

ID	i	Task Name	Duration	Start	Finish	Predecessors	3, '02				
							M	T	W	T	F
1		GeoDatabase Solution	2 days?	Wed 01/16/02	Thu 01/17/02						
2		Training	1 day?	Wed 01/16/02	Wed 01/16/02						
3		Train Staff in Introduction to Editing and Versioning	1 day?	Wed 01/16/02	Wed 01/16/02						
4		Train Staff in Introduction to Enterprise GeoDatabase Administration	1 day?	Wed 01/16/02	Wed 01/16/02						
5		Train Staff in Introduction to Enterprise GeoDatabase Application Development	1 day?	Wed 01/16/02	Wed 01/16/02						
6		Roles and Responsibilities	1 day?	Wed 01/16/02	Wed 01/16/02						
7		Establish ArcSDE Administration Roles and Responsibilities	1 day?	Wed 01/16/02	Wed 01/16/02						
8		Production Database	2 days?	Wed 01/16/02	Thu 01/17/02						
9		Data Model	1 day?	Wed 01/16/02	Wed 01/16/02						
10		Thematic Layers	1 day?	Wed 01/16/02	Wed 01/16/02						
11		Identify Thematic Layers	1 day?	Wed 01/16/02	Wed 01/16/02						
12		Thematic Layer Iteration	1 day?	Wed 01/16/02	Wed 01/16/02						
13		Graphical Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
14		Symbology and Labels	1 day?	Wed 01/16/02	Wed 01/16/02						
15		Spatial Reference(s)	1 day?	Wed 01/16/02	Wed 01/16/02						
16		Identify Query Needs in Application(s)	1 day?	Wed 01/16/02	Wed 01/16/02						
17		Analysis Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
18		Business Reports	1 day?	Wed 01/16/02	Wed 01/16/02						
19		Spatial Data Types	1 day?	Wed 01/16/02	Wed 01/16/02						
20		Identify Vector Types	1 day?	Wed 01/16/02	Wed 01/16/02						
21		Identify Image Type	1 day?	Wed 01/16/02	Wed 01/16/02						
22		Identify Surface Type	1 day?	Wed 01/16/02	Wed 01/16/02						
23		Identify Address Type	1 day?	Wed 01/16/02	Wed 01/16/02						
24		Identify Complex Type	1 day?	Wed 01/16/02	Wed 01/16/02						
25		Data Integrity Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
26		Identify Subtype Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
27		Identify Domain and Range Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
28		identify Shape Split and Merge Policies	1 day?	Wed 01/16/02	Wed 01/16/02						
29		Relationship Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
30		Network Relationships Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
31		Topological Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
32		Data Sources	1 day?	Wed 01/16/02	Wed 01/16/02						

Project: GeoDatabase Schedule -- Dr: Date: Tue 08/03/04	Task		Milestone		External Tasks	
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ID	Task Name	Duration	Start	Finish	Predecessors	3, '02				
						M	T	W	T	F
33	Identify Coverage Data Sources	1 day?	Wed 01/16/02	Wed 01/16/02						
34	Identify Shapefile Data Sources	1 day?	Wed 01/16/02	Wed 01/16/02						
35	Identify Attribute Data Sources (e.g. DBMS)	1 day?	Wed 01/16/02	Wed 01/16/02						
36	Identify CAD Data Sources	1 day?	Wed 01/16/02	Wed 01/16/02						
37	Identify Metadata	1 day?	Wed 01/16/02	Wed 01/16/02						
38	Create UML Diagrams	1 day?	Wed 01/16/02	Wed 01/16/02						
39	Layers	1 day?	Wed 01/16/02	Wed 01/16/02						
40	Define Feature Representation	1 day?	Wed 01/16/02	Wed 01/16/02						
41	Define Attributes	1 day?	Wed 01/16/02	Wed 01/16/02						
42	Define Symbology	1 day?	Wed 01/16/02	Wed 01/16/02						
43	Feature Datasets	1 day?	Wed 01/16/02	Wed 01/16/02						
44	Define Feature Datasets	1 day?	Wed 01/16/02	Wed 01/16/02						
45	Feature Dataset Iteration	1 day?	Wed 01/16/02	Wed 01/16/02						
46	Feature Classes	1 day?	Wed 01/16/02	Wed 01/16/02						
47	Identify Feature Classes	1 day?	Wed 01/16/02	Wed 01/16/02						
48	Feature Class Iteration	1 day?	Wed 01/16/02	Wed 01/16/02						
49	Define Geometric Type	1 day?	Wed 01/16/02	Wed 01/16/02						
50	Define Attributes	1 day?	Wed 01/16/02	Wed 01/16/02						
51	Define Domains	1 day?	Wed 01/16/02	Wed 01/16/02						
52	Define Subtypes	1 day?	Wed 01/16/02	Wed 01/16/02						
53	Define Relationships and Relationship Classes	1 day?	Wed 01/16/02	Wed 01/16/02						
54	Define Geometric Networks	1 day?	Wed 01/16/02	Wed 01/16/02						
55	Business Datasets	1 day?	Wed 01/16/02	Wed 01/16/02						
56	Define Business Data Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
57	Define Physical Database Structure	1 day?	Wed 01/16/02	Wed 01/16/02						
58	Create Database Instance	1 day?	Wed 01/16/02	Wed 01/16/02						
59	Create Database Objects	1 day?	Wed 01/16/02	Wed 01/16/02						
60	Data Integration	1 day?	Wed 01/16/02	Wed 01/16/02						
61	Identify Data Integration Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
62	Define Business and Feature Data Integration	1 day?	Wed 01/16/02	Wed 01/16/02						
63	Data Procurement and Loading	1 day?	Thu 01/17/02	Thu 01/17/02	9					
64	Identify Data Migration Needs	1 day?	Thu 01/17/02	Thu 01/17/02						

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							M	T	W	T	F
65		Identify Data Loading Needs	1 day?	Thu 01/17/02	Thu 01/17/02						
66		Define Data Sources	1 day?	Thu 01/17/02	Thu 01/17/02						
67		Define Toolset	1 day?	Thu 01/17/02	Thu 01/17/02						
68		Define Conversion Methods	1 day?	Thu 01/17/02	Thu 01/17/02						
69		Define Data Quality Verification Methods	1 day?	Thu 01/17/02	Thu 01/17/02						
70		Define Anticipated Data Volumes	1 day?	Thu 01/17/02	Thu 01/17/02						
71		Create Procurement Plan	1 day?	Thu 01/17/02	Thu 01/17/02						
72		Identify Conversion Automation	1 day?	Thu 01/17/02	Thu 01/17/02						
73		Procure and/or Configure Data Sources	1 day?	Thu 01/17/02	Thu 01/17/02						
74		Build Toolset	1 day?	Thu 01/17/02	Thu 01/17/02						
75		Pilot Iteration	1 day?	Thu 01/17/02	Thu 01/17/02						
76		Identify Sample Data	1 day?	Thu 01/17/02	Thu 01/17/02						
77		Load Initial Dataset	1 day?	Thu 01/17/02	Thu 01/17/02						
78		Verify the Quality of the Data	1 day?	Thu 01/17/02	Thu 01/17/02						
79		Build Conversion Automation	1 day?	Thu 01/17/02	Thu 01/17/02						
80		Data Maintenance	1 day?	Wed 01/16/02	Wed 01/16/02						
81		Identify Editing Needs in Application(s)	1 day?	Wed 01/16/02	Wed 01/16/02						
82		Identify Server Side Spatial Processing	1 day?	Wed 01/16/02	Wed 01/16/02						
83		Define Data Update Operations	1 day?	Wed 01/16/02	Wed 01/16/02						
84		Define Anticipated Data Volatility	1 day?	Wed 01/16/02	Wed 01/16/02						
85		Define Editing Workflow(s)	1 day?	Wed 01/16/02	Wed 01/16/02						
86		Define Versioning Scheme	1 day?	Wed 01/16/02	Wed 01/16/02						
87		Define Versioning Maintenance Plan	1 day?	Wed 01/16/02	Wed 01/16/02						
88		Define Database Maintenance Plan	1 day?	Wed 01/16/02	Wed 01/16/02						
89		Build Versioning Scheme	1 day?	Wed 01/16/02	Wed 01/16/02						
90		Build Versioning Maintenance Toolset	1 day?	Wed 01/16/02	Wed 01/16/02						
91		Build Database Schema Maintenance Toolset	1 day?	Wed 01/16/02	Wed 01/16/02						
92		Data Access	1 day?	Wed 01/16/02	Wed 01/16/02						
93		Review Database Interfaces	1 day?	Wed 01/16/02	Wed 01/16/02						
94		Identify Database Interface Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
95		Identify Non-GIS Application Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
96		Define Application Interfaces	1 day?	Wed 01/16/02	Wed 01/16/02						

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						M	T	W	T	F
97	Configure Database Interfaces	1 day?	Wed 01/16/02	Wed 01/16/02						
98	Data Infrastructure	1 day?	Wed 01/16/02	Wed 01/16/02						
99	Capacity Planning	1 day?	Wed 01/16/02	Wed 01/16/02						
100	Hardware	1 day?	Wed 01/16/02	Wed 01/16/02						
101	Identify Hardware Vendor for Databases	1 day?	Wed 01/16/02	Wed 01/16/02						
102	Identify Master Database Server Requirements	1 day?	Wed 01/16/02	Wed 01/16/02						
103	Identify Replication Database Server Requirements	1 day?	Wed 01/16/02	Wed 01/16/02						
104	Identify MetaServer Database Requirements	1 day?	Wed 01/16/02	Wed 01/16/02						
105	Identify Availability Server Requirements	1 day?	Wed 01/16/02	Wed 01/16/02						
106	Identify Development Server Requirements	1 day?	Wed 01/16/02	Wed 01/16/02						
107	Software	1 day?	Wed 01/16/02	Wed 01/16/02						
108	Identify Database Operating System(s) and Versions	1 day?	Wed 01/16/02	Wed 01/16/02						
109	Identify Master Database Vendor and Version	1 day?	Wed 01/16/02	Wed 01/16/02						
110	Identify ArcSDE Software OS Platform and Version	1 day?	Wed 01/16/02	Wed 01/16/02						
111	Identify Replication Software	1 day?	Wed 01/16/02	Wed 01/16/02						
112	Identify Availability Software	1 day?	Wed 01/16/02	Wed 01/16/02						
113	Hardware	1 day?	Wed 01/16/02	Wed 01/16/02						
114	Procure Development and Test Database Server Hardware	1 day?	Wed 01/16/02	Wed 01/16/02						
115	Configure Development and Test Database Server	1 day?	Wed 01/16/02	Wed 01/16/02						
116	Procure Production Database Server Hardware	1 day?	Wed 01/16/02	Wed 01/16/02						
117	Configure Production Database Server	1 day?	Wed 01/16/02	Wed 01/16/02						
118	Software	1 day?	Wed 01/16/02	Wed 01/16/02						
119	Procure Development and Test DBMS Software	1 day?	Wed 01/16/02	Wed 01/16/02						
120	Install and Configure Development and Test DBMS Software	0.5 days	Wed 01/16/02	Wed 01/16/02						
121	Procure Production DBMS Software	1 day?	Wed 01/16/02	Wed 01/16/02						
122	Install and Configure Production DBMS Software	0.5 days	Wed 01/16/02	Wed 01/16/02						
123	Network	1 day?	Wed 01/16/02	Wed 01/16/02						
124	Procure Network Hardware	1 day?	Wed 01/16/02	Wed 01/16/02						
125	Configure Server Network	1 day?	Wed 01/16/02	Wed 01/16/02						
126	Data Performance	1 day?	Wed 01/16/02	Wed 01/16/02						
127	Identify Key Business Transactions	1 day?	Wed 01/16/02	Wed 01/16/02						
128	Identify Expected Response Times for Key Business Transactions	1 day?	Wed 01/16/02	Wed 01/16/02						

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							M	T	W	T	F
129		Identify Expected User Loads	1 day?	Wed 01/16/02	Wed 01/16/02						
130		Identify Expected Throughput (query and editing)	1 day?	Wed 01/16/02	Wed 01/16/02						
131		Determine Data Volumes	1 day?	Wed 01/16/02	Wed 01/16/02						
132		Determine Data Volatility	1 day?	Wed 01/16/02	Wed 01/16/02						
133		Create performance test plan	1 day?	Wed 01/16/02	Wed 01/16/02						
134		Testing	1 day?	Wed 01/16/02	Wed 01/16/02						
135		Develop performance test scripts/tools	1 day?	Wed 01/16/02	Wed 01/16/02						
136		Test Iteration 1	1 day?	Wed 01/16/02	Wed 01/16/02						
137		Execute performance test scripts and loads	1 day?	Wed 01/16/02	Wed 01/16/02						
138		Evaluate Results against QoS Requirements	1 day?	Wed 01/16/02	Wed 01/16/02						
139		Tune ArcSDE and DBMS	1 day?	Wed 01/16/02	Wed 01/16/02						
140		Data Replication	1 day?	Wed 01/16/02	Wed 01/16/02						
141		Review Common Replication Configurations	1 day?	Wed 01/16/02	Wed 01/16/02						
142		Identify Replicated Data Uses	1 day?	Wed 01/16/02	Wed 01/16/02						
143		Identify Replicated Data	1 day?	Wed 01/16/02	Wed 01/16/02						
144		Identify Replication QoS Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
145		Review Replication Options	1 day?	Wed 01/16/02	Wed 01/16/02						
146		Determine Data Flow	1 day?	Wed 01/16/02	Wed 01/16/02						
147		Determine Data Distribution	1 day?	Wed 01/16/02	Wed 01/16/02						
148		Define Replicated Articles	1 day?	Wed 01/16/02	Wed 01/16/02						
149		Create Replication Architecture	1 day?	Wed 01/16/02	Wed 01/16/02						
150		Create Initial Replication Implementation Plan	1 day?	Wed 01/16/02	Wed 01/16/02						
151		Configure Publisher(s)	1 day?	Wed 01/16/02	Wed 01/16/02						
152		Configure Subscriber(s)	1 day?	Wed 01/16/02	Wed 01/16/02						
153		Configure Replication Article(s)	1 day?	Wed 01/16/02	Wed 01/16/02						
154		Testing	1 day?	Wed 01/16/02	Wed 01/16/02						
155		Replication Functionality	1 day?	Wed 01/16/02	Wed 01/16/02						
156		Replication Performance	1 day?	Wed 01/16/02	Wed 01/16/02						
157		Data Replication	1 day?	Wed 01/16/02	Wed 01/16/02						
158		Data Recovery	1 day?	Wed 01/16/02	Wed 01/16/02						
159		Review Data Recovery Options	1 day?	Wed 01/16/02	Wed 01/16/02						
160		Identify Data Recovery Needs	1 day?	Wed 01/16/02	Wed 01/16/02						

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							M	T	W	T	F	
161		Define Data Recovery Procedure	1 day?	Wed 01/16/02	Wed 01/16/02							
162		Create Data Recovery Procedures	1 day?	Wed 01/16/02	Wed 01/16/02							
163		Build Recovery Toolset	1 day?	Wed 01/16/02	Wed 01/16/02							
164		Testing	1 day?	Wed 01/16/02	Wed 01/16/02							
165		Create Recovery Test Plan	1 day?	Wed 01/16/02	Wed 01/16/02							
166		Build Recovery Test	1 day?	Wed 01/16/02	Wed 01/16/02							
167		Execute Recovery Tests	1 day?	Wed 01/16/02	Wed 01/16/02							
168		Data Availability	1 day?	Wed 01/16/02	Wed 01/16/02							
169		Review Availability Options	1 day?	Wed 01/16/02	Wed 01/16/02							
170		Identify Uptime Expectations	1 day?	Wed 01/16/02	Wed 01/16/02							
171		Define Recovery Methods	1 day?	Wed 01/16/02	Wed 01/16/02							
172		Define Uptime Architecture	1 day?	Wed 01/16/02	Wed 01/16/02							
173		Create Initial Availability Implementation Plan	1 day?	Wed 01/16/02	Wed 01/16/02							
174		Configure High Available Infrastructure	1 day?	Wed 01/16/02	Wed 01/16/02							
175		Availability Testing Iteration 1	1 day?	Wed 01/16/02	Wed 01/16/02							
176		Create test plan	1 day?	Wed 01/16/02	Wed 01/16/02							
177		Develop fail-over tests	1 day?	Wed 01/16/02	Wed 01/16/02							
178		Execute fail-over tests	1 day?	Wed 01/16/02	Wed 01/16/02							
179		Data Security	1 day?	Wed 01/16/02	Wed 01/16/02							
180		Review Authentication Schemes	1 day?	Wed 01/16/02	Wed 01/16/02							
181		Identify Anticipated Database Users (GIS and Business Apps)	1 day?	Wed 01/16/02	Wed 01/16/02							
182		Define Database Roles	1 day?	Wed 01/16/02	Wed 01/16/02							
183		Define Database Users	1 day?	Wed 01/16/02	Wed 01/16/02							
184		Create Initial Security Implementation Plan	1 day?	Wed 01/16/02	Wed 01/16/02							
185		Create Database Users	1 day?	Wed 01/16/02	Wed 01/16/02							
186		Create Database Roles	1 day?	Wed 01/16/02	Wed 01/16/02							
187		Create Database Audit Tools	1 day?	Wed 01/16/02	Wed 01/16/02							
188		Update Security Patches	1 day?	Wed 01/16/02	Wed 01/16/02							
189		Data Distribution	1 day?	Wed 01/16/02	Wed 01/16/02							
190		Identify Data Consumers	1 day?	Wed 01/16/02	Wed 01/16/02							
191		Identify Data Exchange Needs	1 day?	Wed 01/16/02	Wed 01/16/02							
192		Identify Locations Data Across Enterprise	1 day?	Wed 01/16/02	Wed 01/16/02							

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193		Define Database Topology	1 day?	Wed 01/16/02	Wed 01/16/02						
194		Define Application Topology	1 day?	Wed 01/16/02	Wed 01/16/02						
195		Configure Database Topology	1 day?	Wed 01/16/02	Wed 01/16/02						
196		Data Monitoring	1 day?	Wed 01/16/02	Wed 01/16/02						
197		Identify Alerting Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
198		Identify Notification Needs	1 day?	Wed 01/16/02	Wed 01/16/02						
199		Define Specific Functional Alerts	1 day?	Wed 01/16/02	Wed 01/16/02						
200		Define Specific Performance Alerts	1 day?	Wed 01/16/02	Wed 01/16/02						
201		Define Specific Notifications	1 day?	Wed 01/16/02	Wed 01/16/02						
202		Configure Functional Alerts	1 day?	Wed 01/16/02	Wed 01/16/02						
203		Configure Performance Alerts	1 day?	Wed 01/16/02	Wed 01/16/02						
204		Configure Notifications	1 day?	Wed 01/16/02	Wed 01/16/02						
205		Measure Data Volumes in Deployed System	1 day?	Wed 01/16/02	Wed 01/16/02						
206		Measure Data Volatility in Deployed System	1 day?	Wed 01/16/02	Wed 01/16/02						

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