling types, and general maintenance. Periodically re-survey to evaluate changes in property maintenance	Planning & Building	Performance Measured on project completion	Long-Term	Not Started
<b>Action</b>	Develop a home improvement program such as patterns books or the adoption of zoning code changes to assist homeowners in updating older homes (i.e. adding bathrooms, expanding kitchens, adding garages)	Planning & Building	Performance Measured on project completion	Mid-Term	Not Started
<b>Action</b>	Target areas as may be necessary to promote, require, and/or assist with property maintenance to protect the appearance, value, and desirability of existing, older neighborhoods	Planning & Building	Performance Measured on project completion	Long-Term	Not Started

## PARKS AND RECREATION

TYPE	RECOMMENDATION	LEAD	PERFORMANCE MEASURE	TIMEFRAME	STATUS
<b>PARKS &amp; RECREATION</b>					
<b>Goal 1 : Update the 2007 Ankeny Parks and Facilities Comprehensive Plan</b>					
<b>Action</b>	Include a survey for trail users to analyze trip purpose	Parks & Recreation	Performance Measured on project completion	Short-Term	Not Started
<b>Action</b>	Analyze need and funding for more recreation fields	Parks & Recreation	Performance Measured on project completion	Short-Term	Not Started
<b>Goal 2 : Expand community and regional park facilities</b>					
<b>Action</b>	Add a larger community / regional park	Parks & Recreation	Performance Measured on project completion	Long-Term	Not Started
<b>Goal 3 : Add missing segments to existing trail system</b>					
<b>Goal 4 : Expand the trail system into the planning boundary growth area</b>					
<b>Action</b>	Add an additional link across Interstate 35 further north near NE 18th Street along Four Mile Creek	Parks & Recreation	Performance Measured on project completion	Long-Term	Not Started
<b>Goal 5 : Continue to provide sufficient neighborhood parks as the community grows</b>					
<b>Action</b>	Review and update parkland dedication ordinance	Parks & Recreation / Planning & Building	Performance Measured on project completion	Short-Term	Not Started
<b>Goal 6 : Add trails to stream buffers</b>					
<b>Action</b>	Adopt a new stream buffer ordinance with 100 and 50 feet buffers along Type 1- Perennial and Type 2 - Intermittent Streams	Public Works / Development Engineering / Planning & Building	Performance Measured on project completion	Short-Term	Not Started
<b>Goal 7 : Evaluate options to partner with school district on shared facilities</b>					
<b>Goal 8 : Integrate high-quality wetlands into park spaces or open spaces in developments</b>					
<b>Action</b>	Add regulation encouraging developers to integrate high-quality wetland preservation into a site amenity or open space	Planning & Building	Performance Measured on project completion	Mid-Term	Not Started



## INFRASTRUCTURE

TYPE	RECOMMENDATION	LEAD	PERFORMANCE MEASURE	TIMEFRAME	STATUS
<b>INFRASTRUCTURE - WATER</b>					
Goal 1 : Provide residents and businesses with affordable potable water that is safe and high quality					
Goal 2 : Provide a low-maintenance, cost-effective water system that meets the long-term needs of residents and businesses					
Goal 3 : Provide adequate water supply and pressure for all residents and businesses					
Goal 4 : Continue working with adjacent communities and the regional water supply agency to provide a cooperative water system for emergency services such as droughts or water system failure					
Goal 5 : Provide water service for growth areas in planned and cost-effective manner					
Goal 6 : Protect the City's sustainable water supply through conservation by improving the efficiency of water use and reducing loss and waste of water					
<b>Action</b>	Evaluate a program to provide homes with low-flow fixtures	Municipal Utilities	Performance Measured on project completion	Mid-Term	Not Started
<b>INFRASTRUCTURE - SANITARY SEWER</b>					
Goal 1 : Provide a low-maintenance and cost-effective sanitary sewer system that meets long-term needs of City's residents and businesses					
Goal 2 : Work with the Wastewater Reclamation Authority and adjoining communities to provide a mutually cooperative sanitary sewer system					
<b>INFRASTRUCTURE - STORMWATER</b>					
Goal 1 : Implement an effective, economical, and sustainable stormwater management system					
<b>Action</b>	Consider the development of a footing drain collector line program to provide property owners with a connection for sump pump lines potentially eliminating existing connections to the sanitary sewer system	Public Works	Performance Measured on project completion	Long-Term	Not Started
<b>Action</b>	Adopt a post-construction stormwater control ordinance, consistent with other communities in Iowa	Public Works / Development Engineering / Planning & Building	Performance Measured on project completion	Short-Term	Not Started

## INFRASTRUCTURE - CONTINUED

<b>Goal 2 : Complete a Stormwater Management Study and Master Plan to comprehensively identify, address, and manage stormwater issues in the community</b>					
<b>Action</b>	Update and refine policies and procedures to better manage surface water flows and water bodies in the community	Public Works / Development Engineering	Performance Measured on project completion	Short-Term	Not Started
<b>Action</b>	Complete hydraulic modeling to serve as a platform to better define stormwater management issues, needs, and potentially cost-effective solutions	Public Works / Development Engineering	Performance Measured on project completion	Short-Term	Not Started
<b>Goal 3 : Maintain and preserve the existing stormwater system through asset management</b>					
<b>Goal 4 : Identify, prioritize, and recommend projects for the Ankeny Capital Improvements Plan</b>					
<b>Action</b>	Identify financial needs and potential funding to close the gap between revenues and identified needs.	Public Works / City Manager	Performance Measured on project completion	Long-Term	On-Going
<b>Goal 5 : Consider potential policy solutions to address fundamental issues that contribute to current flooding problems and erosion issues</b>					
<b>Action</b>	Implement the National Pollutant Discharge Elimination System (NPDES) program and establish Low Impact Development principles for new development to maintain compliance with the City's NPDES permit	Public Works / Development Engineering / Planning & Building	Performance Measured on project completion	Long-Term	Not Started
<b>Goal 6: Periodically update the Stormwater Plan</b>					
<b>Action</b>	Stormwater quality data will be periodically evaluated to determine the presence of contaminants and effectiveness of the City of Ankeny's stormwater management and treatment system performance	Public Works	Performance Measured on project completion	Long-Term	Not Started
<b>Action</b>	The stormwater management system inventory will be updated regularly and utilized to identify the physical location and characteristics of the system components, and which components are due for maintenance and/or replacement	Public Works	Performance Measured on project completion	Long-Term	Not Started

## COMMUNITY CHARACTER

TYPE	RECOMMENDATION	LEAD	PERFORMANCE MEASURE	TIMEFRAME	STATUS
<b>COMMUNITY CHARACTER</b>					
<b>Goal 1 : Continue to monitor and respond to the needs and desires of Ankeny residents and businesses through the Biennial Citizen Survey and other programs</b>					
<b>Action</b>	Continue conducting community preference surveys to identify areas of concern and preferences in which to focus City attention and investments	City Manager	Performance Measured on project completion	Long-Term	On-Going
<b>Action</b>	Update the City's zoning and subdivision regulations to include design and layout requirements that will help create a sense of neighborhood and discourage cookie-cutter developments	Planning & Building	Performance Measured on project completion	Short-Term	Not Started
<b>Goal 2 : Continue to brand Ankeny with streetscaping and unified entryway and wayfinding signage and monumentation</b>					
<b>Action</b>	Create a uniform public signage plan and policy	Planning & Building	Performance Measured on project completion	Mid-Term	Not Started
<b>Action</b>	Develop a streetscape plan with a hierarchy of standards based on street classifications and locations	Planning & Building	Performance Measured on project completion	Mid-Term	Not Started
<b>Goal 3 : Continue efforts to improve and revitalize Uptown</b>					
<b>Action</b>	Consider creating an updated revitalization plan and design guidelines for Uptown including refreshed strategies for building facade, streetscape, and signage improvements	Planning & Building	Performance Measured on project completion	Mid-Term	Not Started
<b>Goal 4 : Support the long-term planning and construction of Northeast Beltway</b>					



## LAND USE

TYPE	RECOMMENDATION	LEAD	PERFORMANCE MEASURE	TIMEFRAME	STATUS
<b>LAND USE</b>					
<b>Goal 1 : Reduce conflicts between existing agricultural uses and new development</b>					
<b>Action</b>	Evaluate the creation of a requirement for new development to establish an agricultural buffer and formation of a farm to residence fencing plan and agreement	Planning & Building	Performance Measured on project completion	Short-Term	Not Started
<b>Action</b>	Create a new agricultural zoning district or modify the U-1 Conservation and Public Utility District to include Agriculture in its title and use this zoning designation for on-going agricultural operations within the City	Planning & Building	Performance Measured on project completion	Short-Term	Not Started
<b>Action</b>	Evaluate the need of agriculturally centered planned 'agrihoods'	Planning & Building	Performance Measured on project completion	Short-Term	Not Started
<b>Goal 2 : Minimize the impact from flooding</b>					
<b>Goal 3 : Encourage the development of professional office buildings and corporate headquarters within the City</b>					
<b>Action</b>	Develop an office zoning district with regulations specific c to office uses and buildings	Planning & Building	Performance Measured on project completion	Short-Term	Not Started
<b>Goal 4 : Encourage the creation of new mixed-use developments</b>					
<b>Action</b>	Adopt new mixed-use zoning districts or zoning overlays including design guidelines to minimize the approval process required for creating new mixed-use developments	Planning & Building	Performance Measured on project completion	Short-Term	Not Started



## LAND USE - CONTINUED

Goal 5 : Establish additional guidelines to address the physical impacts of new multi-family developments					
Action	Split the R-3 Multiple Family Residence Zoning District into two separate zoning districts: one district horizontally attached residential dwelling units (traditionally referred to as townhomes and rowhouses) and one district for both horizontally attached dwelling units and vertically attached residential dwelling units (traditionally referred to as apartments and condominiums)	Planning & Building	Performance Measured on project completion	Short-Term	Not Started
Action	Develop specific building architectural design guidelines for multi-family residential buildings specifying site layout, building shape and form, overall project scale, building entryway, and exterior building materials in order to maintain a minimum level of quality and architectural value	Planning & Building	Performance Measured on project completion	Short-Term	Not Started
Goal 6 : New development, including development within the City's 2-mile extraterritorial platting jurisdiction and within the city's planning boundary, should construct and have adequate public infrastructure (sanitary sewer service, water service, public streets, and energy and communications utilities), utility easements, and public street right-of-way necessary to serve the development					
Goal 7 : Ensure all new development, including development within the City's 2-mile extraterritorial platting jurisdiction, is served by adequate public infrastructure, does not exceed the capacity of existing infrastructure, and accommodates future growth and development					
Action	The City should review and update the subdivision regulations and minimum infrastructure installation requirements as necessary to ensure the provision of adequate public infrastructure	Planning & Building	Performance Measured on project completion	Short-Term	Not Started
Goal 8 : Minimize the number of private streets serving multiple properties					

**TRANSPORTATION**

TYPE	RECOMMENDATION	LEAD	PERFORMANCE MEASURE	TIMEFRAME	STATUS
<b>TRANSPORTATION</b>					
<b>Goal 1 : Preserve and enhance transportation system</b>					
<b>Action</b>	The City will actively participate with other jurisdictions in regional planning efforts	Planning & Building	Performance Measured on project completion	Long-Term	On-Going
<b>Action</b>	The City will review the design standards used for streets in new developments, if necessary, make revisions in order to improve the long-term sustainability of the pavement infrastructure and reduce future maintenance costs	Public Works / Development Engineering / Planning & Building	Performance Measured on project completion	Short-Term	Not Started
<b>Goal 2 : Improve the functionality and safety of the transportation system</b>					
<b>Action</b>	The City will periodically survey the residents of Ankeny on their perception of the local transportation system including its strengths, areas of concerns, and opportunities for improvement	City Manager	Performance Measured on project completion	Long-Term	On-Going
<b>Goal 3 : Balance community needs with an inclusive transportation system policy</b>					
<b>Goal 4 : Improve connectivity throughout the community</b>					
<b>Goal 5 : Enhance transportation opportunities and usage</b>					
<b>Goal 6 : Implement the transportation vision through strategic funding, and objective and definitive decision making, with the collaboration of jurisdictions and metropolitan agencies including regional transit providers and DMAMPO</b>					

# POLICIES + GOALS MATRIX

## ENVIRONMENT

TYPE	RECOMMENDATION
<b>ENVIRONMENT</b>	
<b>Goal 1 : Reduce impact of flooding and soil erosion</b>	
Policy	Discourage development within the floodway and 100-year floodplain as determined by FEMA
Policy	Follow the Fourmile Creek Management Plan and maintain membership in the Fourmile Creek Watershed Management Authority
<b>Goal 2 : Protect, preserve, and increase tree cover</b>	
Policy	Require new development to preserve significant tree stand
Policy	Promote the planting of a variety of trees with new development
<b>Goal 3 : Preserve areas for open space</b>	
<b>Goal 4 : Enhance water quality</b>	
Policy	Promote and require stormwater best management practices
<b>Goal 5 : Support renewable energy where appropriate</b>	
<b>Goal 6 : Preserve high value wetlands</b>	
<b>Goal 7 : Continue to promote and implement alternative infrastructure solutions to reduce the impact of stormwater runoff and improve water quality</b>	
Policy	Encourage stormwater best management practices be incorporated with all new development and redevelopment and public improvement projects



HOUSING

TYPE	RECOMMENDATION
<b>HOUSING</b>	
<b>Goal 1 : Provide opportunities for higher density developments during the planning period</b>	
Policy	Allow for development of higher density housing based on locations identified in the future land use map
Policy	Provide transit options and trails around the higher density residential developments
Policy	Encourage higher density residential development to be aesthetically pleasing through high-quality materials and finishes
Policy	Require higher density residential development to include amenities such as playgrounds or passive pocket parks
Policy	Planned Unit Development (PUD) should be used as an alternative to conventional development patterns to encourage creative yet responsible / sensitive developments
<b>Goal 2 : Ensure future housing works closely with natural environment and amenities</b>	
Policy	Encourage new residential development to protect environmental sensitive areas such as floodplain corridors, streams, and wetlands
Policy	Tree stands and drainage ways should be preserved around residential areas for trail expansion
<b>Goal 3 : Ensure future housing is connected to existing neighborhoods and transportation corridors</b>	
Policy	Create an interconnected network of streets, trails, and sidewalks to allow for more mobility
Policy	New subdivisions should connect to each other as well as connecting to older subdivisions in the community
Policy	Sidewalks should be provided on both sides of all streets, or in alternative locations, as allowed through design standards or the Planned Unit Development process

## HOUSING - CONTINUED

Goal 4 : Provide for high-quality and affordable housing for future and current residents	
Policy	Encourage a mix of housing types to be distributed throughout individual developments with similar housing types facing each other and changes occurring at the rear of lots
Policy	Maintain high design housing standards for apartment and townhomes, including those with an affordability focus
Policy	Review and accommodate, wherever possible, any new or alternative development concepts or proposals, provided such concepts or proposals are consistent with and do not compromise the established disposition of land uses on the land use map or the goals and policies of the plan
Policy	Require new residential developments that have common areas under shared ownership to enact covenants to ensure adequate maintenance of common areas, easements, and drainage areas
Policy	Consider pedestrian orientation design in new developments, including shorter block lengths
Goal 5 : Protect and preserve the community's existing older single-family neighborhoods and housing stock	

**PARKS AND RECREATION**

TYPE	RECOMMENDATION
<b>PARKS &amp; RECREATION</b>	
<b>Goal 1 : Update the 2007 Ankeny Parks and Facilities Comprehensive Plan</b>	
<b>Goal 2 : Expand community and regional park facilities</b>	
<b>Goal 3 : Add missing segments to existing trail system</b>	
<b>Goal 4 : Expand the trail system into the planning boundary growth area</b>	
<b>Policy</b>	Integrate a bike / pedestrian path along new major roads in the planning boundary growth area
<b>Policy</b>	Integrate trails into the stream buffers as obtained
<b>Goal 5 : Continue to provide sufficient neighborhood parks as the community grows</b>	
<b>Goal 6 : Add trails to stream buffers</b>	
<b>Goal 7 : Evaluate options to partner with school district on shared facilities</b>	
<b>Goal 8 : Integrate high-quality wetlands into park spaces or open spaces in developments</b>	

**COMMUNITY FACILITIES**

TYPE	RECOMMENDATION
<b>COMMUNITY FACILITIES</b>	
<b>Goal 1 : Maintain adequate city and community facility space and staffing needs as Ankeny continues to grow</b>	
<b>Policy</b>	Continue to regularly evaluate facility and employee needs



INFRASTRUCTURE

TYPE	RECOMMENDATION
<b>INFRASTRUCTURE - WATER</b>	
<b>Goal 1 : Provide residents and businesses with affordable potable water that is safe and high quality</b>	
Policy	Meet or exceed all federal and state drinking water standards
Policy	Inform customers of maintenance practices that may impact water quality
<b>Goal 2 : Provide a low-maintenance, cost-effective water system that meets the long-term needs of residents and businesses</b>	
Policy	Design and construct a water system that supports the City's Land Use Plan at ultimate development
Policy	Establish assessment rates, fees, and connection charges to ensure new development pays for construction of the expanded system as growth occurs
Policy	Require developers to pay the cost of off-site water facilities necessary for any development that occurs in a non-sequential order
Policy	Operate and maintain the water system to ensure its long-term function with equitable user charges
<b>Goal 3 : Provide adequate water supply and pressure for all residents and businesses</b>	
Policy	Design and construct water system improvements that meet demand for fire protection and adequate system pressure for current and future growth areas
Policy	Continue to seek and secure an adequate water supply and purchase capacity for future growth

## INFRASTRUCTURE - CONTINUED

<b>Goal 4 : Continue working with adjacent communities and the regional water supply agency to provide a cooperative water system for emergency services such as droughts or water system failure</b>	
<b>Goal 5 : Provide water service for growth areas in planned and cost-effective manner</b>	
<b>Goal 6 : Protect the City's sustainable water supply through conservation by improving the efficiency of water use and reducing loss and waste of water</b>	
<b>Policy</b>	Monitor and update as needed the Water Emergency Conservation Plan
<b>Policy</b>	Continue to inform and educate customers about individual water conservation practices
<b>INFRASTRUCTURE - SANITARY SEWER</b>	
<b>Goal 1 : Provide a low-maintenance and cost-effective sanitary sewer system that meets long-term needs of City's residents and businesses</b>	
<b>Policy</b>	Develop and construct a sanitary sewer system that supports the City's land use plan and its ultimate development
<b>Policy</b>	Continue use of connection fees to ensure development pays for the construction of sewers installed by the City
<b>Policy</b>	Operate and maintain the sanitary sewer system to ensure its long-term function with equitable user fees
<b>Policy</b>	Continue to address infiltration / inflow of clear water into the sanitary sewer system
<b>Goal 2 : Work with the Wastewater Reclamation Authority and adjoining communities to provide a mutually cooperative sanitary sewer system</b>	
<b>Policy</b>	Maintain existing arrangements for sanitary sewer with the WRA. Continue the negotiations process with the WRA to ensure the City has adequate interceptor and treatment capacity for future growth
<b>Policy</b>	Provide a trunk system to meet the needs of Ankeny's current wastewater generation as well as to provide service to growth areas in the future

## INFRASTRUCTURE - CONTINUED

INFRASTRUCTURE - STORMWATER	
Goal 1 : Implement an effective, economical, and sustainable stormwater management system	
Policy	All new development shall be designed such that post-development stormwater runoff from the site shall be substantially similar to or better than predevelopment runoff and shall meet applicable state and water management district water quality standards
Policy	Nonresidential and nonagricultural redevelopment shall meet applicable water quality standards
Goal 2 : Complete a Stormwater Management Study and Master Plan to comprehensively identify, address, and manage stormwater issues in the community	
Goal 3 : Maintain and preserve the existing stormwater system through asset management	
Policy	Consider developing an asset management tool to continually monitor and evaluate the condition and needs of the community
Policy	Continue to work with the City's watershed management partners to evaluate water quality and environmental conditions of its subbasins and watersheds
Policy	Continue to incorporate existing storm sewer infrastructure needs with new stormwater projects in the Capital Improvement Plan
Policy	Maintenance work will continue to be conducted in a manner that will result in the minimal possible disturbance of the natural features of environmentally-sensitive storage and conveyance areas
Goal 4 : Identify, prioritize, and recommend projects for the Ankeny Capital Improvements Plan	
Policy	Use recommendations from the Stormwater Plan to plan, prioritize, and budget for stormwater infrastructure projects in the CIP.
Policy	The use of non-structural best management practices for solving stormwater management issues will continue to be considered to reduce costs and future maintenance needs.
Policy	All stormwater management improvement projects will seek to maximize, to the greatest extent practicable, improvements to wetland habitat, water quality and groundwater recharge functions.



## INFRASTRUCTURE - CONTINUED

Goal 5 : Consider potential policy solutions to address fundamental issues that contribute to current flooding problems	
Policy	Best management practices (i.e., approved erosion control methods) will be required for minimizing contributions of poor quality stormwater runoff to both groundwater and surface water bodies
Goal 6 : Periodically update the Stormwater Plan	
Policy	The City of Ankeny will continue to maintain communication with regulatory and watershed advisory agencies which have authority over, or interest in, stormwater management practices in the City.
Policy	The City will continue to use new stormwater management technology, such as pollutant filters and sub-surface storage, as well as low impact development techniques in order to minimize the impervious surfaces in new developments, and to minimize pollutant loads due to stormwater runoff.
Policy	The City will stay current with emerging technical design standards which manage the impacts of stormwater quantity and water quality for new development and redevelopment in the community in order to reflect current conditions in Ankeny and to address cumulative impacts of stormwater runoff.

## COMMUNITY CHARACTER

TYPE	RECOMMENDATION
COMMUNITY CHARACTER	
Goal 1 : Continue to monitor and respond to the needs and desires of Ankeny residents and businesses through the Biennial Citizen Survey and other programs	
Goal 2 : Continue to brand Ankeny with streetscaping and unified entryway and wayfinding signage and monumentation	
Policy	Continue to push for utility service lines to be located underground with aboveground utility boxes and facilities being located to the rear of properties and not along street right-of-way
Goal 3 : Continue efforts to improve and revitalize Uptown	
Goal 4 : Support the long-term planning and construction of Northeast Beltway	
Policy	Preserve the Northeast Beltway corridor and protect it from encroachment from development

## ECONOMIC DEVELOPMENT

TYPE	RECOMMENDATION
<b>ECONOMIC DEVELOPMENT</b>	
<b>Goal 1 : Recruit, support, incentivize, and retain quality businesses to provide a comprehensive range of job opportunities and promote economic diversity</b>	
Policy	Facilitate capital investment for the expansion of existing Ankeny businesses and attraction of new businesses that benefit the City
Policy	Support economic development programs that incentivize development and economic activity in line with the City's goals and target industries
Policy	Collaborate with private sector and other housing providers in meeting the housing demands of Ankeny employers and employees
<b>Goal 2 : Promote and increase opportunities for collaboration, innovation, and entrepreneurship</b>	
Policy	Ensure ample building sites and spaces for businesses to start and expand
Policy	Work with the private sector to create a nurturing environment for small and start-up businesses
Policy	Plan for and invest in public and private spaces in regional centers and employment areas that facilitate interaction between local businesses, workers, and residents
Policy	Continue to coordinate with local and regional economic development organizations to promote resources available to new and small businesses to make the process as straightforward as possible
<b>Goal 3 : Address building space and infrastructure needs of target industries and workforce by identifying and promoting primary employment areas</b>	
Policy	Leverage City's annexation and land use policies, along with capital improvement planning tools to ensure an adequate supply of finished and raw land suitable for business in target industries in range of size
Policy	Work with private sector to increase amount of high quality and modern office space within primary employment areas

ECONOMIC DEVELOPMENT - CONTINUED

Policy	Coordinate with private sector when planning the timing and financing of utility extension to business and industrial sites
Policy	Work with economic development partners to market available Primary Employment sites
<b>Goal 4 : Identify and promote mixed use employment areas</b>	
Policy	Encourage a range of secondary uses that benefit employees without hampering business operations such as public gathering space, parks, trails, retail, and upscale housing
Policy	Encourage the development, rehabilitation, or adaptive reuse of existing properties for mixed use developments
<b>Goal 5 : Coordinate transportation planning in designated employment areas</b>	
Policy	Work with transportation service providers to increase transit access to employment areas within Ankeny
Policy	Maintain and review methods of financing capital improvements to ensure equitable and fair allocation costs across existing and new development
Policy	Establish an interconnected network of streets and blocks in new or developing employment areas to promote walking and alternative transportation modes while still allowing for light industrial and truck traffic
<b>Goal 6 : Foster workforce education and skills to match needs of local businesses</b>	
<b>Goal 7 : Sustain and expand efforts to attract desired industries to Ankeny</b>	
Policy	Coordinate with regional economic development bodies to analyze and update industry targets
Policy	Consider increasing City's budget dedicated for marketing expenditures promoting Ankeny as business location



HAZARDS

TYPE	RECOMMENDATION
<b>HAZARDS</b>	
<b>Goal 1 : Work to reduce the extent of fatalities and injuries due to hazards</b>	
Policy	Continue providing education programs and exercises to first responders and the general public about hazards and how to respond
Policy	Implement structural projects that will result in protection of life and safety including safe rooms and the continued improvement of stormwater drainage and capacity
Policy	Ensure proper and adequate equipment for first responders including proper vehicles and equipment for fire and rescue, public works, and police
Policy	Work on developing additional storm safety areas in new public places throughout the community
<b>Goal 2 : Limit the extent of property loss due to hazards on existing properties</b>	
Policy	Bury utility lines in current and future development areas
Policy	Inspect, clean, and maintain drainage systems throughout the community in order to minimize damming of large water flows
Policy	Use the most effective approaches to protect buildings from other hazards using both structural and non-structural projects
Policy	Provide training and education for homeowners, landlords, and first responders as to building protection
Policy	Use the most effective approaches to protect buildings from flooding, including acquisition or relocation when warranted

**HAZARDS - CONTINUED**

<b>Goal 3 : Improve public response to hazards and make recovery easier</b>	
<b>Policy</b>	Continue to enhance the continuity of government during and after storms
<b>Policy</b>	Continue to enhance cross-agency and intra- and inter-county communications
<b>Policy</b>	Review and then continue to enhance or establish aid agreements, training, and exercises
<b>Policy</b>	Ensure the mitigation plan is reviewed and updated as needed

**LAND USE**

<b>LAND USE</b>	
<b>Goal 1 : Reduce conflicts between existing agricultural uses and new development</b>	
<b>Goal 2 : Minimize the impact from flooding</b>	
<b>Policy</b>	Continue to discourage all development within the floodway and the 100-year floodplain as determined by FEMA
<b>Goal 3 : Encourage the development of professional office buildings and corporate headquarters within the City</b>	
<b>Goal 4 : Encourage the creation of new mixed-use developments</b>	
<b>Goal 5 : Establish additional guidelines to address the physical impacts of new multi-family developments</b>	
<b>Policy</b>	Encourage the use of townhomes and rowhouses as a transition from single-family homes to apartments and condominiums
<b>Policy</b>	Vary the scale of individual apartment projects to reduce their visual impact on the surrounding neighborhood and their dominance along major roadways through means such as staggering, building materials, and limits on the number of dwelling units per acre

LAND USE - CONTINUED

<b>Goal 6 : New development, including development within the City's 2-mile extraterritorial platting jurisdiction and within the city's planning boundary, should construct and have adequate public infrastructure (sanitary sewer service, water service, public streets, and energy and communications utilities), utility easements, and public street right-of-way necessary to serve the development</b>	
<b>Policy</b>	New development shall connect to and construct public sanitary sewers adequate to serve the development
<b>Policy</b>	New development shall connect to the City's water system and construct public water mains necessary to serve the development and provide adequate water pressure and volume for fire protection
<b>Policy</b>	New development must be served, connected, and accessed by at least one public street that is paved and is of adequate size, location, and design capacity necessary to handle the traffic impact of the new development
<b>Goal 7 : Ensure all new development, including development within the City's 2-mile extraterritorial platting jurisdiction, is served by adequate public infrastructure, does not exceed the capacity of existing infrastructure, and accommodates future growth and development</b>	
<b>Policy</b>	New development that is beyond the reach of current public infrastructure or exceeds the capacity of the existing public infrastructure shall be responsible for the extension and/or upgrade of the infrastructure as necessary to serve the development
<b>Policy</b>	New development shall extend public infrastructure and provide utility easements and public street right-of-way through and to the edge of their property
<b>Goal 8 : Minimize the number of private streets serving multiple properties</b>	
<b>Policy</b>	Individual lots and parcels, including small townhome lots, should be accessed and served by public streets designed and built to City standards



## TRANSPORTATION

TYPE	RECOMMENDATION
<b>TRANSPORTATION</b>	
<b>Goal 1 : Preserve and enhance transportation system</b>	
Policy	The City will preserve its existing transportation system in the highest order operating condition
Policy	The City will continue to maintain pavement and permanent right-of-way fixtures associated with the roadway system (including bridges) using routine inspection and maintenance improvement programs coordinated by the Ankeny Public Works Department
Policy	The City will coordinate roadway preservation improvements with other transportation system partners including Iowa DOT and Polk County
Policy	The City will continue to develop a transportation system that is sustainable and cost-effective, where each expenditure satisfies a public transportation objective
Policy	The City will review all plans for development / redevelopment to determine their impact on the transportation system
<b>Goal 2 : Improve the functionality and safety of the transportation system</b>	
Policy	The City will work with Iowa DOT and encourage traffic management studies to be conducted where documented safety issues exist
Policy	The City will monitor crash statistics for trends and work with the Iowa DOT to tailor crash reduction improvement for targeted areas
Policy	The City will seek to capture opportunities to implement roadway improvements with proposed development and/or redevelopment projects
Policy	The City will continue to work with the Iowa DOT and private property owners on access management strategies along primary roadway corridors
Policy	The City's sign maintenance practices will meet all requirements, including federal sign retro-reflectively standards, and ensure appropriate signing for the traveling public
Policy	Where applicable, the City will integrate safety features into pedestrian/bicycle improvements

## TRANSPORTATION - CONTINUED

Policy	The City's land use development standards will promote safe and efficient access to the transportation system
Policy	Require new development to provide an adequate system of local streets while limiting direct access to major thoroughfares in order to maintain safe and efficient roadway operations
Policy	Require the dedication or preservation of right-of-way consistent with adopted right-of-way standards when property is platted or subdivided, and work with landowners/developers during the site planning and platting process to implement safe and efficient roadway designs that look first to provide access via a local roadway rather than a regional roadway
Policy	The City will continue the implementation of access management guidelines to assist in preserving future roadway capacity and improving safety along all roadways
<b>Goal 3 : Balance community needs with an inclusive transportation system policy</b>	
Policy	Where possible, the City will utilize an inclusive transportation system policy in the design of streets. To the greatest extent practical, the City will balance the transportation system needs with the potential impacts and effects upon natural features of the community
Policy	The City will minimize the number of private access points to minor arterial and major collector roadways as part of the development review process
Policy	The City will require multi-modal review in traffic impact studies for larger scale developments
<b>Goal 4 : Improve connectivity throughout the community</b>	
Policy	The City will work with the Iowa DOT, Polk County, residents, and businesses to provide linkages for local connections that currently represent transportation system gaps, especially to help reduce crashes, improve mobility, and maintain local transportation system
Policy	The City will evaluate current intersection control (stop signs) along primary travel corridors that have frequent intersections from the "criss crossing" of local roadways. Removal of excessive intersection control will only be considered after a determination is made that traffic safety will not be compromised and the modification(s) will enhance travel efficiency/mobility
Policy	When new/redevelopment proposals are received, the City will require connectivity of collector and local streets (including their pedestrian facilities) and trails between residential developments and other land uses to improve street connectivity and reduce the potential for unwarranted cul-de-sac streets
Policy	The City will continue to support trail connectivity among local, regional, and state trail systems

## TRANSPORTATION - CONTINUED

Goal 5 : Enhance transportation opportunities and usage	
Policy	The City will coordinate with local transit providers to determine the future transit services consistent with the City's transit market and its associated service standards and strategies
Policy	Evaluate the need for transit facilities and accommodations in the redesign and reconstruction of roadways whether or not they are currently used by transit providers
Policy	Reduce transportation system demand by encouraging programs that provide alternative to single-occupant vehicles
Policy	Encourage collaboration with local employers, the Ankeny School District, DMACC and other academic and non-profit institutions, and surrounding communities on the need for and location of improved transit services
Goal 6 : Implement the transportation vision through strategic funding, and objective and definitive decision making, with the collaboration of jurisdictions and metropolitan agencies including regional transit providers and DMAMPO	
Policy	Utilize available funding programs, competitive grants, and other revenue sources to maximize and leverage funds for transportation
Policy	Require adequate right-of-way dedication for new and/or expanded roadways based on the planned function under future conditions
Policy	Encourage business owners, residents, and community groups to be active participants in seeking funding by contacting local, state, and federal decision makers in support of transportation funding