Growth-Oriented and Sustainable Infrastructure

Economy and Prosperity

Governance, Leadership and Learning Environments

Natural Amenities

Story County Comprehensive Plan 2036
Cornerstone to Capstone

IMPLEMENTATION MATRIX

CORNERSTONE TO CAPSTONE

ADOPTED ON NOVEMBER 8, 2016
Updated and Amended July 2023
STORY COUNTY BOARD OF SUPERVISORS

Story County
IOWA • 1853

IMPLEMENTATION MATRIX

List of Acronyms

AEDC	Ames Economic Development Commission
AR	Agricultural Resources
BOS	Board of Supervisors (Story County)
C2C Plan	Cornerstone to Capstone Plan
CFS	Community Facilities and Services
CPS	Communications and Public Safety
CR	Cultural Resources
EH	Environmental Health Department
EMA	Emergency Management Agency
EmP	Emergency Preparedness
EP	Economic Prosperity
E-SR	County Engineer-Secondary Roads Department
H	Housing
HUD	Department of Housing and Urban Development
IC	Intergovernmental Coordination
IDOT	Iowa Department of Transportation
IEDA	Iowa Economic Development Authority
IU	Infrastructure and Utilities
LU	Land Use
NRR	Natural Resources and Recreation
P&D	Planning and Development Department
SCCB	Story County Conservation Board
T	Transportation
UP	Union Pacific Railroad

IMPLEMENTATION MATRIX

The Cornerstone to Capstone (C2C) Plan is the foundation of the Implementation Matrix. The Plan's adoption was the first step in the implementation process. Continuing action to implement the Plan will be needed for it to have lasting impact. This Implementation Matrix prioritizes how we will move our vision forward. It is Story County's to-do list with which we will track our progress, report results, and provide opportunities to grow with the vision we have set forth.

This Implementation Matrix describes how the policies and actions in the C2C Plan should be carried out. It provides recommendations for administering the planning process and enhancing linkages between the C2C Plan , Strategic Plan, and the Capital Improvement Program (CIP). It recommends steps to monitor, evaluate, and update the Plan on a regular basis. Story County does a number of existing action items. The County fully intends to continue to do these action items, but while they are in the C2C Plan, they are not identified in this Implementation Matrix. These action items are already being implemented, and, as such, built into existing work programs and other plans.

The Implementation Matrix is broken into key Action Areas related to the chapters of the C2C Plan. Each area contains a reference to the vision and goal from the C2C Plan; identifies action items, key tasks, timeframes, responsible departments and offices; and, if applicable, identities preliminary budget implications. It is important to note that the order in which the Action Areas appear does not indicate a priority order.

The timeframes listed throughout this Implementation Matrix are as follows:

- ♦ Immediate (0 to 2 years following adoption and updates of the Implementation Matrix—2018-2020)
- ♦ Medium (3 to 5 years following adoption and updates of the Implementation Matrix—2021-2023)
- ♦ Long (6 to 10 years following adoption and updates f the Implementation Matrix—2024-2028)
- ♦ Annual/Ongoing

Tasks/Projects are reorganized according to the timeframe in which they are anticipated to be completed. These matrices can be found on pages 14-18 at the end of this document.

IMPLEMENTATION MATRIX

The Cornerstone to Capstone Plan is a "living" guide for growth and change in Story County. There will be times that Story County will experience change that brings forward a discussion regarding the C2C Plan strategies. It is at this time the Plan may need to be amended, considering Story County's long-term vision set forth in the Plan.

To maintain the relevancy of the C2C Plan, Story County will:

♦ Annually review set community indicators that formed the foundation for the original planning process.

C2C Plan Goal/ Policy Reference	Action Step	Lead	Timeframe	Budget
Chapter 1	Develop metrics from community indicators to use for annual review	BOS	Immediate	NA
Chapter 1	Develop and adopt C2C Plan amendment process and establish public outreach toolkit	BOS	Immediate	$2,500
Chapter 2	Complete online survey following format and questions used in C2C Plan development	BOS	Annual	$1,000 annually
Chapter 2/ CFS-1	Provide semi-annual updates on the C2C Plan and quadrant meetings and discuss future planning efforts in regards to special needs facilities	BOS	Annual	NA

IMPLEMENTATION MATRIX

The Foundation Chapter of the C2C Plan presents Story County's vision, as well as goals, objectives and strategies to achieve that vision as related to Agricultural Resources, Community Facilities and Services, Housing, Communications and Public Safety, Emergency Preparedness, Cultural Resources, Infrastructure and Utilities, and Intergovernmental Coordination.

C2C Plan Goal/Policy Reference Action Step	Lead	Timeframe	Budget
CFS-1 Ensure the County's community facilities are of high quality and protect public health, as well as the county's natural resources and rural character.			
Provide semi-annual updates on the C2C Plan and quadrant meetings and discuss future planning efforts	BOS	Annual	NA
AR-1 Protect agricultural practices in areas with prime soils and viable agricultural interests. *AR-3 Preserve prime farmland and the rural landscape as a viable foundation for a strong and growing agricultural economy.*			
Complete a comprehensive review and update of the Land Evaluation and Site Assessment System (LESA) for continued use	P&D	Immediate	$5,000
Identify and evaluate water quality programs and Best Management Practices	SCCB	Medium	NA
AR-2 Minimize conflicts between agricultural and nonagricultural land uses.			
Create a development review evaluation matrix to determine potential agricultural/non-agricultural conflicts	P&D	Immediate	NA
Develop a density-based zoning program	P&D	Immediate	$5,000
AR-3 Preserve prime farmland and the rural landscape as a viable foundation for a strong and growing agricultural economy.			
Explore partnerships to build on existing and potential agri-tourism programs	BOS	Immediate	NA

CORNERSTONE TO CAPSTONE

Story County
IOWA · 1853

IMPLEMENTATION MATRIX

C2C Plan Goal/Policy Reference Action Step	Lead	Timeframe	Budget
H-1 Plan for safe, attractive and affordable housing to meet existing needs and forecasted housing demands of all residents of the county.			
Local housing trust formation	ACE	Immediate	NA
Continue participation in HUD Lead Hazard Control Program and encourage communities to consider joining when opportunity arises	EH	Annual	NA
Continue offering radon test kits	EH	Annual	NA
H-3 Housing is planned for, designed, and built in a way that responds to residents' needs and reflects their voices and experiences.			
Draft "healthy homes" design guidelines	P&D	Immediate	NA
Develop public outreach toolkit to be used with the development review process	P&D	Immediate	NA
Determine viability of using health impact assessments	BOS	Immediate	NA
CFS-1 Ensure the County's community facilities are of high quality and protect public health, as well as the county's natural resources and rural character.			
Continue to conduct annual meetings with librarians	BOS	Annual	NA
CFS-2 Provide adequate access to quality educational and recreational facilities for all residents in Story County.			
Continue to conduct annual meetings with school districts	BOS	Annual	NA
CPS-1 Encourage and provide open communication between residents and Story County.			
Develop and implement information regarding public safety to be available at community facilities	BOS	Immediate	$2,500
CPS-3 Support and maintain high-quality County facilities and services to meet the needs of residents.			
Conduct an annual meeting of the Board of Supervisors, 911 Board, and Emergency Management Commission	BOS	Annual	NA

IMPLEMENTATION MATRIX

C2C Plan Goal/Policy Reference Action Step	Lead	Timeframe	Budget
EmP-1 Mitigate the risk of impacts before a disaster.			
Develop outreach campaigns for Flood Awareness Month and National Preparedness Month	EMA/ BOS	Annual	$2,500
Audit regulations to determine whether we have "Smart Development Practices" that limit disaster impacts	P&D/ EMA/ BOS	Immediate	NA
Develop plan and potential locations for construction and demolition landfills sites for purposes of debris clean-up following disaster(s)	P&D/ EMA	Immediate	NA
CR-1 New development in the unincorporated areas of Story County respects and enhances the area's rural character.			
Review parking regulations and design requirements	P&D	Immediate	NA
Review lighting standards	P&D	Immediate	NA
IU-1 Support practices that ensure utility infrastructure protects public health, as well as the county's natural and agricultural resources and rural character.			
Require that the property owner, or their agent, fund the preparation of a site analysis from an independent soil scientist or other related professional prior to approving new developments in areas where groundwater quality or quantity is a concern.	P&D/ EH	Immediate	NA
Conduct annual meetings with city administrations	BOS	Annual	NA

IMPLEMENTATION MATRIX

The abundance and health of our natural resources and recreation are vital to the well-being of our communities, the prosperity of our economy and the health of our regional ecological systems. Chapter 4 in the C2C Plan outlines the goals, objectives, and strategies for preserving, protecting, restoring, and enhancing our natural and recreation resources. Because all systems are interconnected, these goals address water, land, wildlife, air, vegetation, soil, geology, and the welfare of our citizens.

C2C Plan Goal/Policy Reference Action Step	Lead	Timeframe	Budget
NRR-1 *Preserve, protect, restore, and enhance the quality of Story County's ground water and surface water.*			
Identify and encourage stormwater Best Management Practices for County-approved projects	SCCB/ E-SR	Annual	TBD for specific projects
Map impaired water bodies	SCCB/ BOS	Immediate	NA
Develop water quality (at watershed level) outreach and education toolkit	SCCB/ BOS	Immediate	$7,000
Encourage water quality improvement strategies in drainage districts	E-SR/ SCCB	Annual	TBD
Create outreach program/ identify existing programs to promote sustainable agricultural and water quality improvement techniques and practices	SCCB	Medium	TBD
NRR-2 *Preserve, protect, restore, and enhance Story County's land, soil, and geological resources.*			
Inventory/map existing below-surface resources, and explore/ implement strategies for their protection	EH	Medium	TBD
Development outreach toolkit on soil and geologic resources	EH/ SCCB	Medium	TBD

ITEM COMPLETED

IMPLEMENTATION MATRIX

C2C Plan Goal/Policy Reference Action Step	Lead	Timeframe	Budget
NRR-3 Restore the natural diversity, dynamics, distributions, habitats, and behaviors of Story County's native plant and animal populations.			
Inventory sensitive natural areas	SCCB	Immediate	$75,000
Review floodplain regulations	SCCB	Immediate	$2,500
NRR-3 Restore the natural diversity, dynamics, distributions, habitats, and behaviors of Story County's native plant and animal populations. *NRR-4 Maintain, improve, and expand recreational features (parks, trails, and open space) and their services for current and future safe access and use.*			
Promote and encourage pollination plots and buffer strips	SCCB	Medium	$40,000
NRR-4 Maintain, improve, and expand recreational features (parks, trails, and open space) and their services for current and future safe access and use.			
Prioritize and implement trail construction and improvement projects	SCCB	Annual	TBD
NRR-4 Maintain, improve, and expand recreational features (parks, trails, and open space) and their services for current and future safe access and use. *NRR-5 Foster air quality improvement to preserve natural resources and sustain community health and enjoyment.* *T-1 Provide a safe, efficient, multi-modal, and well-maintained transportation network for all residents, farmers, commercial and emergency vehicles.*			
Biennial review of existing trail network and trails and greenways plan	SCCB	Annual	TBD
Review and consider complete streets designs as appropriate to Story County	E-SR/ P&D	Medium	TBD
NRR-7 Focus resources on high-priority areas identified within Story County.			
Work with the City of Ames to explore and prioritize the Hallett materials extraction site located SW of I-35/US 30 interchange for potential reuse and revitalization	BOS	Long	TBD

IMPLEMENTATION MATRIX

Planning for future land uses allows Story County to determine the best locations for future growth and development within the county. This involves community engagement, wise natural resource management, and accurate projections in relation to where and how growth will and should occur. Furthermore, it is important to establish unique characteristics of the area, themes to implement, and types of land use strategies to help build upon that character as Story County continues to grow and prosper.

C2C Plan Goal/Policy Reference Action Step	Lead	Timeframe	Budget
LU-1 Identify and map areas to guide future development in unincorporated Story County.			
Conduct annual review of future land use map	P&D	Annual	NA
LU-1 Identify and map areas to guide future development in unincorporated Story County. *NRR-3 Restore the natural diversity, dynamics, distributions, habitats, and behaviors of Story County's native plant and animal populations.*			
Conduct a comprehensive review of Land Development Regulations, including rezonings as necessary, to implement C2C and future land use map	P&D	Immediate	NA
LU-2 Preserve, protect, and plan around the physical characteristics of the land, including floodplains, steep slopes, wetlands, rich soils, and rare geologic or environmental characteristics.			
Designate Natural Resource Areas on future land use map	P&D SCCB	Annual	NA
LU-3 Consider the availability and capacity of local services and infrastructure when determining future land uses.			
Establish Minimum Levels of Service (MLS) requirements	P&D	Immediate	NA
LU-4 Evaluate short and long-term financial impacts to the County budget when considering development proposals.			
Establish location guidelines for proposed subdivisions	P&D	Immediate	NA
LU-7 Identify and preserve areas of historical and cultural significance. *EP-10 Support historic preservation efforts in the county through the Certified Local Government program.*			
Develop cultural/historical preservation plan and staff training	BOS	Immediate	$75,000

IMPLEMENTATION MATRIX

The economic development component of the C2C Plan identifies the economic development strategies that the various communities in the county, as well as the County as a whole, may pursue in the future to facilitate economic development and support and encourage a strong, vibrant economy.

| C2C Plan Goal/Policy Reference Action Step	Lead	Timeframe	Budget
EP-1 Cooperate regionally to focus on common goals and allocate resources accordingly to maximize successful business start-up, retention, expansion and recruitment efforts.			
Continue to foster regional cooperation and allocation of resources through AEDC contracts	BOS	Annual	$130,000 annually
EP-2 Create a healthy and sustainable regional economy by the retention, expansion and recruitment of business.			
Continue to fund and look for ways to promote the Home Base Iowa programming	BOS	Annual	$10,000 annually
Consider development of solar farm regulations	BOS	Immediate	$1,000
EP-4 Create and encourage a regulatory environment that offers flexibility, consistency, predictability, clear direction, and enhances economic development opportunities.			
Conduct a biennial review of Story County Code of Ordinances	BOS	Annual	NA

ITEM COMPLETED

IMPLEMENTATION MATRIX

C2C Plan Goal/Policy Reference Action Step	Lead	Timeframe	Budget
Develop and distribute business development toolkit	BOS	Immediate	$2,500
EP-8 In order to provide the foundation for economic development and expansion, the County and the various municipalities must ensure that businesses and organizations have sufficient resources in terms of infrastructure and available land for expansion. The Land Use chapter outlines the areas of the county designated for various future land uses. Specific to economic development, the various communities must both work individually and together to ensure that adequate space is available for expansion of business, including land for new buildings and facilities, as well as a sufficient base of buildings ready for business expansion and operations.			
Conduct annual available lands analysis	BOS	Annual	NA

ITEM COMPLETED
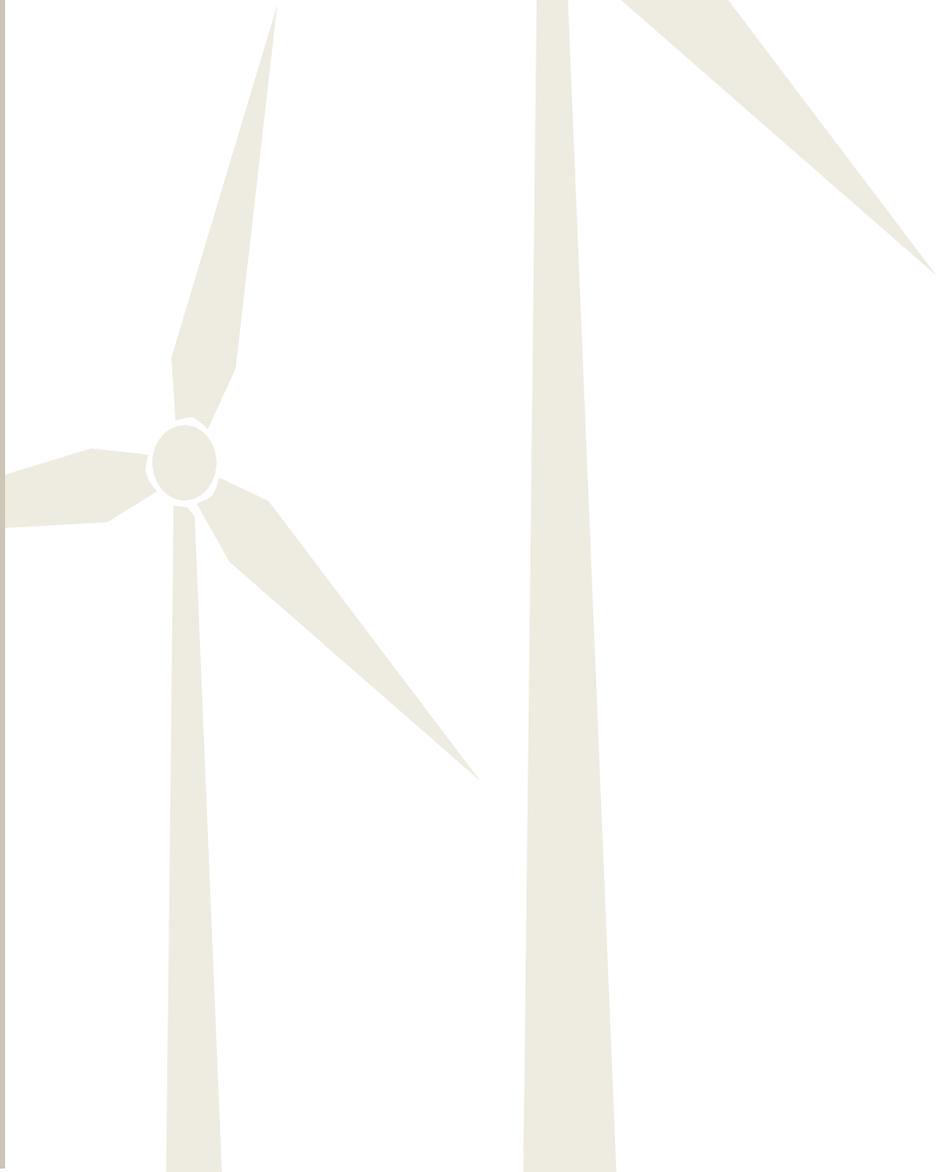
IMPLEMENTATION MATRIX

A vibrant transportation system is a very important part of economic development. Transportation decisions should be made with that in mind. To facilitate orderly and efficient growth, an effective and safe transportation network is needed. The transportation network should encourage a variety of modes of transportation to make possible the movement of goods and people.

C2C Plan Goal/Policy Reference Action Step	Lead	Timeframe	Budget
T-1 Provide a safe, efficient, multi-modal, and well-maintained transportation network for all residents, farmers, commercial, and emergency vehicles.			
Develop guidelines for use and applicability of a Transportation Impact Analysis in conjunction with the development review process	E-SR/ P&D	Immediate	NA

ITEM COMPLETED

IMPLEMENTATION MATRIX

Annual/Ongoing 1

Immediate 2

Medium 3

Long 4

Tasks/Projects are reorganized according to the timeframe in which they are anticipated to be completed.

C2C Plan Goal/ Policy Reference	Action Step	Lead
H-1	Continue offering radon test kits	EH
CFS-1	Continue to conduct annual meetings with librarians	BOS
CFS-2	Continue to conduct annual meetings with school districts	BOS
CPS-3	Conduct an annual meeting of the BOS, 911 Board, and Emergency Management Commission	BOS/EMA
EmP-1	Develop outreach campaigns for Flood Awareness Month and National Preparedness Month	EMA/BOS
IC-1	Conduct annual meetings with city administrations	BOS
NRR-1	Identify and encourage stormwater Best Management Practices for County-approved projects	SCCB/E-SR
NRR-1	Encourage water quality improvement strategies in drainage districts	E-SR/SCCB
NRR-4	Prioritize and implement trail construction and improvement projects	SCCB
NRR-4/ NRR-5/T-1	Biennial review of existing trail network and trails and greenways plan	SCCB
LU-1	Conduct annual review of future land use map	P&D
LU-2	Designate Natural Resources Areas on future land use map	P&D/SCCB
EP-1	Continue to foster regional cooperation and allocation of resources through AEDC contracts	BOS
EP-2	Continue to fund and look for ways to promote the Home Base Iowa programming	BOS
EP-4	Conduct a biennial review of regulations	BOS
EP-8	Conduct annual available lands analysis	BOS

IMPLEMENTATION MATRIX

Annual/Ongoing 1
Immediate 2
Medium 3
Long 4

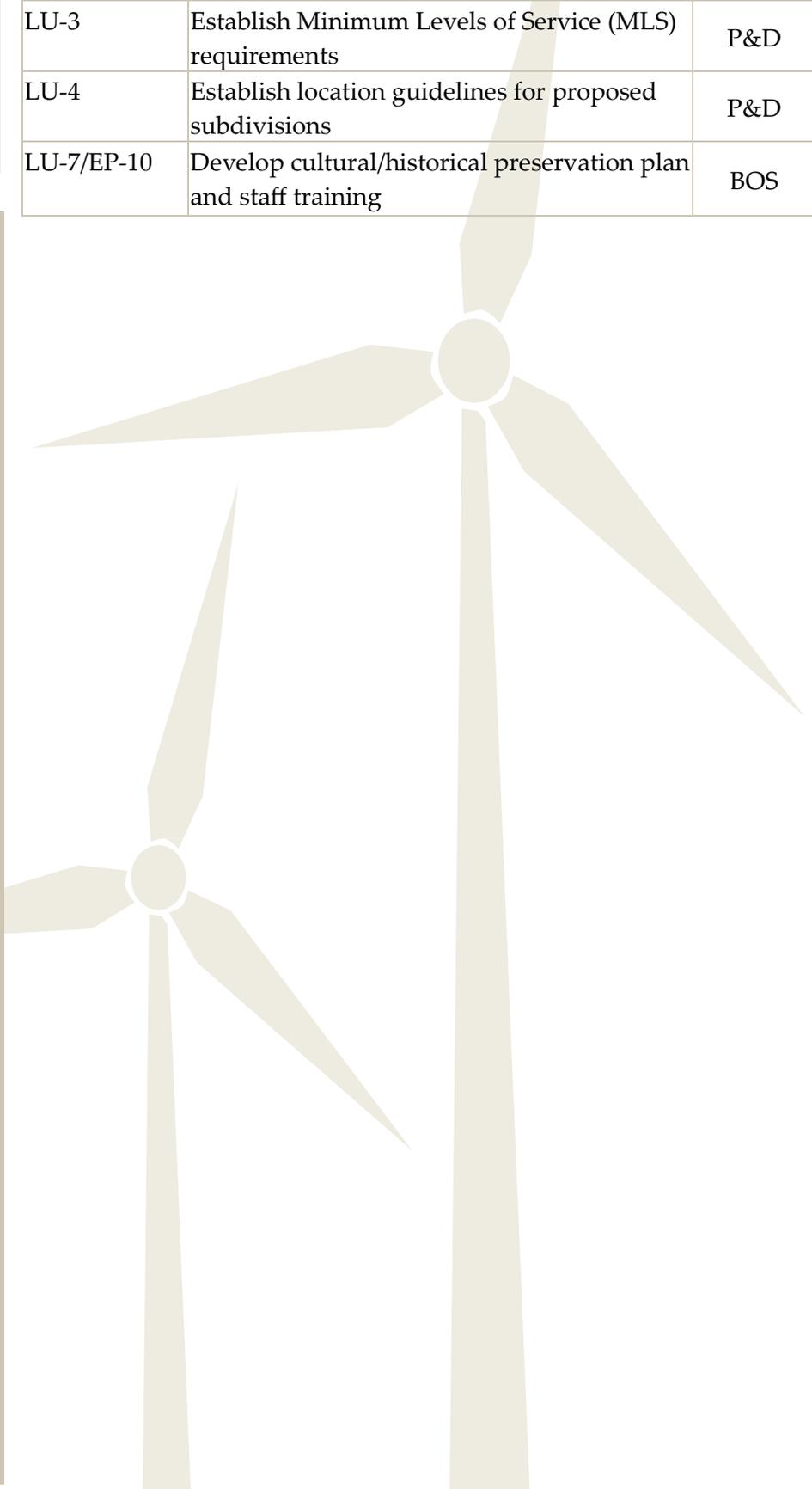| C2C Plan Goal/Policy Reference	Action Step	Lead
AR-2	Create a development review evaluation matrix to determine potential agricultural/non-agricultural conflicts	P&D
AR-2	Develop a density-based zoning program	P&D
AR-3	Explore partnerships to build on existing and potential agri-tourism programs	BOS
H-3	Draft "healthy homes" design guidelines	P&D
H-3	Develop public outreach toolkit to be used with the development review process	P&D
CPS-1	Develop and implement information regarding public safety to be available at community facilities	BOS
EmP-1	Audit regulations to determine whether we have "Smart Development Practices" that limit disaster impacts	P&D/EMA/BOS
CR-1	Review parking regulations and design requirements	P&D
CR-1	Review lighting standards	P&D
IU-1	Require that the property owner, or their agent, fund the preparation of a site analysis from an independent soil scientist or other related professional prior to approving new developments in areas where groundwater quality or quantity is a concern.	P&D/EH
NRR-3	Inventory sensitive areas	SCCB
NRR-3	Review floodplain regulations	BOS
LU-1/NRR-3	Comprehensive review of Land Development Regulations, including rezonings, as necessary, to implement C2C and future land use map	P&D

IMPLEMENTATION MATRIX

Annual/Ongoing 1
Immediate 2
Medium 3
Long 4

C2C Plan Goal/Policy Reference	Action Step	Lead
LU-3	Establish Minimum Levels of Service (MLS) requirements	P&D
LU-4	Establish location guidelines for proposed subdivisions	P&D
LU-7/EP-10	Develop cultural/historical preservation plan and staff training	BOS

IMPLEMENTATION MATRIX

Ongoing 1
Immediate 2
Medium 3
Long 4

C2C Plan Goal/Policy Reference	Action Step	Lead
AR-1	Encourage implementation of water quality improvement and conservation practices on rural lands	SCCB
NRR-1	Create outreach program/identify existing programs to promote sustainable agricultural and water quality improvement techniques and practices	SCCB
NRR-2	Inventory/map existing below-surface resources and explore/implement strategies for their protection	EH
NRR-2	Develop outreach toolkit on soil and geologic resources	EH/SCCB
NRR-3/NRR-4	Promote and encourage pollination plots and buffer strips	SCCB
NRR-5/T-1	Review and consider complete streets designs as appropriate to Story County	SR/P&D

IMPLEMENTATION MATRIX

C2C Plan Goal/Policy Reference	Action Step	Lead
NRR-7	Work with the City of Ames to explore and prioritize the Hallett materials extraction site located SW of I-35/US 30 interchange for potential reuse and revitalization	BOS

Ongoing 1

Immediate 2
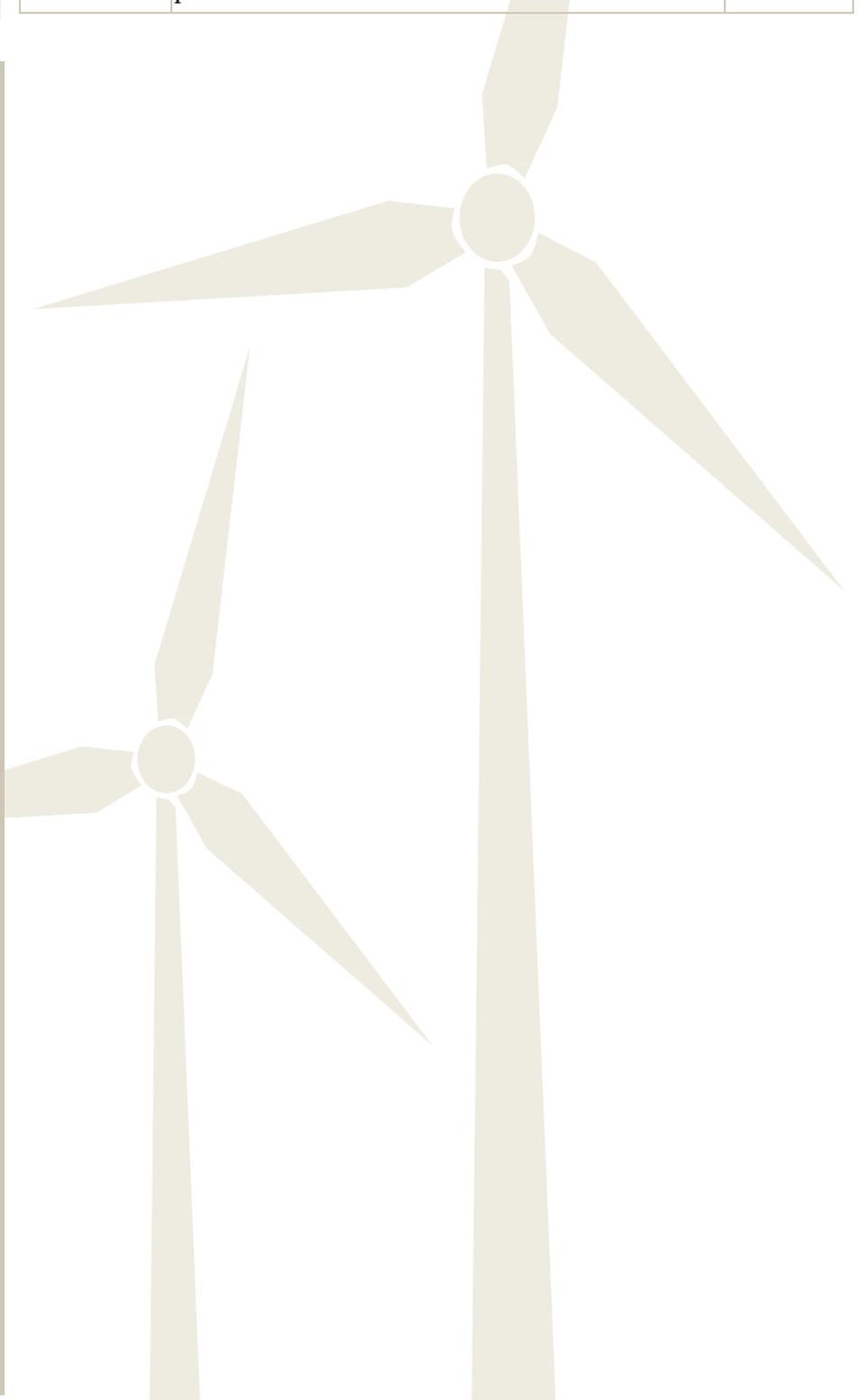
Medium 3

Long 4

IMPLEMENTATION MATRIX
Watershed Assessments

GOAL STATEMENT

The Watershed Working Group is comprised of Story County staff and elected officials whose responsibilities include elements related to water quality. The Countywide Watershed Assessment Report (Emmons & Olivier Resources August 2018) establishes the County's water quality baseline. The Watershed Working Group is a mechanism for these individuals to:

- Communicate current and planned efforts,
- Identify gaps,
- Coordinate joint efforts, and
- Communicate overall County efforts and recommendations to the Board of Supervisors.

Departments are charged with the Watershed Assessment Implementation Matrix efforts through their individual work plans and budgets. The Watershed Working Group acts as a catalyst for completion of those efforts, updating the Matrix annually. Updates to the Watershed Assessment and Implementation Matrix shall be included in the Annual Review of the Story County Comprehensive Plan 2036 Cornerstone to Capstone.

The Watershed Assessment Implementation Matrix is adopted as a component of the Cornerstone to Capstone (C2C) Plan Implementation Matrix.

IMPLEMENTATION MATRIX
Watershed Assessments

Goal Statement 1

Prioritization Criteria 2

Organization 3

Regulatory 4

Programmatic 5

Capital Improvement 6

Partners 7

Priorities are identified based on the following criteria:

Low Priority

- Steps for which previous efforts have been made or slowed

- Steps outside the County's ability to affect

- Long time frame (6-10 years)

Medium Priority

- Steps necessary for impactful water quality or flood mitigations improvements but not required for subsequent action step implementation

- Secondary actions that will benefit from high priority work items when completed

- Medium time frame (3-5 years)

High Priority

- Project is underway

- Other items rely on the step – it sets groundwork and is necessary to implement subsequent steps

- Step will provide measurable results

- Steps addresses known areas of great significant concerns and will have county-wide outcomes

- May be classified as Immediate time frame (0-2 years) or Medium time frame (3-5 years)

IMPLEMENTATION MATRIX
Watershed Assessments

Projects/Action Steps are categorized into three areas:

- Regulatory

- Programmatic

- Capital Improvement

Associated with each Action Step is an assigned Priority, Responsible Party, Estimated Budget Amount, Identifiable Funding Source and Notes.

While the Watershed Assessment Implementation Matrix is considered a component of the C2C Plan, it is anticipated that the Working Group will meet quarterly to review Action Steps and provide update and bring forward modifications as necessary. These will then be built into the Annual Review of the C2C Plan.

IMPLEMENTATION MATRIX
Watershed Assessments

Goal Statement 1

Prioritization Criteria 2

Organization 3

Regulatory 4

Programmatic 5

Capital Improvement 6

Partners 7

Action Step		Priority	Responsible Party	Budget	Identifiable Funding Source Yes/No
1.1	Adopt and implement stormwater ordinance	High	Board of Supervisors Planning and Development	$500	Yes
	Notes:	Planning and Zoning Commission and Board of Supervisors may take action in December.			
1.2	Floodplain ordinance modification	High/ Ongoing	Board of Supervisors	$1,150	Yes
	Notes:	Prohibit incompatible uses within streams and lake buffers			
1.3	Erosion Control and Stormwater Management Regulations	Medium	Planning and Development	TBD	TBD
	Notes:	a. Streamline development permitting processes (especially erosion control and stormwater management), engage the development community, and develop legitimacy for new ordinances and policies b. Develop and implement consistent enforcement strategies and tactics			

ITEM COMPLETED

IMPLEMENTATION MATRIX
Watershed Assessments

Goal Statement 1

Prioritization Criteria 2

Organization 3

Regulatory 4

Programmatic 5

Capital Improvement 6

Partners 7

	Action Step	Priority	Responsible Party	Budget	Identifiable Funding Source Yes/No
2.1	Convene a water quality working group	Ongoing	Board of Supervisors Story County Conservation Board Story County Board of Health	No Costs	NA
	Notes:	Interdepartmental working group to guide County water quality efforts			
2.2	Develop Riparian Area Action Plan or acquire/ protect critical riparian areas	High	Board of Supervisors Story County Conservation Board Planning and Development	TBD	Yes
	Notes:	a. Investigate means to establish vegetated buffers on streams and lakes and implement as appropriate. b. Review current Land Development Regulations (specifically the Chapter 88 General Site Planning Standards) to see how they support or hinder the implementation of the watershed assessments			
2.3	Develop Wetland Mitigation Bank or acquire/protect critical wetlands	High	Board of Supervisors Story County Conservation Board Planning and Development	$2,500 and $776	Yes
	Notes:	a. Investigate the economic feasibility of developing a commercial mitigation bank as a means for financing wetland restoration projects b. Prioritize wetland restoration sites using the Agricultural Conservation Planning Framework (ACPF) tool c. Work to identify willing landowners and funding partners d. Review current Land Development Regulations (specifically Chapter 88 General Site Planning Standards) to see how they support or hinder the implementation of the watershed assessments and consider adopting protective measures e. Map wetlands			

IMPLEMENTATION MATRIX
Watershed Assessments

Goal Statement 1

Prioritization Criteria 2

Organization 3

Regulatory 4

Programmatic 5

Capital Improvement 6

Partners 7

	Action Step	Priority	Responsible Party	Budget	Identifiable Funding Source Yes/No
2.4	Develop Stream Mitigation Bank or stabilize critical streambanks and buffers	High	Story County Conservation Board Board of Supervisors	$2,500	Yes
	Notes:	a. Investigate the economic feasibility of developing a commercial mitigation bank as a means for financing streambank restoration projects b. Prioritize Streambank Erosion Sites c. Work to identify willing landowners and funding partners			
2.5	Protect native prairie remnants	High/Ongoing	Story County Conservation Board Planning and Development Board of Supervisors	TBD	Yes
	Notes:	a. Consider rezoning or other protective measures to the Chapter 88 General Site Planning Standards b. Identify prairie remnants			
2.6	Sensitive Environmental Areas enhancement and protection program	High	Story County Conservation Board Planning and Development Board of Supervisors	TBD	Yes
	Notes:	a. Develop an assistance program for willing landowners b. Protect parcels with willing landowners c. Consider rezoning identified lands to the GB-C Greenbelt Conservation Zone District. with willing landowners			
2.7	Nutrient Reduction and Bacteria Reduction Practice Implementation	High/Ongoing	Story County Conservation Board Board of Supervisors	$50,000	Yes
		a. Research and inventory cost share programs to determine availability and ability to leverage funds b. Develop a cost share program for conservation practices based on nutrient reduction effectiveness ($/lbs. system)			
2.8	Nutrient Reduction and Bacteria Reduction Outreach	High	Story County Conservation Board	TBD	Yes
	Notes:	a. Educate and engage agricultural producers in using conservation practices in farming and livestock production b. Educate and engage residents in methods to reduce bacteria and nutrients entering water resources			

IMPLEMENTATION MATRIX
Watershed Assessments

Goal Statement 1

Prioritization Criteria 2

Organization 3

Regulatory 4

Programmatic 5

Capital Improvement 6

Partners 7

	Action Step	Priority	Responsible Party	Budget	Identifiable Funding Source Yes/No
2.9	Drainage District Operational Guidance	Medium/ Ongoing	Drainage District Trustees	TBD	Yes
	Notes:		a. Review current procedures and recommendation from Watershed Assessment b. As available, share best practices and related materials with Drainage District Trustees and the general public c. Pilot projects for drainage, i.e. Dotson Wetland Project, IDALS wetlands projects		
2.10	Water Quality Monitoring	High/ Ongoing	Story County Conservation Board	$25,000	Yes
	Notes:		a. Convene a working group (e.g. staff, officials, stakeholders) to implement a comprehensive monitoring program according to EOR's recommendations ($25,000 for Prairie Rivers RC&D Contract) b. Work with IIHR to establish Full Sentinel Site monitoring at locations along South Skunk River per watershed assessment Report c. Continue establishment of General Sentinel Site monitoring at locations identified in watershed assessment d. Consider initiating-discussions with Iowa Flood Center for location of stream sensors		
2.11	Municipal Outreach	Medium	Board of Supervisors Planning and Development	$1,100	Yes
	Notes:		a. Partner with ISWEP for lunch and learn moments/ opportunities for training the public and cities regarding modern stormwater management and erosion control. b. Work with State and Federal authorities and agencies to investigate ways to incorporate stormwater management in municipal infrastructure projects		

Goal Statement 1

Prioritization Criteria 2

Organization 3

Regulatory 4

Programmatic 5

Capital Improvement 6

Partners 7

	Action Step	Priority	Responsible Party	Budget	Identifiable Funding Source Yes/No
2.12	WMA Collaboration	Ongoing	Board of Supervisors Story County Conservation Board	$175	Yes
Notes:	a. Work with existing Watershed Management Authorities (WMA) within the County on common goals b. Support formation of new WMAs particularly within the South Skunk and East Indian Creek watersheds				
2.13	Erosion Control and Stormwater Management Outreach	Medium/ Ongoing	Board of Supervisors Story County Conservation Board Planning and Development	TBD	Yes
Notes:	a. Educate and engage residents and other stakeholders regarding the impacts of erosion and stormwater management b. Partner with municipalities and WMA's to conduct outreach on green infrastructure design to implement ordinances c. Outreach program focusing on schools and homeowners				
2.14	Floodplain Management	High	Board of Supervisors Planning and Development	TBD	Yes
Notes:	a. Initiate staff discussions with County Attorney regarding interpretation and use of floodplain ordinance for conservation practices b. Initiate high-level discussions with U.S. FEMA and Iowa DNR about federal and state interpretation of conservation practices in the floodplain c. Educate and engage stakeholders regarding County's interpretation of floodplain ordinance d. Continue to explore partnerships and opportunities for the protection of flood prone properties in unincorporated Story County e. Distribute the "Know your Floodplain" curriculum to middle school and high school science/voc-ag teachers annually and provide opportunities to use the Ward 3-D Stormwater Simulation Model to engage with students and citizens f. Develop Substantial Damage Management Plans (as part of the Community Rating System (CRS) Program)				

IMPLEMENTATION MATRIX
Watershed Assessments

Goal Statement 1

Prioritization Criteria 2

Organization 3

Regulatory 4

Programmatic 5

Capital Improvement 6

Partners 7

	Action Step	Priority	Responsible Party	Budget	Identifiable Funding Source Yes/No
2.15	Feedlot Outreach	Medium	Board of Supervisors Environmental Health	$250	Yes
	Notes:	a. Establish policy and practices for County staff b. Provide training to County staff who are in the field to recognize environmental issues associated with feedlots c. Coordinate with other counties, cities, and other entities to create and implement strategy to lobby state legislature for improved role for Counties in feedlot regulation			
2.16	Establish Source Water Protection Plans	Low	Board of Supervisors Board of Health	TBD	TBD
	Notes:	Affected cities work with the Iowa Department of Natural Resources to conduct site investigations and development protection plans.			
2.17	Wastewater Management Practices	Medium	Board of Supervisors Environmental Health Board of Health	$250	TBD
	Notes:	a. As appropriate, identify opportunities to assist local wastewater facility operators on upgrading systems b. Identify, and if available, provide additional resources for illicit discharge detection and elimination c. Work with wastewater treatment operators within County to investigate options for developing a nutrient trading program d. Identify and promote available financial assistance programs for property owners with failing/non-compliant private septic systems and establish a cost share program for failing/non-compliant private septic systems at the County level			
2.18	Update GIS Data (to reflect implementation practices and planning)	High/ Ongoing	Story County Conservation Board	TBD	Yes
	Notes:	a. Initiate staff discussions with County Attorney regarding Update existing practices data on mapping tools b. Update existing conservation practices GIS layer on agricultural land			

IMPLEMENTATION MATRIX
Watershed Assessments

Goal Statement 1

Prioritization Criteria 2

Organization 3

Regulatory 4

Programmatic 5

Capital Improvement 6

Partners 7

	Action Step	Priority	Responsible Party	Budget	Identifiable Funding Source Yes/No
3.1	Drainage Ditches	Ongoing	Drainage District Trustees	TBD	TBD
	Notes:	As projects come up, as applicable, and when the Drainage District Trustees request an engineering report, analyze all drainage ditch maintenance and improvement needs for water quality practices			
3.2	Story County Infrastructure	Ongoing	Board of Supervisors	TBD	Yes (on a case-by-case basis)
	Notes:	Ensure capital projects have a positive or neutral effect on water quality.			

IMPLEMENTATION MATRIX
Watershed Assessments

Goal Statement 1

Prioritization Criteria 2

Organization 3

Regulatory 4

Programmatic 5

Capital Improvement 6

Partners 7

Organization	Effort
Prairie Rivers of Iowa	Outreach
	Agricultural practices
City of Ames	Stormwater
	Ambient monitoring
	Outreach
Iowa Stormwater Education Partnership	Outreach
ISU Learning Farms	Outreach
ISU Extension	Outreach
ISU UTurn	TELC quality monitoring
ISU Agriculture and Bioscience Engineering	Ambient Testing
USDA Natural Resource Conservation Service	Agricultural practices, Outreach
USDA Farm Service Agency	Agricultural practices
Story County Soil and Water Conservation District	Agricultural practices
Iowa Soybean Association	Outreach
	Agricultural quality monitoring, watershed planning
Iowa DNR	Wastewater program
	Ambient monitoring – lake and stream
	Floodplain Management/Mapping
Iowa Natural Heritage Foundation	Land protection
Iowa Prairie Network	Land Protection
Squaw Creek Watershed Coalition	Ambient Monitoring
Iowa Water Center	Outreach
Iowa Homeland Security and Emergency Management	Outreach
	Programmatic/regulatory best practices
Iowa Flood Center	Mapping
	Monitoring
Iowa Floodplain and Stormwater Management Association	Outreach
	Programmatic/regulatory best practices

IMPLEMENTATION MATRIX
Watershed Assessments

Goal Statement 1

Prioritization Criteria 2

Organization 3

Regulatory 4

Programmatic 5

Capital Improvement 6

Partners 7

Organization	Effort
USGS – Iowa Water Science Center	Monitoring
	Outreach
Trees Forever	Outreach
	Agricultural practices
	Outreach
Squaw Creek Watershed	Programmatic/regulatory best practices
Four-Mile Creek Watershed Management Association	Outreach
	Programmatic/regulatory best practices
Iowa Rivers Revival	Outreach
	Programmatic/regulatory best practices
Iowa Hygienic Lab	Monitoring
Silver Jackets	Outreach
	Programmatic/regulatory best practices