



CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701-2724

PLANNING DEPARTMENT

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MEMORANDUM

TO: Legal and Finance Committee

FROM: Lisa Seaman, GIS Coordinator

DATE: May 30, 2003

RE: Approval of the GIS/IMS Master Plan Update Implementation Plan

The GIS/IMS Master Plan Update Implementation Plan outlines a series of discrete activities to be undertaken in the next three to four years to further advance the implementation of the County and City GIS program. The following is a brief list of the plan's recommended activities for fiscal years 2002 through 2005 for a complete description of each activity see the attached copy of the Implementation Plan.

- **FY2002 Activities:** Modify GIS Program Governance and Management, 911 Dispatch Map Application, Deploy Web-based GIS Data Viewer Applications, Training and Technology Upgrades.
- **FY2003 Activities:** Parcel Layer Completion, Master Property Address Database Creation, Enterprise Street Centerline and Address Management System, Non-Enterprise GIS Database Development (Zoning, Flood Zones), Develop Interdepartmental Data Custodianship Agreements, Enterprise GIS Data Repository, Metadata and Network Access Guide, Non-Enterprise GIS Application deployment, GIS Training and Technology Upgrades.
- **FY2004 Activities:** Migrate Parcel GIS Data Management to ArcGIS Technology Environment, Department GIS Data Browse, Query and Mapping, Ortho Base Map Enhancements, Non-Enterprise GIS Database Development (Street Maintenance Routes, Sanitary and Storm Sewers, Drainage Basins/watersheds, Permit System GIS Integration and GIS Data Layer Creation, Non-Enterprise GIS Applications Deployment, Evaluation of integration of GIS with Document Imaging Technology, Plan for Migration of Current Data Systems to RDBMS Standard Server Environment, GIS Training and Technology Upgrades.

- **FY2005 Activities:** Non-Enterprise GIS Data Development (Accident Locations, Traffic Counts, Septic Tanks, Street Signage), Non-Enterprise GIS Applications Deployment, Integration of Computer-aided Mass Appraisal System with GIS, GIS Training and Technology Upgrades.

The Implementation Plan has been developed to help guide the City and County in GIS Program prioritization and the formulation of future budget decisions. Due to technology changes in the GIS industry and evolving departmental needs for GIS data, the plan should be treated as a dynamic document that is updated on an annual basis.

Recommendation: The LIS Task Force recommends approval of the “GIS/IMS Master Plan Update Project: An Implementation Plan” as drafted.