

## Chapter 8—Implementation Plan

Comprehensive Plans serve communities best when they are designed and used as frequent references to the regular operations of local government. Whenever decisions are to be made about the physical development of the city, including the maintenance and investment of city infrastructure, consultation with the Comprehensive Plan can help ensure the decisions made are coordinated and consistent with each other.

The preceding chapters have a number of goals and policies explicitly stated or implicitly inferred. These goals and policies are summarized below and should be used by the Planning Commission and the City Commission to evaluate all the development related decisions to ensure that the decisions are consistent with this Comprehensive Plan.

**Transportation Goal:** Provide a safe and interconnected roadway system for appropriate access to new and existing development.

Policy 1— Ensure connectivity of the roadway network by providing at least two access points within each development to adjoining roadways

Policy 2— Prohibit direct access from individual lots unto roadways acting as collectors or arterials except for large traffic generators

Policy 3— Ensure appropriate roadway extensions by providing at least one east-west and one north-south collector road within each Section

**Land Use Goal:** Provide for the continued attractive growth and compatible development of the City.

Policy 4— Provide attractive gateways to the City by ensuring appropriate landscaping, screening, and/or building design of all development located along the arterial roadways leading into the City

Policy 5— Ensure land use development compatible with existing development by only approving new development or redevelopment which is consistent with the future land use plan and by requiring appropriate mitigation of potentially incompatible uses

Policy 6— Provide opportunities for new housing types and workforce housing

Policy 7— Protect the central business district by encouraging appropriate commercial and mixed use development

**Parks, Recreation, and Public Facilities Goals:** Provide a parks, recreation, and public facilities system that enhances the quality of life of local residents.

Policy 8— Provide an interconnected multi-use path system as an integral part of future development and redevelopment that is consistent with this comprehensive plan

**Utilities Goal:** Provide adequate water, wastewater, stormwater and electrical facilities to serve the existing and future development needs of the City.

The chart on the following page provides a checklist of actions in approximate order of implementation.

In addition to completing the recommendations noted in the recommendations chart, the City of Madison can most effectively implement this Comprehensive Plan by:

- Increasing the proficiency and quality of Planning Commission activities by providing training for its members and staff on a regular basis

- Providing briefings to incoming City Commissioners about the guiding role of comprehensive plans in city decisions and about the content of this Plan
- Reviewing progress towards implementing the recommendations of this Plan each year before the preparation and adoption of annual municipal budgets

Implementation Actions	Study	Ordinance Change	Other
Revise platting regulations to provide appropriate more detailed access management standards for arterials, collectors and local streets		✓	
Revise platting regulations to ensure appropriate right-of way preservation for future collectors and arterials		✓	
Revise zoning ordinance to provide appropriate development standards which will protect the visual quality of gateways to the City		✓	
Develop a highway noise compatibility plan consistent with SD DOT guidelines	✓	✓	
Revise zoning ordinance to provide appropriate development intensity in airport safety zone areas		✓	
Work with County to implement appropriate development intensity zoning in airport safety zone areas under County jurisdiction			✓
Initiate efforts to provide affordable housing in accordance with 2007 Madison Area Housing Study			✓
Revise zoning ordinance to provide the incorporation of neighborhood scale parks or open spaces within 1320 feet of all new residential neighborhoods		✓	
Complete a regional stormwater and floodplain management plan which creates strategies to address potential flood impacts within Madison and to cost-effectively meet stormwater management requirements in future development areas	✓		
Complete a water distribution study including a dynamically calibrated hydraulic model to plan and prioritize infrastructure maintenance and investment within the developed City and in future development areas	✓		
Complete a sanitary sewer evaluation study in order to determine what portion of the current inflow/infiltration problems are economically feasible to eliminate	✓		
Complete a sanitary sewer collection study to plan and prioritize infrastructure maintenance and investment within the developed City and in future development areas	✓		
Complete various electrical system improvements as documented in the 2002 electrical master plan, and evaluate ways to improve the financial management of the electrical system, including the completion of a rate study	✓		✓
Prepare and adopt policies which establish the way the City will prepare for and respond to the costs for water and sewer trunk line extensions			✓

Implementation Actions	Study	Ordinance Change	Other
Develop a park and recreation master plan which creates a strategy for future parks and recreation investments and facility locations, and establishes related funding policies	✓		✓
Prepare and adopt Mixed Use Overlay Zoning District standards and procedural guidelines		✓	
Prepare and adopt Medium Density and Rural Estate Residential Zoning District standards and procedural guidelines		✓	
Work with Lake County to develop appropriate zoning control over areas outside City limits and inside the City's future land use map			✓
Monitor crash frequency and locations, and review opportunities to increase safety with appropriate traffic management tools			✓
Seek opportunities to create a 4-way intersection in the vicinity of State Highways 34 and 19			✓

## References:

- AARP. 2004. *Understanding universal design* [online]. AARP. 2004. [cited 12 June 2007]. Available from the World Wide Web: [http://www.aarp.org/families/home\\_design/a2004-03-23-what\\_is\\_univdesign.html](http://www.aarp.org/families/home_design/a2004-03-23-what_is_univdesign.html)
- Banner Associates. 1977. *Water supply facilities and proposed improvements for the City of Madison, South Dakota*. City of Madison.
- Banner Associates. 1993. *Water utility planning documents*. City of Madison.
- Banner Associates. 1995. *Drainage basin storage and soil erosion prevention study*. City of Madison and Lake County.
- Banner Associates. 2007. *Facility plan: wastewater treatment facility*. City of Madison.
- Banner Associates. (personal communication, March 12, 2008 – Dave Odens). Comments regarding updates to water supply system.
- Brinkley, D. 1971. *Water investigation for the City of Pierre*. South Dakota Geological Survey, special report 52, 31p.
- Burden, D. 2001. *Build communities with transportation*. Distinguished Lecture Presentation - Transportation Research Board. Washington, D. C.
- Census of Governments. 1999. *Census of governments*, Volume 4: State and Local Finances. Washington, DC: US Census Bureau, Table 13: Municipal Government Finances for Population-Size Groups of Municipalities by State: 1996-97.
- Center for Disease Control. 1996. *Physical activity and health: a report of the Surgeon General*. Atlanta, GA.: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion.
- . 2001. *Increasing physical activity: a report on recommendations of the Task Force for Community Preventive Services*.
- City of Madison. 1996. *Comprehensive land use plan*. City of Madison. 1996
- City of Madison. 2006. *Rate schedules* [online]. Public Works. 2006 {3 August 2007}. Available from the World Wide Web: [http://www.cityofmadisonsd.com/index.asp?Type=B\\_BASIC&SEC={103C3711-0200-49A0-9980-D8BAC701F637}&DE={8EB9310A-2277-4C81-8D64-A39262FB4B92}](http://www.cityofmadisonsd.com/index.asp?Type=B_BASIC&SEC={103C3711-0200-49A0-9980-D8BAC701F637}&DE={8EB9310A-2277-4C81-8D64-A39262FB4B92})
- Crompton, J.L. 1999. *Strategic Options Available to the Trust for Public Land in Texas 2000-2004*. Austin, Texas: The Trust for Public Land.
- . 2000. *The impact of parks and open space on property values and the property tax base*. Ashburn, Va.: National Recreation & Park Association.

- Daniels, T.L., J.W. Keller, M.B. Lapping, K. Daniels, and J. Segedy. *The small town planning handbook, 3rd Ed.* Chicago: Planners Press.
- DeWild Grant Reckert and Associates Company. 2002. *Long range plan update for the municipal electric system: Madison, South Dakota.*
- EPA. 2001. *Functions and values of wetlands.* U.S. Environmental Protection Agency. EPA 843-F-01-002c
- EPA. 2006a. *Wetlands: prairie pothole region* [online]. U.S. Environmental Protection Agency. 2006 [19 June 2007]. Available from the World Wide Web: <http://www.epa.gov/owow/wetlands/types/pothole.html>
- EPA. 2006b. *Wetlands: protecting life and property from flooding.* U.S. Environmental Protection Agency. EPA 843-F-06-001
- ERE Yarmouth and Real Estate Research Corporation. 1998. *Defining New Limits: Emerging Trends in Real Estate.* New York, NY: ERE Yarmouth and RERC
- FDOT. n.d. *Access management: balancing access and mobility* [online]. FDOT. [cited 22 May 2007]. Available from the World Wide Web: <http://www.dot.state.fl.us/Planning/systems/sm/accman/pdfs/ampromo3.pdf>
- FWHA. 2006. *What is access management?* [online]. FWHA: Office of Operations. 2006 [cited 22 May 2007]. Available from the World Wide Web: [http://ops.fhwa.dot.gov/access\\_mgmt/what\\_is\\_accsmgmt.htm](http://ops.fhwa.dot.gov/access_mgmt/what_is_accsmgmt.htm)
- Fisher, J. n.d. *Penny postcards from South Dakota* [online]. Penny Postcards. 2007 [18 June 2007]. Available from the World Wide Web: <http://www.rootsworld.com/~usgenweb/special/ppcs/ppcs.html>
- Frank, L.D. 2000. *Land use and transportation interaction: implications on public health and quality of life.* Journal of Planning Education and Research 20 (2000):6-22.
- Hammond, R.H. 1991. *Geology of Lake and Moody Counties, South Dakota: South Dakota Geological Survey Bulletin 35, 49p.*
- Hansen, D.S. 1986. *Water resources of Lake and Moody Counties, South Dakota.* U.S. Geological Survey Water-Resources Investigations Report 84-4209.
- Johnson, K. 2006. *Reports on rural America: demographic trends in rural and small town America.* Durham, New Hampshire: Carsey Institute.
- King County. 2004. *Regional Infiltration and Inflow Control Program* [online]. King County. 2004 [1 August 2007]. Available from the World Wide Web: <http://dnr.metrokc.gov/wtd/i-i/whatis.htm>
- Koch Hazard Baltzer. 2004. *Dakota State University campus planning design study.* Dakota State University.
- Krusemark, S. and P. Keating. 2007. Personal Interview. 30 July 2007.

- LAIC. 2004. *Welcome* [online]. LAIC. 2004 [22 June 2007]. Available from the World Wide Web: <http://www.madisonworks.com/Default.aspx>
- LAIC. n.d. *Forward Madison: preparing for the future*. LAIC.
- Lechner, J. 2007. Personal Interview. 30 July 2007.
- Lewis & Clark Rural Water System. 2004. *The plan* [online]. Lewis & Clark Rural Water System. 2004 [3 August 2007]. Available from the World Wide Web: <http://www.lcrws.org/plan.asp>
- Lewis, M. 2002. *How cities use parks for economic development*. City Parks Forum Briefing Papers. Chicago: American Planning Association.
- Lusk, A. 2002. *Twenty-three design guidelines for greenways*. Unpublished doctoral dissertation. University of Michigan: Taubman College of Architecture and Urban Planning.
- Madison Area Chamber of Commerce. 2007. *History of Madison* [online]. Madison Area Chamber of Commerce. 2007 [18 June 2007]. Available from the World Wide Web: <http://www.chamberofmadisonsd.com/madison/history.aspx>
- Madison Central School District. 2007. *District profile* [online]. Robert Honomichl. 2007 [3 August 2007]. Available from the World Wide Web: <http://www.madison.k12.sd.us/DistrictProfile/Default.htm>
- Minnesota DNR. 2007. *Trail planning, design, and development guidelines*. Trails and Waterways Division, 500 Lafayette Road, St. Paul, MN.
- National Association of Realtors. 2001. *NAR Survey Shows Public Support for Open Space Depends on Use and Cost*. Press release, April 25, 2001.
- National Chamber Foundation. 2006. *Future Highway and Public Transportation Finance* [online]. National Chamber Foundation. 2006 [cited 22 May 2007]. Available from the World Wide: <http://www.uschamber.com/NR/rdonlyres/e2bu5ecxnmcn6s6wjggmywiumxrhbdllcqe5dk27ucsuzuep4lqqgf-mz5I4titee6b646ai727ycrmazjv6dqefce/TransExecSummaryWeb.pdf>
- National League of Cities. 2007. *City Fiscal Conditions* [online]. National League of Cities. 2007 [cited 21 May 2007]. Available from the World Wide Web: [http://www.nlc.org/about\\_cities/cities\\_101/149.aspx](http://www.nlc.org/about_cities/cities_101/149.aspx)
- NCDS. 2007. *Madison is community of the year* [online]. NCDS. 2007 [25 June 2007]. Available from the World Wide Web: [http://www.ncdsinc.net/news\\_current/news\\_070419\\_madison.htm](http://www.ncdsinc.net/news_current/news_070419_madison.htm)
- Pine, P.P. 2002. *Project 2015 State Agencies Prepare for the Impact of an Aging New York White Paper for Discussion*. State of New York: Office of the Aging.
- Rails to Trails Magazine. 2002. *Home buyers sold on trails* [online]. Rails to Trails. Available from the World Wide Web: [http://www.railtrails.org/resources/documents/magazine/02Fall\\_FEA\\_SoldOnTrails.pdf](http://www.railtrails.org/resources/documents/magazine/02Fall_FEA_SoldOnTrails.pdf)
- Schaefer, V. and M. Hawks. 2007. Personal Interview. 30 July 2007.

- Sherer, P.M. 2006. *The benefits of parks: why America needs more city parks and open space*. San Francisco, CA: The Trust for Public Lands.
- SDACD. 2004. *Grasslands* [online]. SDACD. Available from the World Wide Web: <http://www.sdconservation.org/grassland/index.html>
- Smith-Zimmerman Heritage Museum. n.d. *History of Lake County & Madison, South Dakota* [online]. Smith-Zimmerman Heritage Museum. 2007 [18 June 2007]. Available from the World Wide Web: <http://www.smith-zimmermann.dsu.edu/madisonhist.htm>
- South Dakota. 2006a. *Lake Herman state park* [online]. State of South Dakota. 2006 [June 29 2007]. Available from the World Wide Web: <http://www.sdgfp.info/Parks/Regions/Heartland/LakeHerman.htm>
- . 2006b. *Walker's Point recreational area* [online]. State of South Dakota. 2006 [June 29 2007]. Available from the World Wide Web: <http://www.sdgfp.info/Parks/Regions/Heartland/WalkersPoint.htm>
- South Dakota Board of Regents. 2007. *Fact book fiscal year 2007*. Office of the Executive Director
- South Dakota Climate and Weather. 2007. *South Dakota climate and weather* [online]. South Dakota Climate and Weather. 2007 [cited 20 June 2007]. Available from the World Wide Web: [http://climate.sdstate.edu/climate\\_site/climate\\_page.htm](http://climate.sdstate.edu/climate_site/climate_page.htm)
- South Dakota Housing Development Authority. 2003. *South Dakota statewide housing needs analysis* [online]. South Dakota Housing Development Authority. 2003 [cited 12 June 2007]. Available from the World Wide Web: <http://www.sdhda.org/Main/hnaexecsum2.pdf>
- South Dakota Lakes Preservation Committee. 1977. *Classification preservation and restoration of lakes in northeastern South Dakota*.
- Stover, V.G. and F.J. Koepke. 2002. *Transportation and Land Development*, 2<sup>nd</sup> Ed. Washington, DC: Institute of Transportation Engineers.
- Taylor, C. 2007. *Aging populations inspire 'universal design' housing*. National Association of Counties, November 15, 2007.
- Tomhave, D.W. 1987. *Sand and gravel resources in Lake County, South Dakota*. U.S. Geological Survey, Information Pamphlet No. 32.
- Trust for Public Lands. 2004. *No place to play: a comparative analysis of park access in seven major cities*. San Francisco, CA: The Trust for Public Lands.
- USDA. 2002. *Agricultural census: county summary highlights*. USDA, National Agricultural Statistical Service.
- Walter, A., N. Lembcke, S. McGillivray, and J. Mikel. 2007. Personal Interview. 30 July 2007.