PROWEST & ASSOCIATES

GIS CONSULTING | DATA SERVICES | APPLICATIONS

Introduction to the Parcel Fabric

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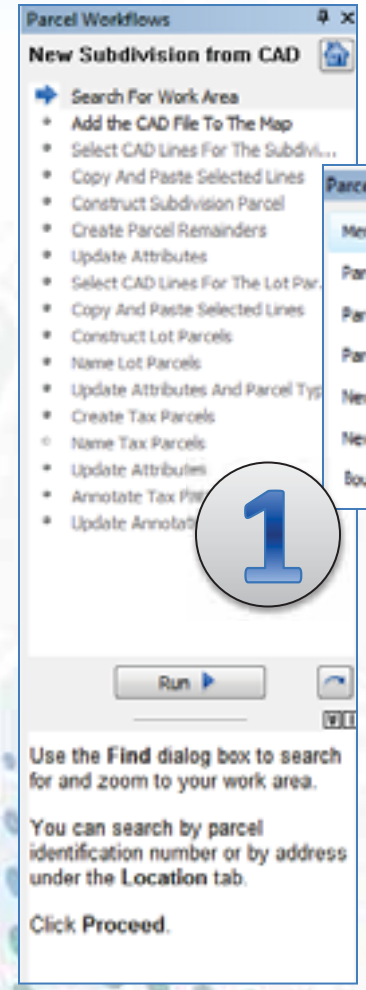
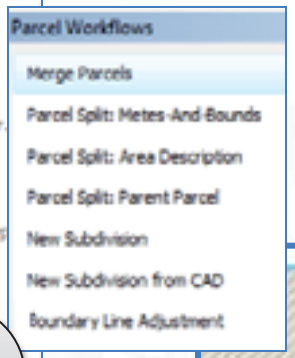
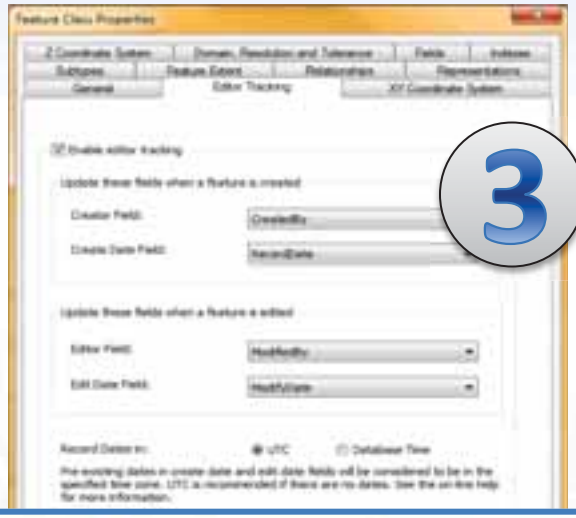
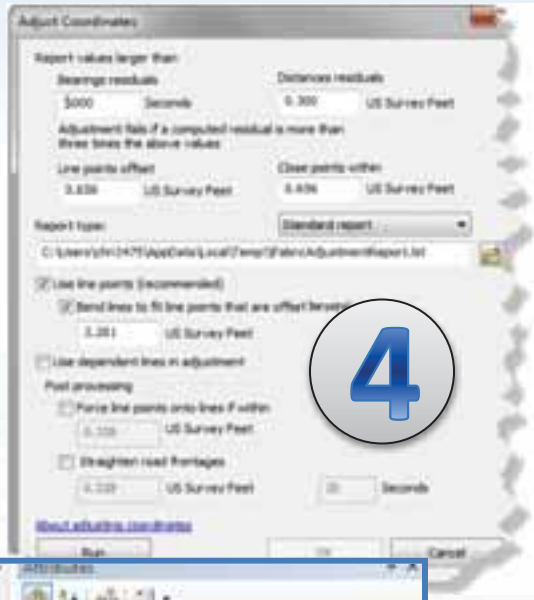
Parcel Fabric

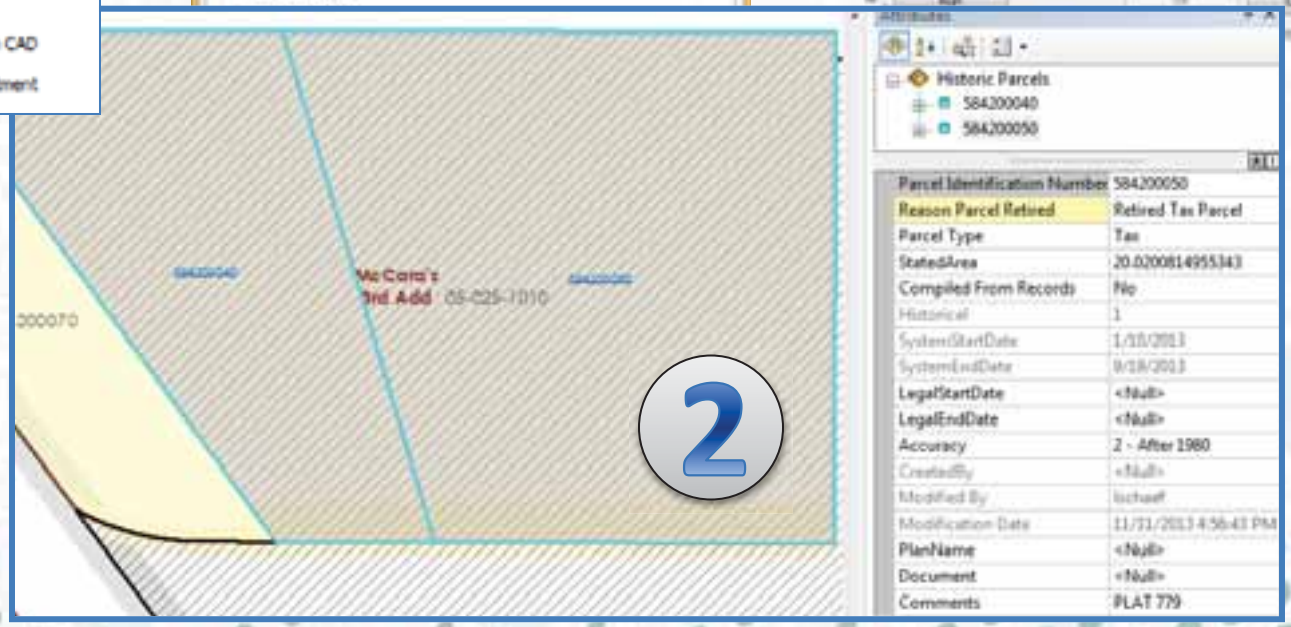
Why Parcel Fabric?





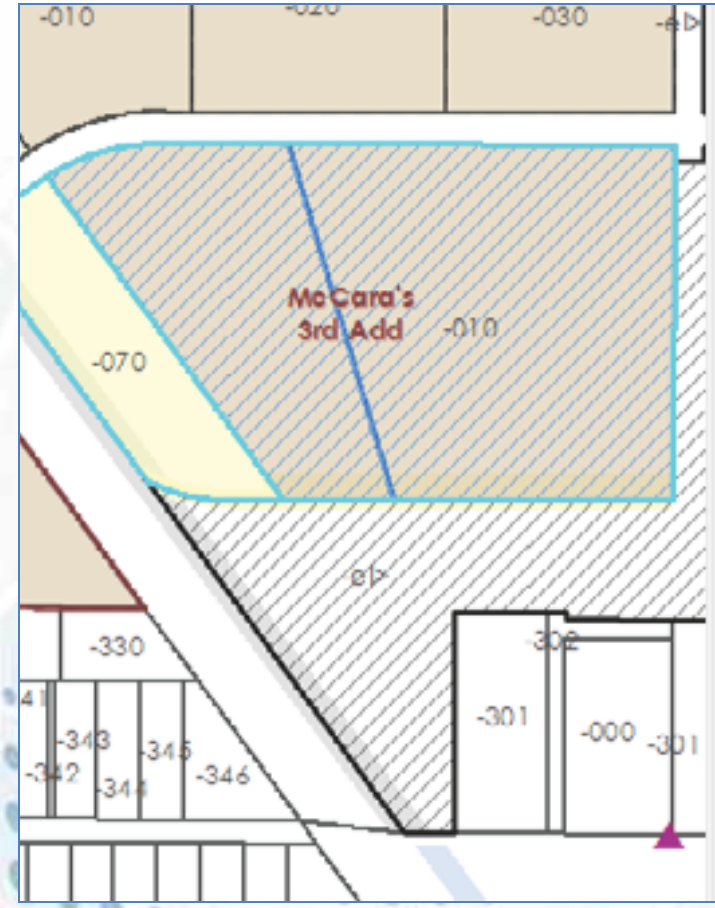


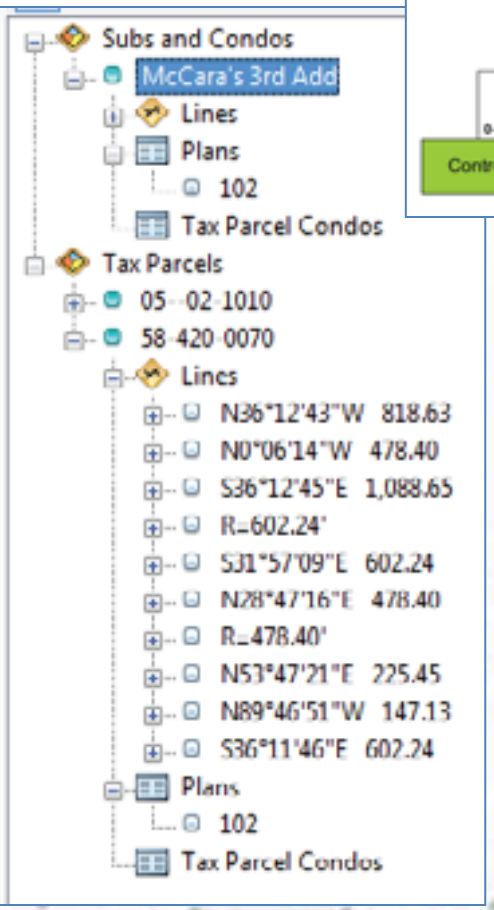


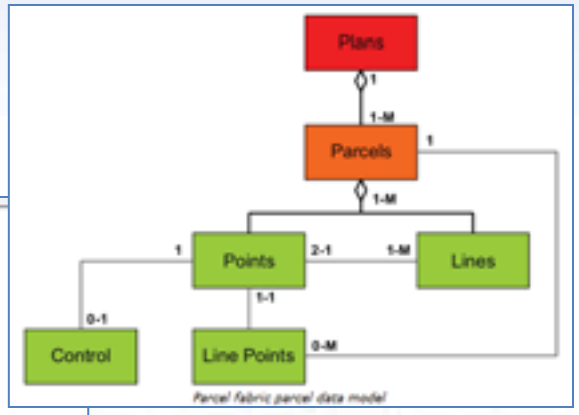


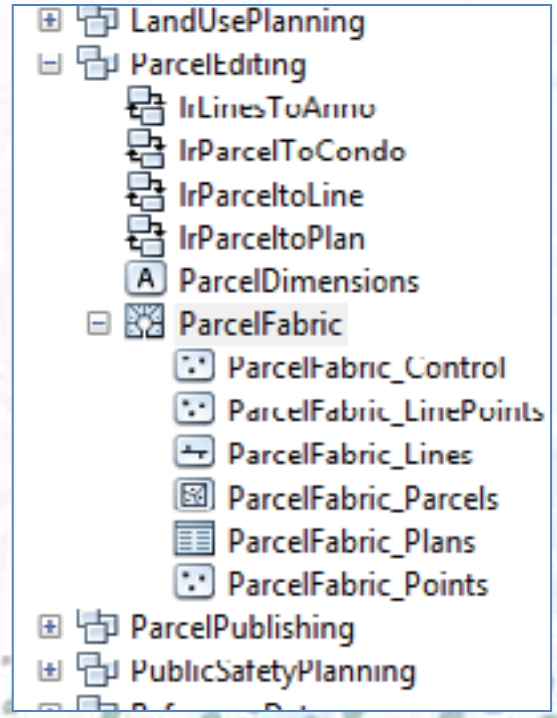
Parcel Fabric Overview

What is a Parcel Fabric?



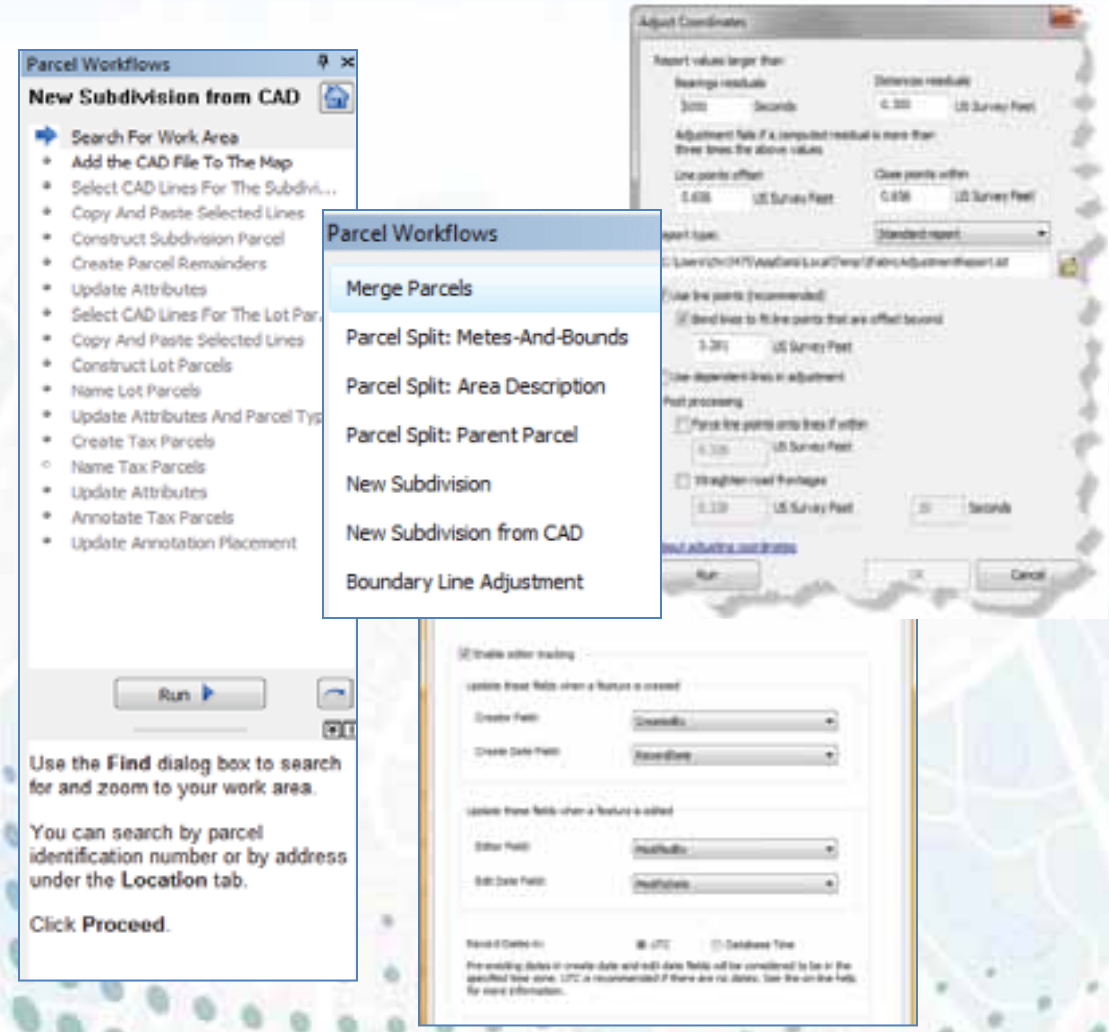






Parcel Fabric Overview

How is it used?

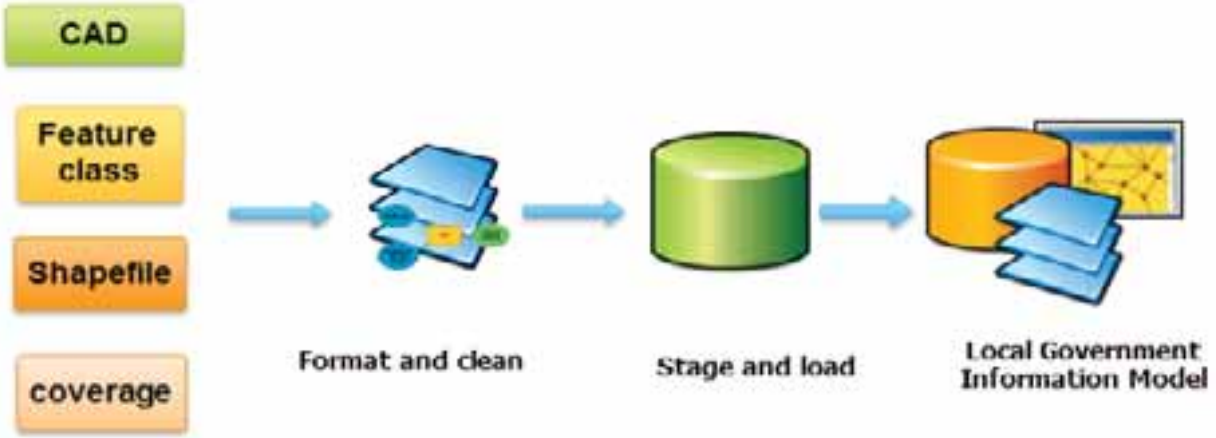


Migrating to the Parcel Fabric

- Cerebral preparation
- Source data preparation
- Staging preparation
- Target fabric preparation
- Post-load review

Cerebral Preparation

4 Stage Migration Model



Source data

'Working' source data

Staging data

Target Location

Cerebral Preparation

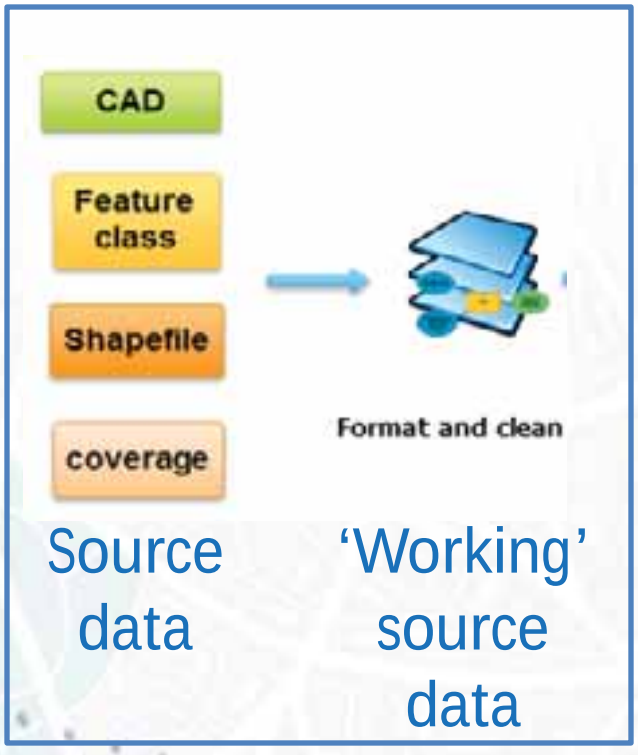
Know Your Data & Make Decisions

Feature Class	Original Count	Original Fields	Target Fields	Action	Status	Client Notes	PWA notes:
Parcels	28,656	PARCEL_ID PIN PID	Delete this one Name Delete this one	Add "Name" to staging Calc PIN to Name	Done	My joins are on numeric, but fabric Name field is a string	Used the PIN field to calc to Name - no dots, just digits and it is currently a text field. Push to Publishing will need to be scripted to handle the text format coming in.
		~~REGION~~		~~Need~~	N/A	~~Do not need this field~~	
		EDIT_DATE	ModifyDate	Add to Staging Check the dates are all real dates Field calculate it over	No		Changed & calc'd to **ModifyDate** to match fabric
		~~SECTION~~ ~~TOWNSHIP~~ ~~RANGE~~		~~Need~~ ~~Need~~ ~~Need~~	N/A N/A N/A	~~I don't think we need to keep these fields~~	
		DOCUMENT	Same	Add to fabric	No		OK
		COMMENTS	Same	Add to fabric	No	Client or PWA?	Will convert right in to the fabric Comments since it's txt, SO.
		CALC_ACREAGE CALC_PERIMETER	StatedArea	? Need ? Need	? N/A	An acreage field is always nice to have, another thing to maintain - is there a better way to get acreage utilizing the fabric - LGM?	For GIS acres, the **StatedArea** field will be used to replace the Acreage field. Deleting perimeter field.
		ACCURACY	Accuracy	Review current values – are they correct?	No	I don't think there is anything here.... all 'Null'	**~~To be calculated~~ - Done (Z)**
		~~HISTORIC~~ ~~CALC_AREA~~ ~~TAXINFO_URL~~ ~~SECT_NUMBR~~	same	~~Will auto-populate – don't need to load~~ ~~Need~~ ~~Add to fabric~~ ~~Need~~	N/A N/A N/A N/A	~~Do not need these fields~~	
			Type	Add to staging Calc 'I'	No		OK

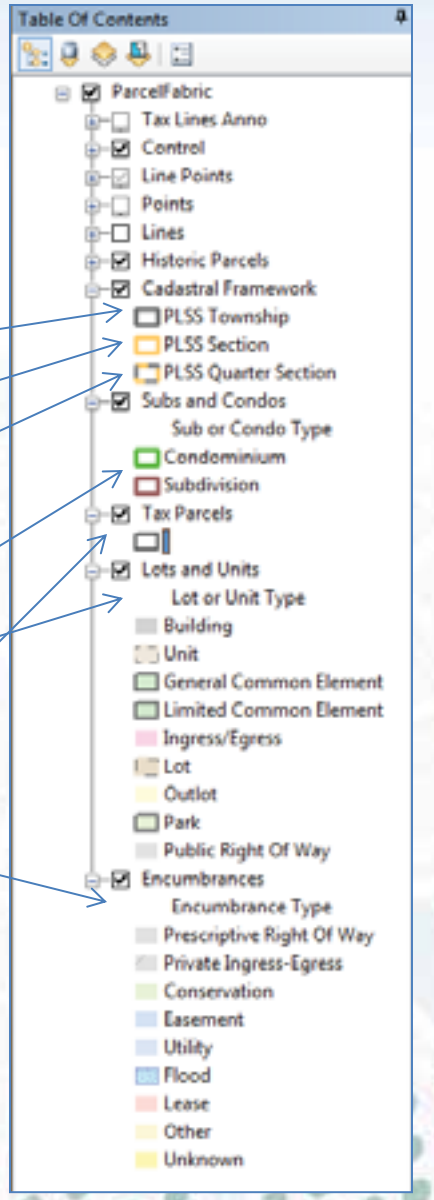
overlapping parcels in various locations

Source to Working Source Data Preparation

What to migrate?

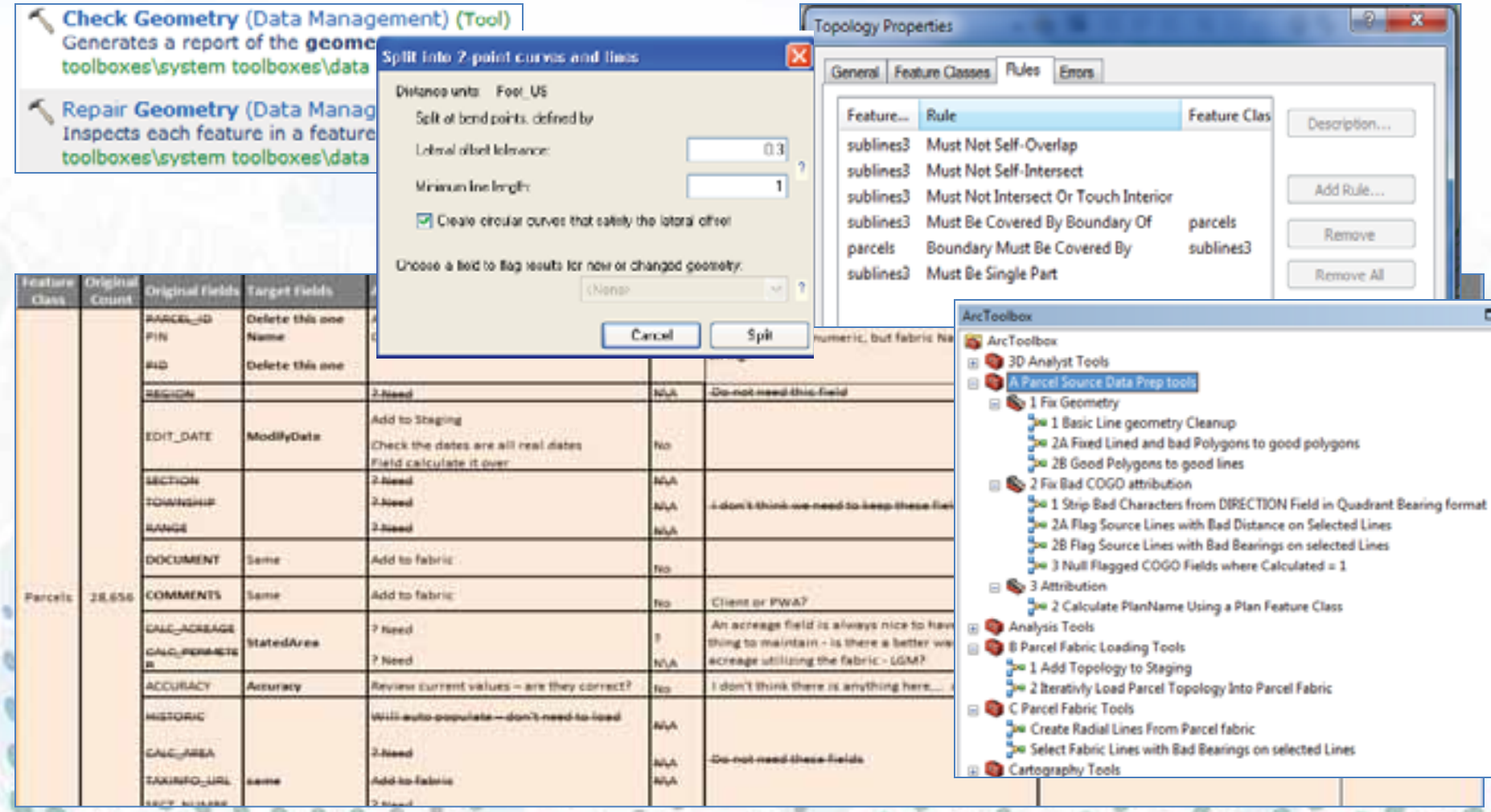


Code	Description
1	PLSS Township
2	PLSS Section
3	PLSS Quarter Section
4	Special Survey
5	Simultaneous Conveyance
6	Conveyance Division
7	Tax Parcel
8	Ownership
9	Encumbrance
10	Separated Right
11	Other



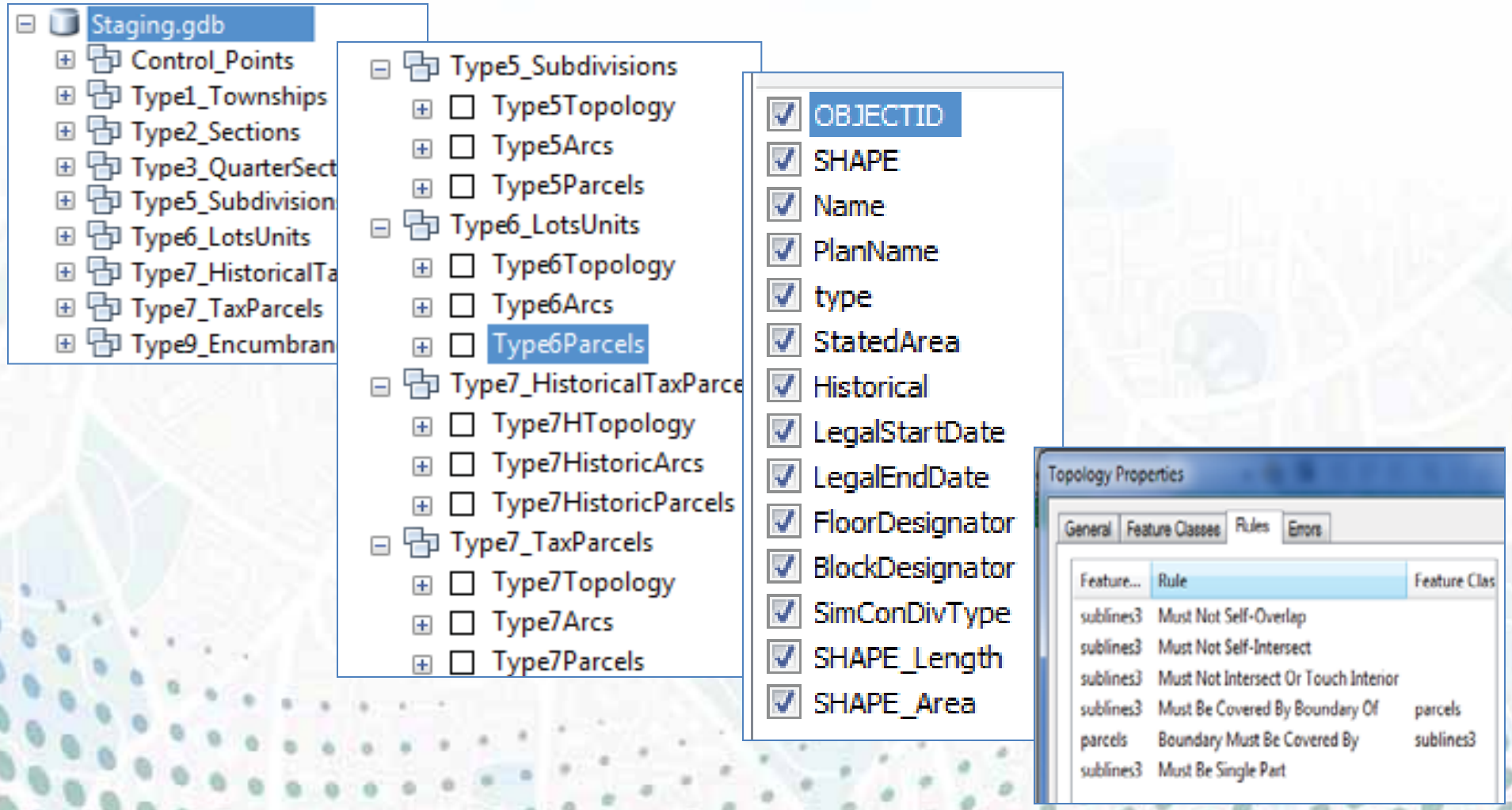
Working Source Data Preparation

Prep Geometry & Attributes



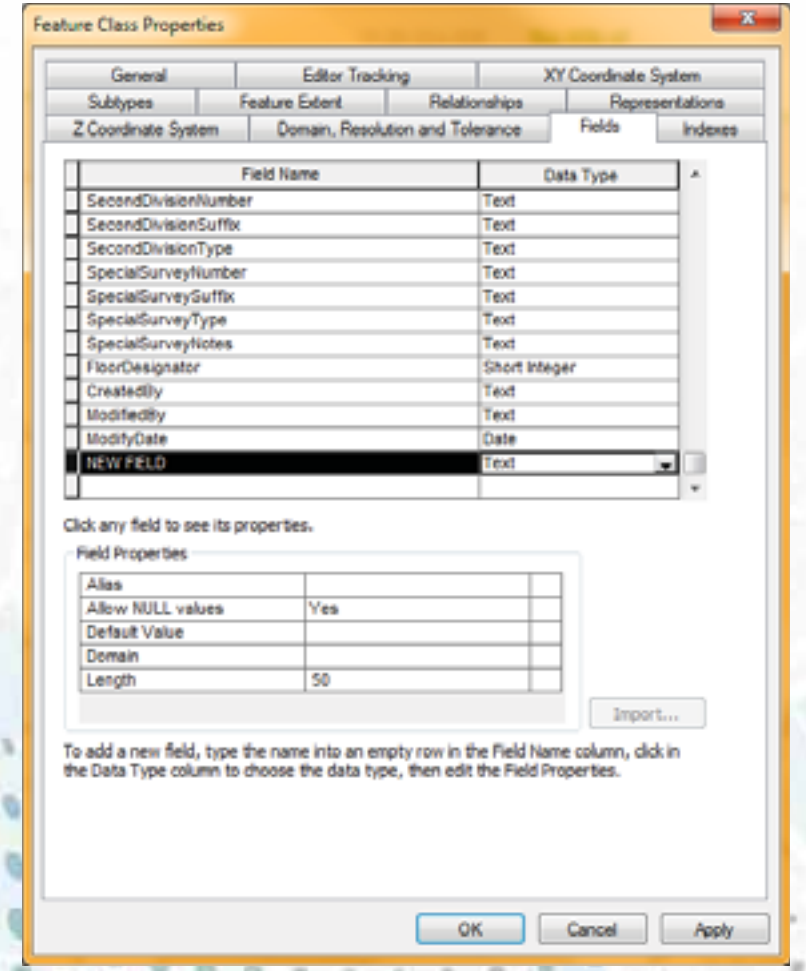
Staging GDB Preparation

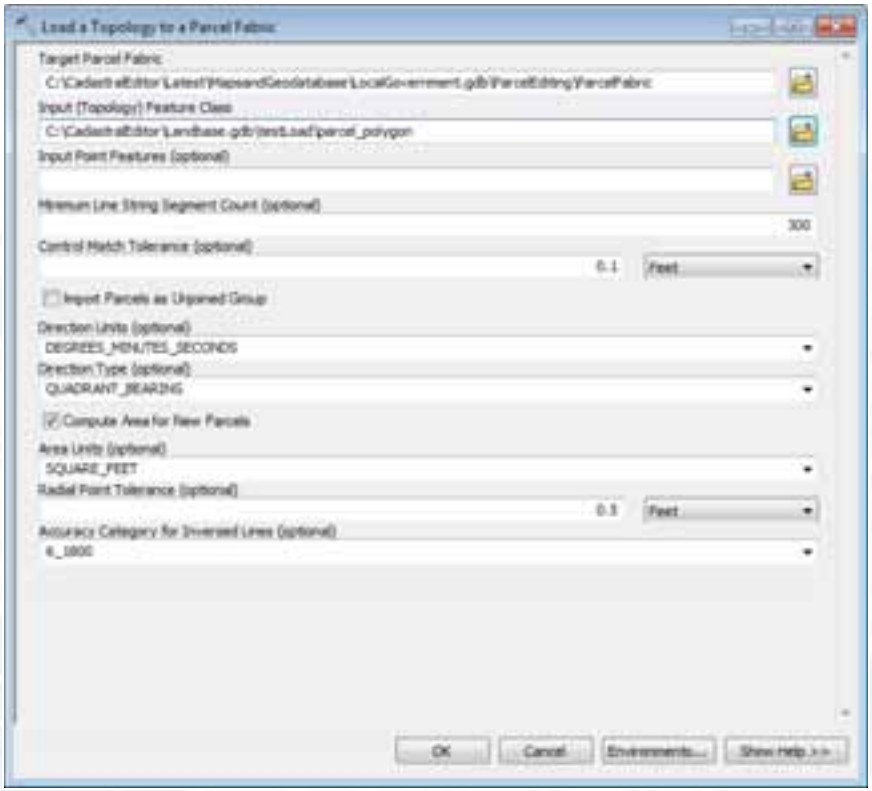
Prepare Staging Data



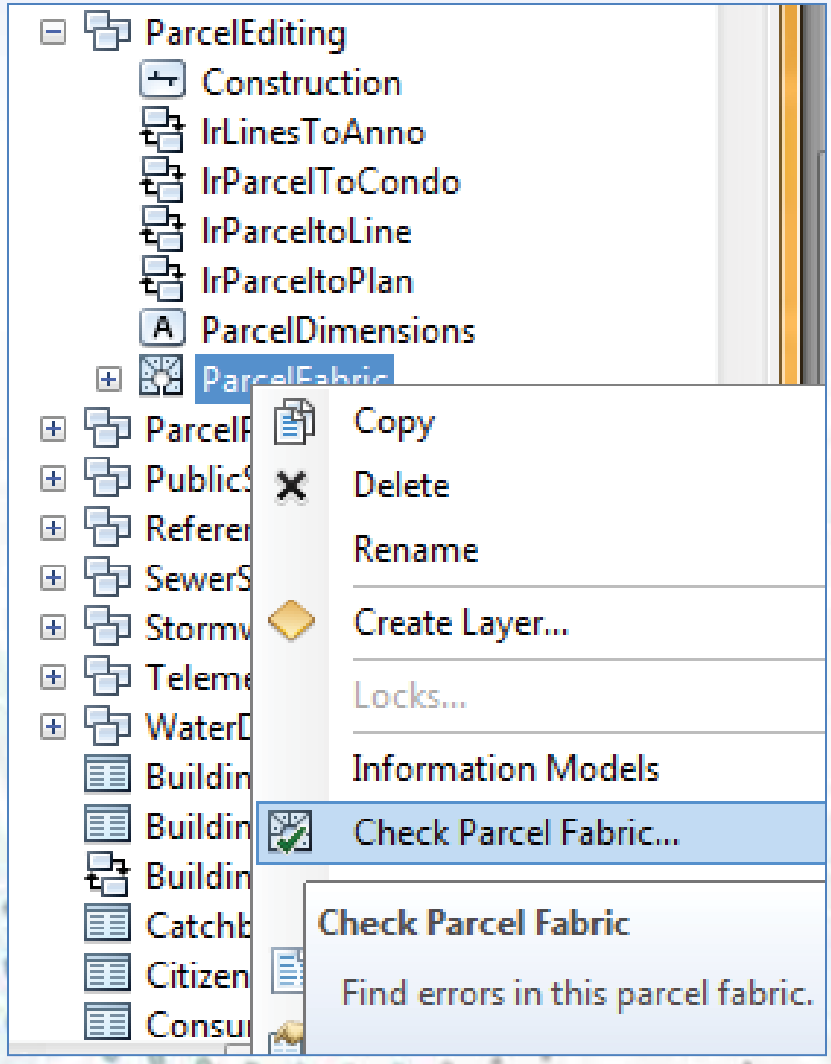
Target Fabric Preparation

Prep Target Fabric & Load Data





Post-Load Review

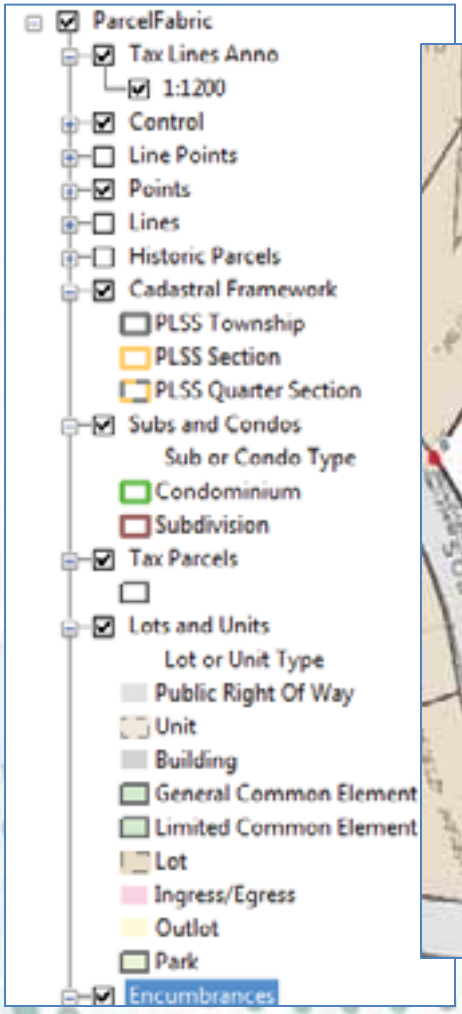
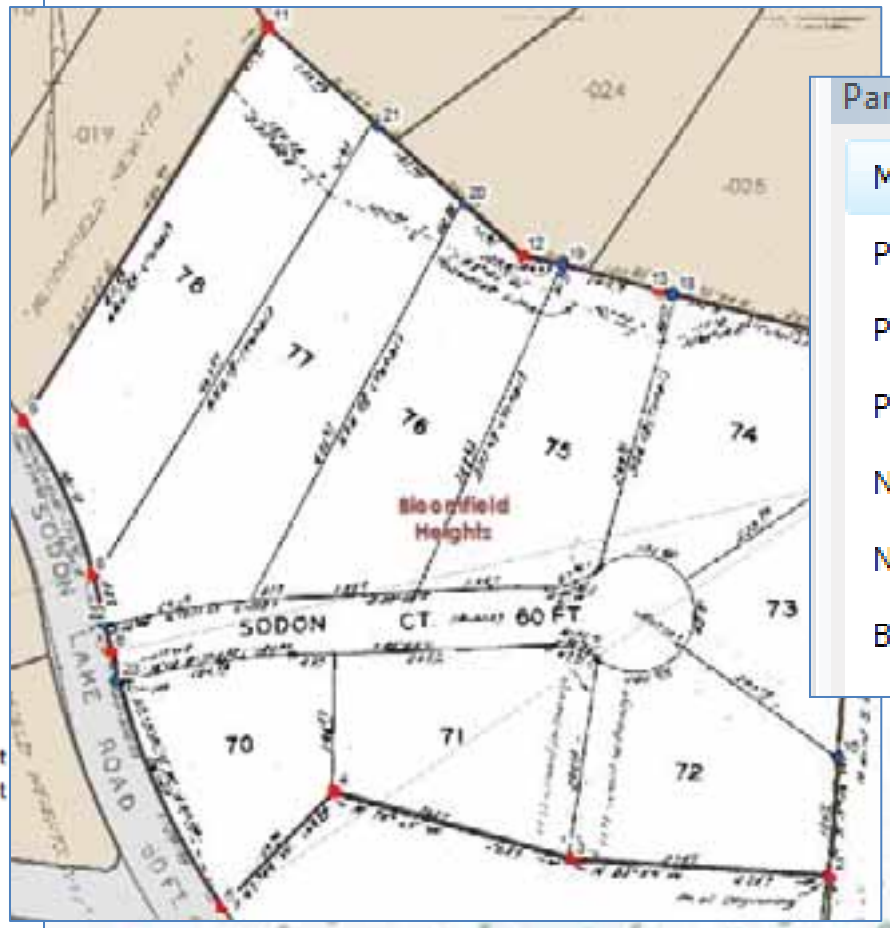
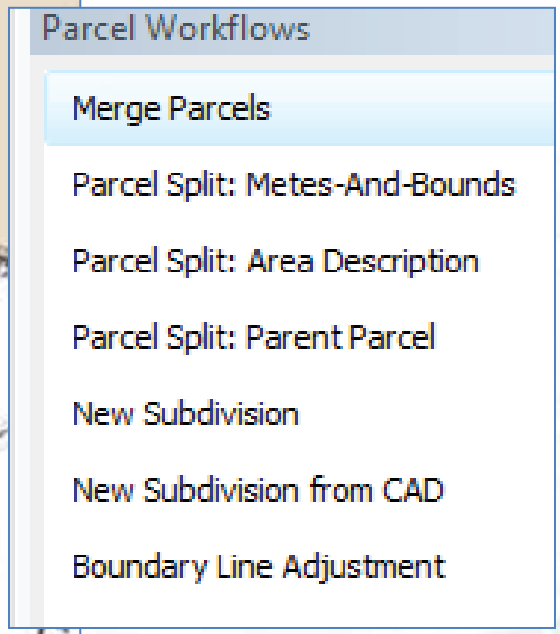


Review the Fabric Migration

- Editing Map
- Check Fabric
- Merge Courses
- Merge Curve Center Points
- Inventory
- Attributes
- etcetera . . . .

Migrating to Parcel Fabric

- ✓ Cerebral preparation
- ✓ Source data preparation
- ✓ Staging preparation
- ✓ Target fabric preparation
- ✓ Post-load review

Now What?

Work with your new parcel fabric!