Washington County

Tax Data Import Model

Revision Date: February 16,2005

Area Feature Class
Table
Relationship Feature Class

ArcSDE

Simple feature class Parcel

Geometry *Polygon*; Contains M values *No*; Contains Z values *No*

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length	
OBJECTID	Object ID							
PARCELTYPE	Long integer	Yes	0		10			Parcel Subtype
TAXKEY	String	Yes					20	Municipal Code and Parcel Identification Number
PID	String	Yes					13	Parcel Identification Number
MUNICIPALITY	String	Yes		Municipalities			4	Municipal Code
OLD_TAXKEY	String	Yes					20	Old West Bend Tax Key
GIS_ADDRESS	String	Yes					50	West Bend GIS Address
CREATED_DATE	Long integer	Yes			10			Parcel Created Date
RETIRED_DATE	Long integer	Yes			10			Parcel Retired Date
SHAPE	Geometry	Yes						
SHAPE.area	Double	No			0	0		
SHAPE.len	Double	No			0	0		

Subtypes of Parcel

Subtype field *PARCELTYPE*; Default subtype *0*

List of defined default values and domains for subtypes in this class

Subtype Code	Subtype Description	Field name	Default value	Domain
0	Unknown	MUNICIPALITY		Municipalities
1	Primary Tax Parcel	MUNICIPALITY		Municipalities
2	Condominium Tax Parcel	MUNICIPALITY		Municipalities
3	Gap	MUNICIPALITY		Municipalities
4	Overlap	MUNICIPALITY		Municipalities

Relationship class ParcelHasOwnerInfo

Type *Simple*; Cardinality *One to one*; Notification *None*; Forward label *Parcel Has Owner Info*; Backward label *Owner Info of Parcel*

Origin feature class: Name *Parcel*; Primary key *TAXKEY*; Foreign key *TAXKEY*. Destination table: Name *CurrentParcelOwnerInfo*. *No relationship rules defined.*

Relationship class CondoHasTaxKeys

Type *Simple*; Cardinality *One to many*; Notification *None*; Forward label *Condominium has Taxkeys*; Backward label *Taxkey of Condominium*

Origin feature class: Name *Parcel*; Primary key *TAXKEY*; Foreign key *CONDOKEY*. Destination table: Name *CondoTaxKey*. *No relationship rules defined.*

Table CondoTaxKey

Condo Key/Tax Key Cross Reference

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length	
OBJECTID	Object ID							
CONDOKEY	String	Yes					20	Dummy Condominium Key
TAXKEY	String	Yes					20	Municipal Code and Parcel Identification Number
MUNICIPALITY	String	Yes					4	Municipal Code
PID	String	Yes					13	Parcel Identification Number
OLD_TAXKEY	String	Yes					20	Old West Bend Tax Key
GIS_ADDRESS	String	Yes					50	West Bend GIS Address
CREATED_DATE	Long integer	Yes			10			Parcel Created Date
RETIRED_DATE	Long integer	Yes			10			Parcel Retired Date
CONDO_NAME	String	Yes					50	Condominium Name

Relationship class CondoParcelHasOwnerInfo

Type *Simple*; Cardinality *One to one*; Notification *None*; Forward label *Condo Parcel Has Owner Info*; Backward label *Owner Info of Condo Parcel*

Origin table: Name *CondoTaxKey*; Primary key *TAXKEY*; Foreign key *TAXKEY*. Destination table: Name *CurrentParcelOwnerInfo*. *No relationship rules defined.*

Relationship class TaxCondoHasTaxKeys

Type *Simple*; Cardinality *One to many*; Notification *None*; Forward label *Tax Condo has Tax Keys*; Backward label *Tax Key of Tax Condo*

Origin feature class: Name *TaxParcel*; Primary key *TAXKEY*; Foreign key *CONDOKEY*. Destination table: Name *CondoTaxKey*. *No relationship rules defined.*

Simple feature class TaxParcel

Tax Parcels (Jan 1 copy of Parcels)

Geometry *Polygon*; Contains M values *No*; Contains Z values *No*

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length	
OBJECTID	Object ID							
PARCELTYPE	Long integer	Yes	0		10			TaxParcel Subtype
TAXKEY	String	Yes					20	Municipal Code and Parcel Identification Number
PID	String	Yes					13	Parcel Identification Number
MUNICIPALITY	String	Yes					4	Municipal Code
OLD_TAXKEY	String	Yes					20	Old West Bend Tax Key
GIS_ADDRESS	String	Yes					50	West Bend GIS Address
CREATED_DATE	Long integer	Yes			10			Parcel Created Date
RETIRED_DATE	Long integer	Yes			10			Parcel Retired Date
SHAPE	Geometry	Yes						
SHAPE.area	Double	No			0	0		
SHAPE.len	Double	No			0	0		

Subtypes of TaxParcel

Subtype field *PARCELTYPE*; Default subtype *0*

List of defined default values and domains for subtypes in this class

Subtype Code	Subtype Description	Field name	Default value	Domain
0	Unknown	No values set		
1	Primary Tax Parcel	No values set		
2	Condominium Tax Parcel	No values set		
3	Gap	No values set		
4	Overlap	No values set		

Relationship class TaxCondoParcelHasOwnerInfo

Type *Simple*; Cardinality *One to one*; Notification *None*; Forward label *TaxCondoParcelHasOwnerInfo*; Backward label *OwnerInfoOfTaxCondoParcel*

Origin table: Name *CondoTaxKey*; Primary key *TAXKEY*; Foreign key *TAXKEY*. Destination table: Name *TaxParcelOwnerInfo*. *No relationship rules defined.*

Relationship class TaxParcelHasOwnerInfo

Type *Simple*; Cardinality *One to one*; Notification *None*; Forward label *Tax Parcel Has Owner Info*; Backward label *Owner Info of Tax Parcel*

Origin feature class: Name *TaxParcel*; Primary key *TAXKEY*; Foreign key *TAXKEY*. Destination table: Name *TaxParcelOwnerInfo*. *No relationship rules defined.*

Relationship class TaxCondoParcelHasTaxInfo

Type *Simple*; Cardinality *One to one*; Notification *None*; Forward label *TaxCondoParcelhasTaxInfo*; Backward label *TaxInfoOfTaxCondoParcel*

Origin table: Name *CondoTaxKey*; Primary key *TAXKEY*; Foreign key *TAXKEY*. Destination table: Name *TaxParcelTaxInfo*. *No relationship rules defined.*

Relationship class TaxParcelHasTaxInfo

Type *Simple*; Cardinality *One to one*; Notification *None*; Forward label *Tax Parcel has Tax Info*; Backward label *Tax Info of Tax Parcel*

Origin feature class: Name *TaxParcel*; Primary key *TAXKEY*; Foreign key *TAXKEY*. Destination table: Name *TaxParcelTaxInfo*. *No relationship rules defined.*

Relationship class TaxCondoParcelHasLandClassInfo

Type *Simple*; Cardinality *One to many*; Notification *None*; Forward label *TaxCondoParcelhasLandClassInfo*; Backward label *LandClassInfoOfTaxCondoParcel*

Origin table: Name *CondoTaxKey*; Primary key *TAXKEY*; Foreign key *TAXKEY*. Destination table: Name *TaxParcelLandClassInfo*. *No relationship rules defined.*

Relationship class TaxParcelhasLandClassInfo

Type *Simple*; Cardinality *One to many*; Notification *None*; Forward label *Tax Parcel Has Land Class Info*; Backward label *Land Class of Tax Parcel*

Origin feature class: Name *TaxParcel*; Primary key *TAXKEY*; Foreign key *TAXKEY*. Destination table: Name *TaxParcelLandClassInfo*. *No relationship rules defined.*

Table CurrentParcelOwnerInfo

Owner name, address and districts codes for Current Parcels

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length	
TAXKEY	String	Yes					20	Municipal Code and Parcel Identification Number
TMMUN	String	No					4	Municipal Code
TMPNO	String	No					13	Parcel Identification Number
TMTYR	Short integer	No			4			Tax Year
TMACT	String	No					1	
TMPR	String	No					1	Personal or Real Property
TMNAME	String	No					30	Owner Name
TMAD1	String	No					30	Mailing Address Line 1
TMAD2	String	No					30	Mailing Address Line 2
TMAD3	String	No					30	Mailing Address Line 3
TMAD4	String	No					30	Mailing Address Line 4
TMAD5	String	No					30	Mailing Address Line 5
TMCITY	String	No					20	Mailing Address City
TMZIP	Long integer	No			9			Mailing Address Zip Code
TMSTAT	String	No					2	Mailing Address State
TMDELT	String	No					2	
TMCRC	String	No					4	Courier Route
TMLNME	String	No					20	Search Name1
TMLNM2	String	No					20	Search Name2
TMPD1	String	No					1	Physical Address Directional1
TMPD2	String	No					5	Physical Address Number1
TMPD3	String	No					1	Physical Address Directional2
TMPD4	String	No					5	Physical Address Number2
TMPADR	String	No					20	Physical Address Street
TMPHY	String	No					30	Physical Address Concatenated
TMSAL	String	No					1	
TMASS	String	No					17	Parcel Assessed With
TMPASS	String	No					1	Partial Assessment
TMSASS	String	No					1	State Assessed
TMDOOM	String	No					1	Doomage
TMALTK	String	No					22	Alternate Tax Key
TMSCH	String	No					4	School District Code
TMBN	String	No					1	Company
TMRC1	String	No					3	Reporting Code 1
TMRC2	String	No					3	Reporting Code 2
TMRC3	String	No					3	Reporting Code 3
TMRC4	String	No					3	Reporting Code 4 (Marked for Deletion)
TMRC5	String	No					3	Reporting Code 5
TMRC6	String	No					3	Reporting Code 6
TMDC	String	Yes					30	District Codes comma delimited
TMDC1	String	No					2	District Code 1
TMDC2	String	No					2	District Code 2
TMDC3	String	No					2	District Code 3
TMDC4	String	No					2	District Code 4
TMDC5	String	No					2	District Code 5
TMDC6	String	No					2	District Code 6
TMDC7	String	No					2	District Code 7
TMDC8	String	No					2	District code 8
TMDC9	String	No					2	District code 9
TMDC10	String	No					2	District Code 10
OBJECTID	Object ID							

Table TaxParcelOwnerInfo

Owner Name, address and district codes for Tax Parcels

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length	
TAXKEY	String	Yes					20	Municipal code and Parcel Identification Number
TMMUN	String	No					4	Municipal Code
TMPNO	String	No					13	Parcel Identification Number
TMTYR	Short integer	No			4			Tax Year
TMACT	String	No					1	
TMPR	String	No					1	Personal or Real Property
TMNAME	String	No					30	Owner Name
TMAD1	String	No					30	Mailing Address Line 1
TMAD2	String	No					30	Mailing Address Line 2
TMAD3	String	No					30	Mailing Address Line 3
TMAD4	String	No					30	Mailing Address Line 4
TMAD5	String	No					30	Mailing Address Line 5
TMCITY	String	No					20	Mailing Address City
TMZIP	Long integer	No			9			Mailing Address Zip Code
TMSTAT	String	No					2	Mailing Address State
TMDELT	String	No					2	
TMCRC	String	No					4	Courier Route
TMLNME	String	No					20	Search Name1
TMLNM2	String	No					20	Search Name2
TMPD1	String	No					1	Physical Address Directional1
TMPD2	String	No					5	Physical Address Number1
TMPD3	String	No					1	Physical Address Directional2
TMPD4	String	No					5	Physical Address Number2
TMPADR	String	No					20	Physical Address Street
TMPHY	String	No					30	Physical Address Concatenated
TMSAL	String	No					1	
TMASS	String	No					17	Parcel Assessed With
TMPASS	String	No					1	Partial Assessment
TMSASS	String	No					1	State Assessed
TMDOOM	String	No					1	Doomage
TMALTK	String	No					22	Alternate Tax Key
TMSCH	String	No					4	School District Code
TMBN	String	No					1	Company
TMRC1	String	No					3	Reporting Code 1
TMRC2	String	No					3	Reporting Code 2
TMRC3	String	No					3	Reporting Code 3
TMRC4	String	No					3	Reporting Code 4 (Marked for Deletion)
TMRC5	String	No					3	Reporting Code 5
TMRC6	String	No					3	Reporting Code 6
TMDC	String	Yes					30	District Codes comma delimited
TMDC1	String	No					2	District Code 1
TMDC2	String	No					2	District Code 2
TMDC3	String	No					2	District Code 3
TMDC4	String	No					2	District Code 4
TMDC5	String	No					2	District Code 5
TMDC6	String	No					2	District Code 6
TMDC7	String	No					2	District Code 7
TMDC8	String	No					2	District Code 8
TMDC9	String	No					2	District Code 9
TMDC10	String	No					2	District Code 10
OBJECTID	Object ID							

Table TaxParcelTaxInfo

Tax Data for Tax Parcels

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length	
TAXKEY	String	Yes					20	Municipal Code and Parcel Identification Number
TMMUN	String	No					4	Municipal Code
TMPNO	String	No					13	Parcel Identification Number
TMTYR	Short integer	No			4			Tax Year
TMACRE	Double	No			9	2		Total Area(Acre)
TMLAND	Long integer	No			9			Total Land Value
TMIMP	Long integer	No			9			Total Improvement Value
TMFHRE	Double	No			9	2		First Half Due
TMHAAM	Double	No			9	2		Second Half Due
TMTTAX	Double	No			9	2		Total Tax Amount
TMTTXP	Double	No			9	2		Total Taxes Paid
TMTPST	Double	No			9	2		Total Tax Posted
TMTINT	Double	No			9	2		Total Interest Amount
TMTPEN	Double	No			9	2		Total Penalty Amount
TMTSPC	Double	No			9	2		Total Special Tax Amount
TMBILN	Long integer	No			7			Tax Bill Number
TMLOTC	Double	No			7	2		Lottery Credit
TMLCNT	Short integer	No			2			Lottery Credit Count
TMLBAT	Long integer	No			5			Batch Number
TMAN#	Long integer	No			7			
TMUPCD	String	No					1	
TMTYPE	String	No					3	
TMSCTW	String	No					10	
TMHIST	String	No					28	
TMUPDT	Long integer	No			8			
TMUPID	String	No					10	
TMSPUD	String	No					3	
TMLLC#	Short integer	No			2			
TMLLC$	Double	No			7	2		
TMLOT$	Double	No			7	2		
TMLLCP	Double	No			7	2		
TMEXT$	Double	No			9	2		
TMNTRT	Float	No			5	2		Net Tax Rate
OBJECTID	Object ID							

Table TaxParcelLandClassInfo

Land Classification and values for Tax Parcels

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length	
TAXKEY	String	Yes					20	Municipal Code and Parcel Identification Number
LDMUN	String	No					4	Municipal Code
LDTYR	Short integer	No			4			Tax Year
LDPNO	String	No					13	Parcel Identification Number
LDCLS	String	No					2	Land Class Code
LDACRE	Float	No			5	2		Land Class Area(Acres)
LDLAND	Long integer	No			9			Land Value
LDIMP	Long integer	No			9			Improvement Value
LDPR	String	No					1	Personal or Real Property
LDUPDT	Long integer	No			8			
LDUPID	String	No					10	
OBJECTID	Object ID							

SQL Server - Data Transformation Services

Table WashCOGIS.GIS.TaxMaster

All data from AS400 TXCMSTP table

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
TMMUN	String	No					4
TMTYR	Short integer	No			4		
TMPNO	String	No					13
TMACT	String	No					1
TMPR	String	No					1
TMNAME	String	No					30
TMAD1	String	No					30
TMAD2	String	No					30
TMAD3	String	No					30
TMAD4	String	No					30
TMAD5	String	No					30
TMCITY	String	No					20
TMZIP	Long integer	No			9		
TMSTAT	String	No					2
TMDELT	String	No					2
TMCRC	String	No					4
TMLNME	String	No					20
TMLNM2	String	No					20
TMPD1	String	No					1
TMPD2	String	No					5
TMPD3	String	No					1
TMPD4	String	No					5
TMPADR	String	No					20
TMPHY	String	No					30
TMSAL	String	No					1
TMASS	String	No					17
TMPASS	String	No					1
TMSASS	String	No					1
TMDOOM	String	No					1
TMALTK	String	No					22
TMSCH	String	No					4
TMBN	String	No					1
TMRC1	String	No					3
TMRC2	String	No					3
TMRC3	String	No					3
TMRC4	String	No					3
TMRC5	String	No					3
TMRC6	String	No					3
TMDC	String	Yes					30
TMDC1	String	No					2
TMDC2	String	No					2
TMDC3	String	No					2
TMDC4	String	No					2
TMDC5	String	No					2
TMDC6	String	No					2
TMDC7	String	No					2
TMDC8	String	No					2
TMDC9	String	No					2
TMDC10	String	No					2
TMCND 1	String	No					1
TMCND 2	String	No					1
TMCND 3	String	No					1
TMCND 4	String	No					1
TMCNC 1	Short integer	No			2		
TMCNC 2	Short integer	No			2		
TMCNC 3	Short integer	No			2		
TMCNC 4	Short integer	No			2		
TMACRE	Double	No			9	2	
TMLAND	Long integer	No			9		
TMIMP	Long integer	No			9		
TMFHRE	Double	No			9	2	
TMHAAM	Double	No			9	2	
TMTTAX	Double	No			9	2	
TMTTXP	Double	No			9	2	
TMTPST	Double	No			9	2	
TMTINT	Double	No			9	2	
TMTPEN	Double	No			9	2	
TMTSPC	Double	No			9	2	
TMBILN	Long integer	No			7		
TMLOTC	Double	No			7	2	
TMLCNT	Short integer	No			2		
TMLBAT	Long integer	No			5		
TMAN#	Long integer	No			7		
TMUPCD	String	No					1
TMTYPE	String	No					3
TMSCTW	String	No					10
TMHIST	String	No					28
TMUPDT	Long integer	No			8		
TMUPID	String	No					10
TMSPUD	String	No					3
TMLLC#	Short integer	No			2		
TMLLC$	Double	No			7	2	
TMLOT$	Double	No			7	2	
TMLLCP	Double	No			7	2	
TMEXT$	Double	No			9	2	
TMNTRT	Float	No			5	2	
UNQ_ID	Long integer	No			10		
TAXKEY	String	Yes					20

Data Transformation Service GIS_Update_CurrentParcelOwnerInfo_Table

Description: *Import all ownership and district information for current parcels from the TaxMaster table into a MS SQL Table.*

Steps
1. Truncate CurrentParcelOwnerInfo
2. Connect to TaxMaster Table
3. Query out records from TaxMaster for current and future year that are not marked for deletion.
4. Copy Ownership and District fields from TaxMaster to CurrentParcelOwnerInfo table

Data Transformation Service GIS_Update_TaxParcelOwnerInfo_Table

Description: *Import all ownership and district information for Tax parcels from the TaxMaster table into a MS SQL Table.*

Steps
1. Truncate TaxParcelOwnerInfo
2. Connect to TaxMaster Table
3. Query out records from TaxMaster for tax year
4. Copy Ownership and District fields from TaxMaster to TaxParcelOwnerInfo table

Data Transformation Service GIS_Update_TaxParcelTaxInfo_Table

Description: *Import all tax information for Tax parcels from the TaxMaster table into a MS SQL Table.*

Steps
1. Truncate TaxParcelTaxInfo
2. Connect to TaxMaster Table
3. Query out records from TaxMaster for tax year
4. Copy tax data from TaxMaster to TaxParcelTaxInfo table

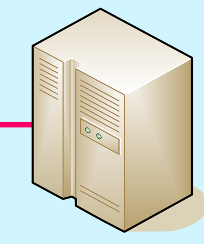
Data Transformation Service GIS_Import_TaxMaster_Table

Description: *Import all records from the DB 2 table containing tax master information into a MS SQL Table. Having the master table stored in MS SQL Server avoids having to make numerous connections and imports from the DB 2 database.*

Steps
1. Truncate Tax Master
2. Connect to LIBTAXDTA .TXCMSTP using "iSeries Access ODBC Driver"
3. Copy all records from DB 2 to MS SQL Server Table TaxMaster
4. Update field called "TAXKEY" to contain concatenation of Municipal Code and Parcel ID Number
5. Update field called "TMDC" to contain concatenation of all District Codes

Data Transformation Service GIS_Import_TaxParcelLandClassinfo_Table

Description: *Import all records for the current year from the DB 2 table containing land classification information into a MS SQL Table.*

Steps
1. Truncate TaxParcelLandClassInfo
2. Connect to LIBTAXDTA .TXCLDCP using "iSeries Access ODBC Driver"
3. Query out records for current year and copy from DB 2 to MS SQL Server Table TaxParcelLandClassinfo
4. Update field called "TAXKEY" to contain concatenation of Municipal Code and Parcel ID Number

AS400 DB2 Database