Some SDE Presentation Notes for Eileen
SDE – Stupid Dumb Eleanor (ha ha ha – just kidding…)
For the MWGLAIUG

- **Slide 4**

  3 Instances of the same Core Database
  - Staff Assisted Database Requested
  - Zipped version for anonymous FTP access via the DASC web site
  - IMS Applications

- **Insert DASC SDE Architecture slide from Annual Report presentation**

- **Slide 5**
  - Prices - SDE/Oracle - $8,750/$3,750 annual maintenance
  - Server Size - Needs depend on use/application
  - Polaris - Sun Ultra 2 Dual Processor, 1GB RAM
  - Our new machine (whenever we order the damn thing) will be a Sun Ultra 60 450Mhz Dual Processor, 1GB RAM, RAID Level 5 Storage
  - We may also want to do some checking on Monday to clarify the terminology for ArcSDE, and mention the different levels of SDE that will be available with Arc8 – Personal SDE that works with Access, SDE for coverages, and SDE for RDBMS.

Add slide on DASC's methodology

- Create statewide seamless coverage in Arc/Info using mapjoin or append to join the tiled datasets.
- Error checking (topology, edge matching, labelerrors, etc.)
- Correct errors in statewide coverages staying within National Map Accuracy Standards.
- Project to Geographic/Decimal Degrees
- Verify coverages is clean after it has been projector.
- Load the coverage into SDE using the cov2sde command
- Store cov2sde parameters
- Export and compress statewide coverages and archive on CD for reloading/recovery if necessary.

- **Cell Size**

  When talking about cell size mention the 9 Grid Cells/Average Viewing area rule. Maybe we can test this next week to see if it make a difference. According to Mansour's presentation this will "reduce the number of s_table scans. Talk about s_table statistics - create a higher grid level if more than 20% of data has more than 4 grid cells.

Future Plans

- Complete conversion of the Core Database to SDE

- Develop a web application that allows the user to perform custom database requests online
- Develop mechanisms that allow for database updates from database developers via TCP/IP connection
- Work with Virtual Layers to optimize data extraction based on the type of application accessing the data