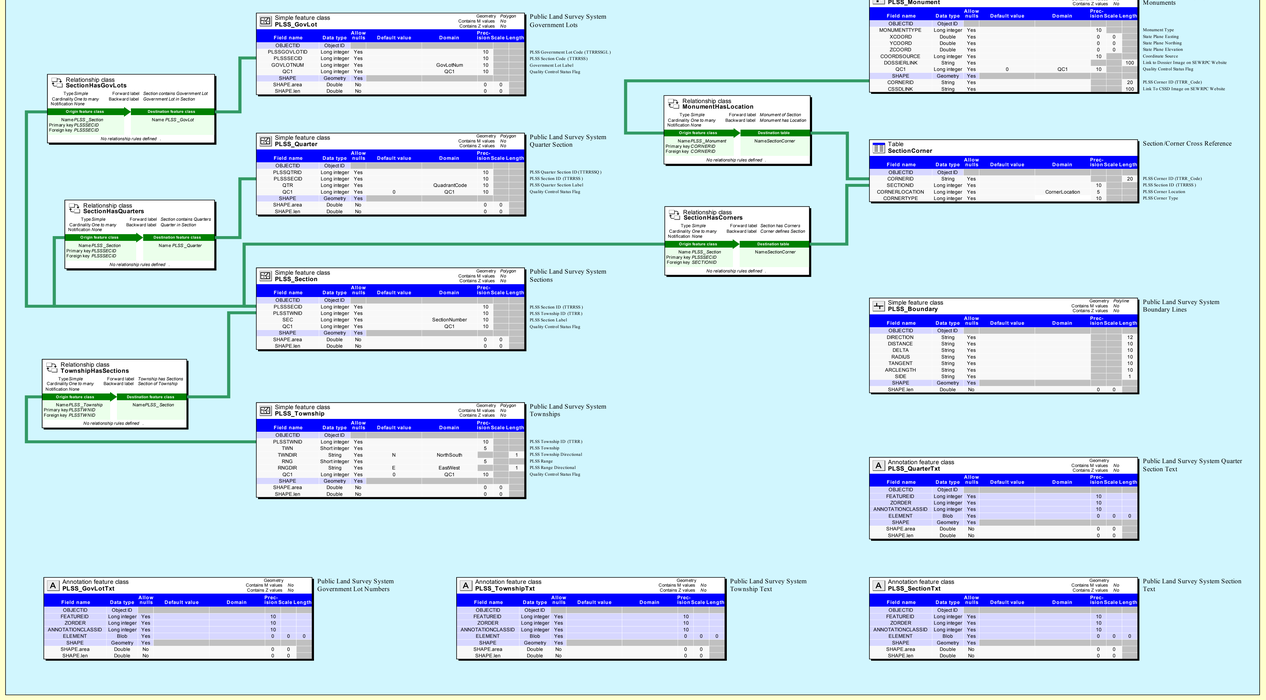
City of West Bend/Washington County

Common Parcel Data Model

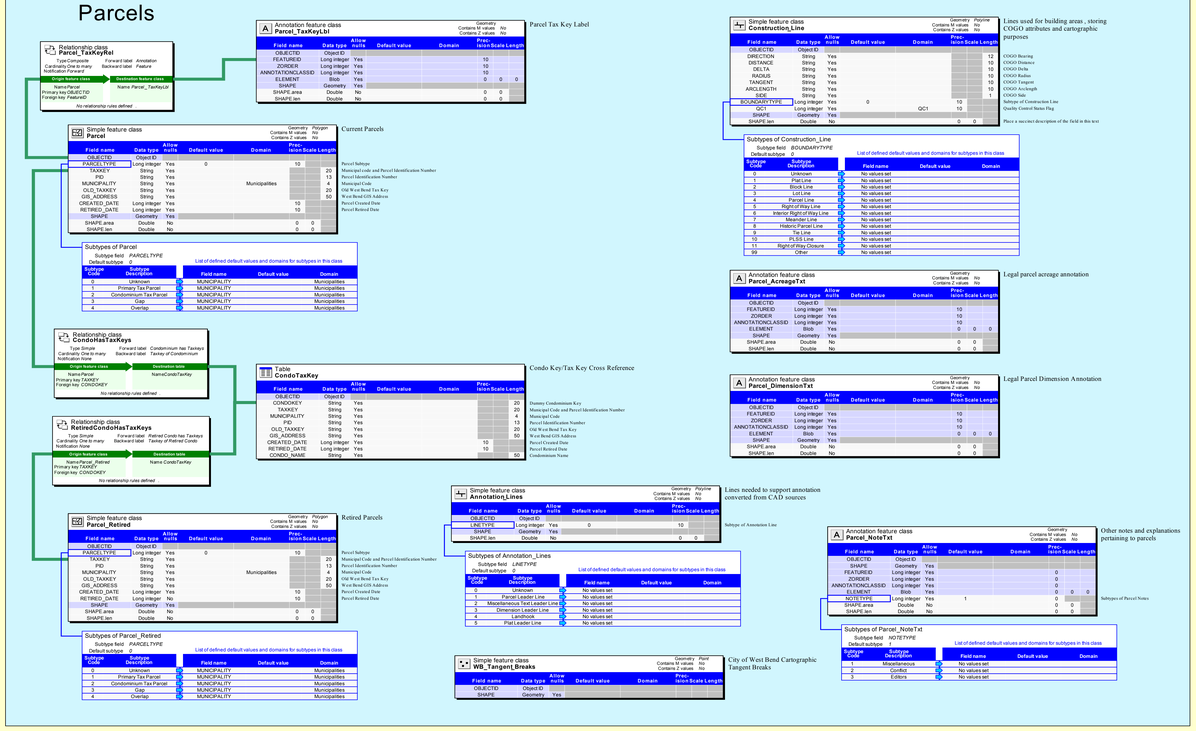
Revision Date: October 11, 2004

Point Feature Class
Line Feature Class
Area Feature Class
Annotation Feature Class
Relationship Feature Class

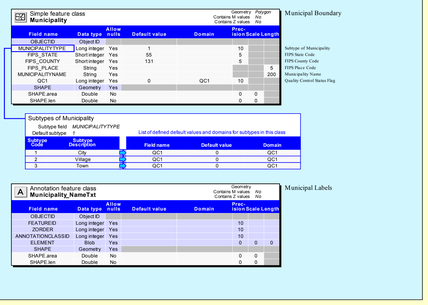
Public Land Survey System



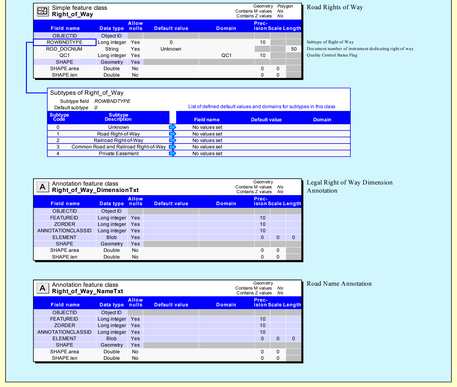
Parcels



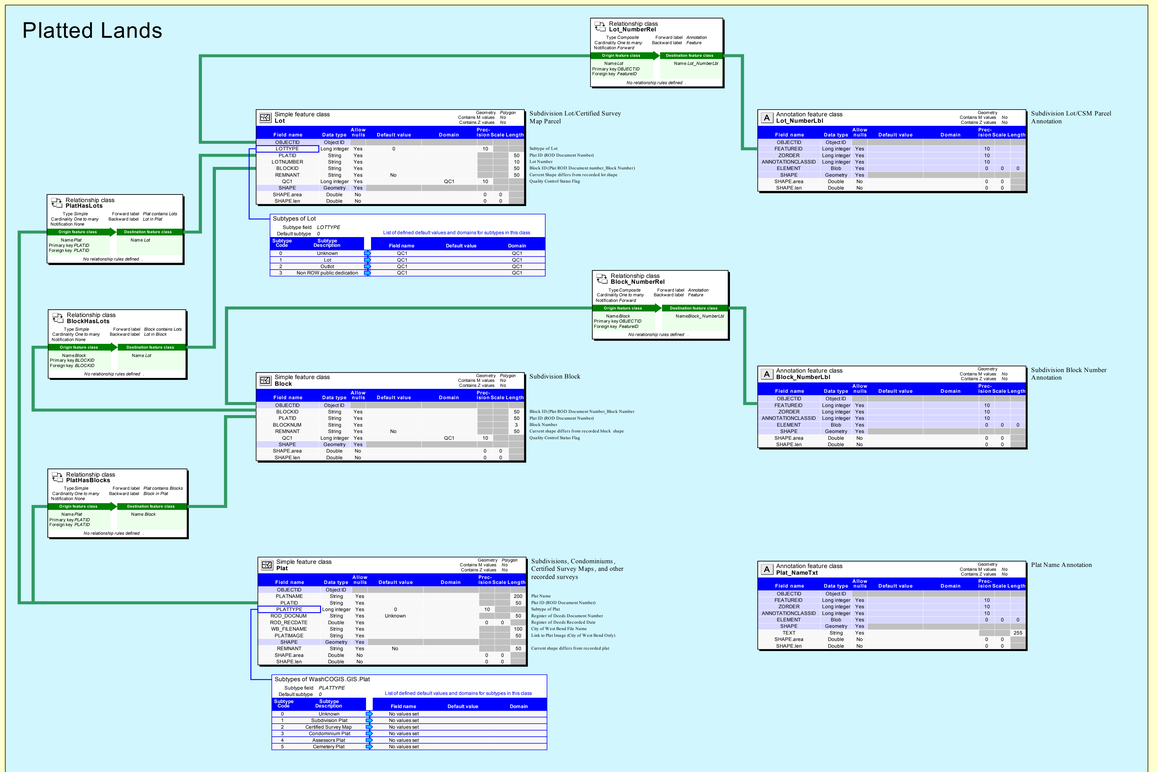
Municipalities



Right of Way



Platted Lands



Topology

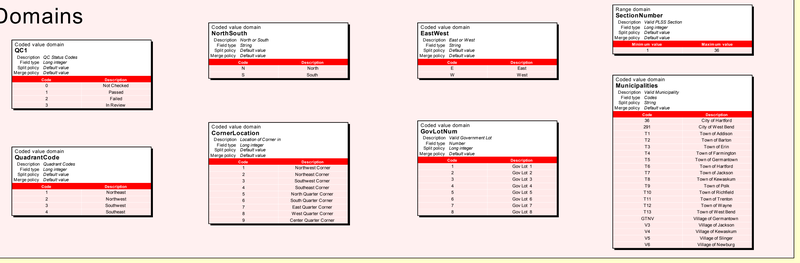
Parcel_Topology

Cluster Tolerance 0.0002080511 US Survey Feet

Toplogy Rules

Origin Feature Class	Topology rule	Comparison Feature Class
PLSS_Monument	Must Be Covered By Endpoint Of	PLSS_Boundary
PLSS_Monument	Must be covered By Boundary Of	PLSS_Quarter
PLSS_Boundary	Must Not Overlap	
PLSS_Boundary	Must Not Self-Overlap	
PLSS_Boundary	Must Not Intersect	
PLSS_Boundary	Must Not Self-Intersect	
PLSS_Boundary	Must Not Have Dangles	
PLSS_Boundary	Must Be Single Part	
PLSS_Boundary	Must not Intersect Or Touch Interior	
PLSS_Boundary	Endpoint Must be Covered By	PLSS_Monument
PLSS_Boundary	Must be Covered by Boundary Of	PLSS_Quarter
PLSS_Boundary	Must be covered by feature class	Construction_Line
PLSS_Township	Must Not Overlap	
PLSS_Township	Must Not Have Gaps	
PLSS_Section	Must Not Overlap	
PLSS_Section	Must Not Have Gaps	
PLSS_Quarter	Must Not Overlap	
PLSS_Quarter	Must Not Have Gaps	
PLSS_GovLot	Must Not Overlap	
PLSS_Quarter	Must Be Covered By	PLSS_Section
PLSS_GovLot	Must Be Covered By	PLSS_Section
PLSS_Section	Must Be Covered By	PLSS_Township
Construction_Line	Must Not Overlap	
Construction_Line	Must Not Self-Overlap	
Construction_Line	Must Not Intersect	
Construction_Line	Must Not Self-Intersect	
Construction_Line	Must Not Have Dangles	
Construction_Line	Must Be Single Part	
Construction_Line	Must not Intersect Or Touch Interior	
Municipality	Must Not Overlap	
Municipality	Must Not Have Gaps	
Block	Must Not Overlap	
Lot	Must not Overlap	
Parcel	Must Not Overlap	
Right_of_Way:Road Right-of-Way	Must Not Overlap	
Municipality	Boundary Must be Covered By	Construction_Line
Plat	Boundary Must be Covered By	Construction_Line
Block	Boundary Must be Covered By	Construction_Line
Lot	Boundary Must be Covered By	Construction_Line
Parcel	Boundary Must be Covered By	Construction_Line
Right_of_Way	Boundary Must be Covered By	Construction_Line
Lot	Must be Covered By	Plat
Block	Must be Covered By	Plat
Parcel	Must be Covered By	Municipality
WB_Tangent_Breaks	Must Be Covered By Endpoint Of	Construction_Line
WB_Tangent_Breaks	Point Must Be Covered By Line	Construction_Line

Participating feature classes and ranks

Feature Class	Rank
PLSS_Monument	1
PLSS_Boundary	2
PLSS_Township	3
PLSS_Section	3
PLSS_Quarter	3
PLSS_GovLot	3
Construction_Line	4
WB_Tangent_Breaks	5
Parcel	6
Municipality	7
Plat	7
Block	7
Lot	7
Right_of_Way	7
Parcel_Retired	8

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