

# Putting GIS Data To Work In 911 Dispatch Centers

## Tips and Tricks For Spillman CAD



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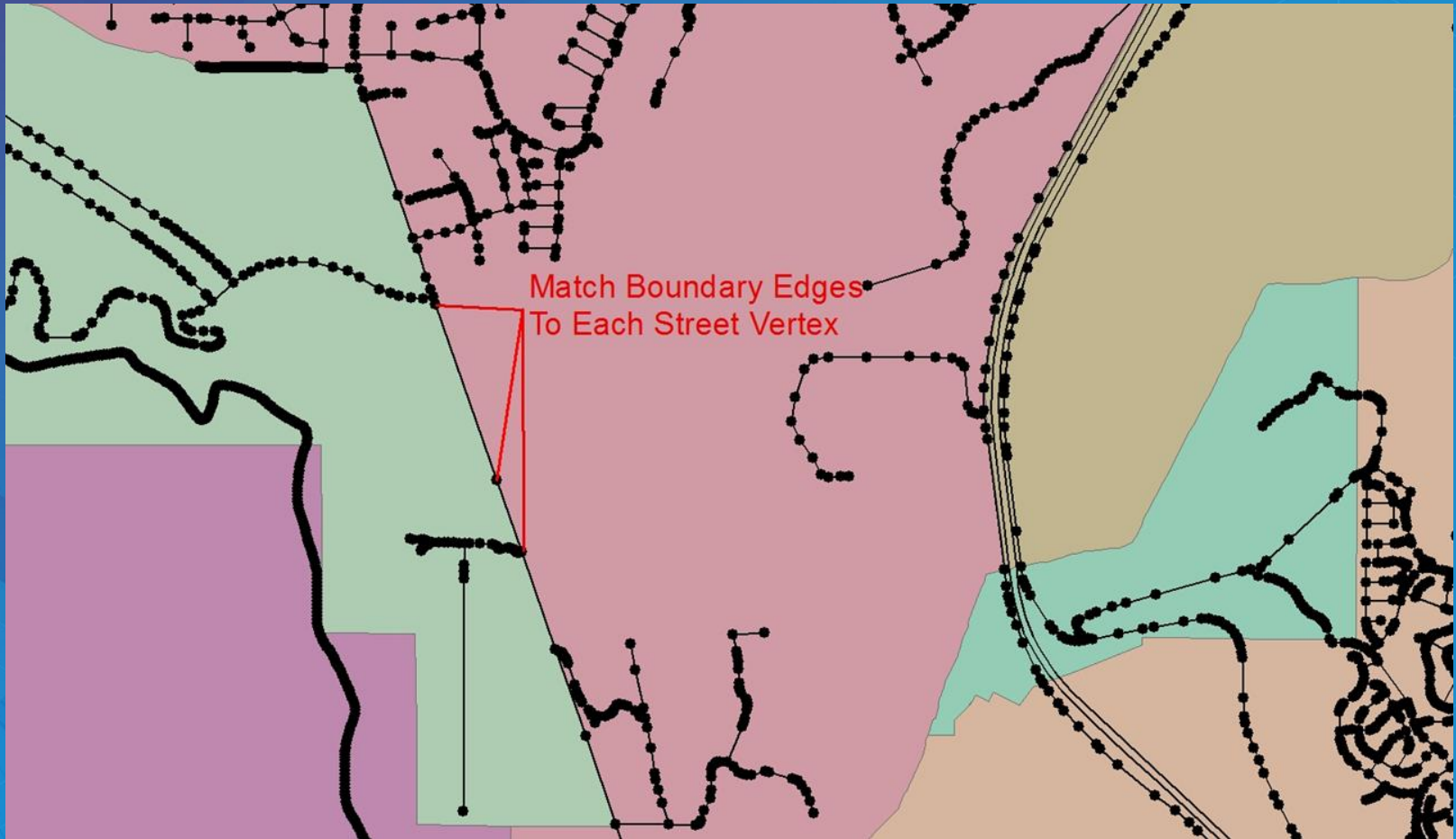
# What IS Our Goal?

- **Send the right responder**
- **To the right location**
- **In the quickest possible time**
- **Creating records of calls with correct, consistent, official addresses**

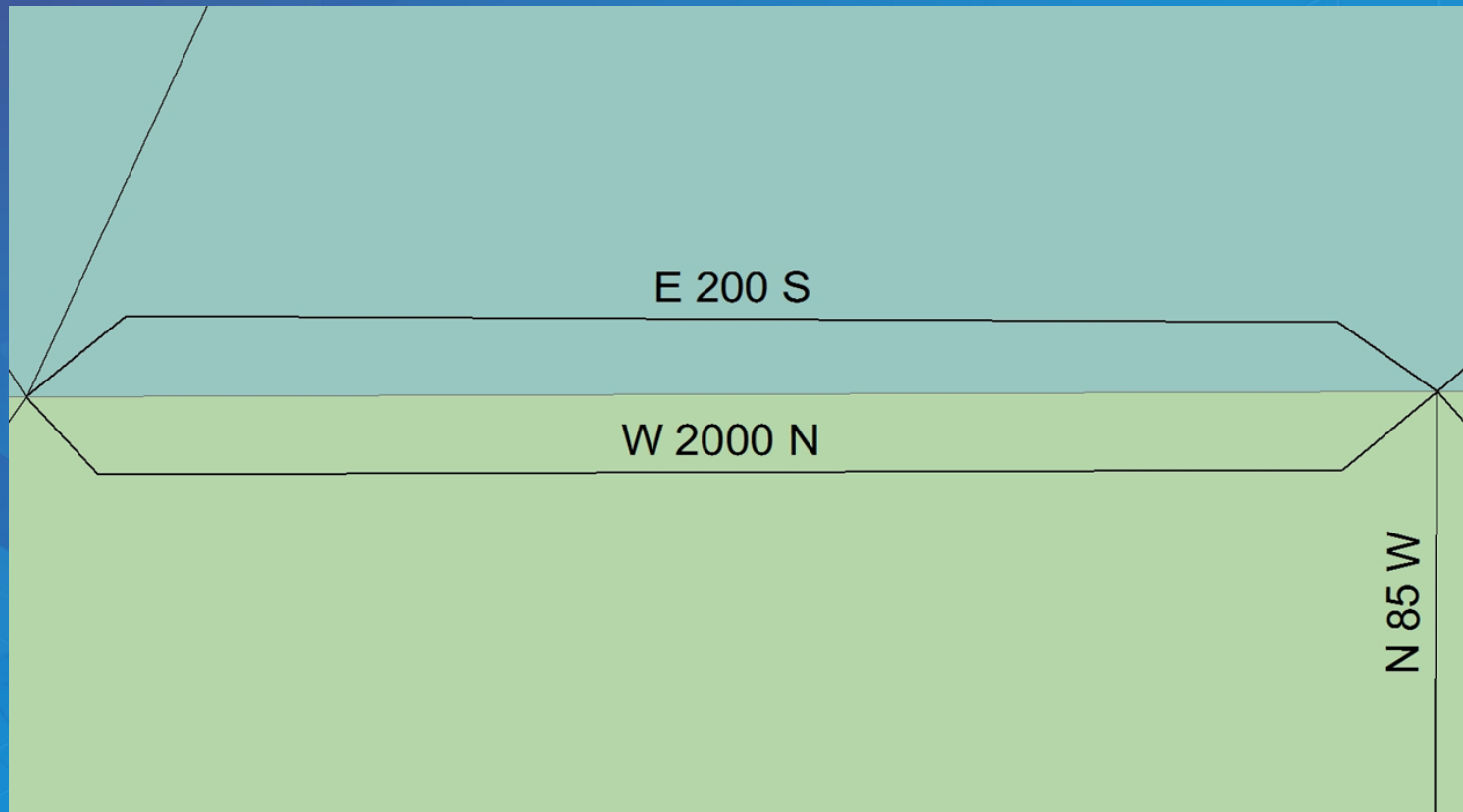
# Topics Covered

- **Boundary polygons**
- **Campus buildings**
- **Address points**

# Boundaries Along Street Segment



# Boundaries Along Streets Shared By Two Municipalities



# Spillman Classic Street Segment Specific Fields

STREET	LCITYCD	RCITYCD	LZ_LEFT	LZ_RIGHT	LA_LEFT	LA_RIGHT	FZ_LEFT	FZ_RIGHT	FA_LEFT	FA_RIGHT	EZ_LEFT	EZ_RIGHT	EA_LEFT	EA_RIGHT
E 400 S	STG	STG	P4	P4	P4	P4	PF2	PF2	PF2	PF2	472	472	472	472
N PAINTED HILLS DR	MI	MI	SCIN	SCIN	SCIN	SCIN	IVINF	IVINF	IVINF	IVINF	472	472	472	472
W 1300 N	STG	STG	P5	P5	P5	P5	PF7	PF7	PF7	PF7	472	472	472	472
N REISLING CIR	SAN	SAN	SCIS	SCIS	SCIS	SCIS	SANTF	SANTF	SANTF	SANTF	472	472	472	472
W 100 N	MI	MI	SCIN	SCIN	SCIN	SCIN	IVINF	IVINF	IVINF	IVINF	472	472	472	472
N 1110 W CIR	STG	STG	P7	P7	P7	P7	PF5	PF5	PF5	PF5	472	472	472	472
W TABERNACLE ST	STG	STG	P1	P1	P1	P1	PF2	PF2	PF2	PF2	472	472	472	472
W 100 S	STG	STG	P3	P1	P3	P1	PF2	PF2	PF2	PF2	472	472	472	472
S MAIN ST	STG	STG	P4	P3	P4	P3	PF2	PF2	PF2	PF2	472	472	472	472
N LAKOTA DR	STG	STG	P5	P5	P5	P5	PF7	PF7	PF7	PF7	472	472	472	472
S XAVIER DR	MI	MI	SCIN	SCIN	SCIN	SCIN	IVINF	IVINF	IVINF	IVINF	472	472	472	472
S PUERTO DR	MI	MI	SCIN	SCIN	SCIN	SCIN	IVINF	IVINF	IVINF	IVINF	472	472	472	472



# Populate Fields From Polygons

- **Populating street segment fields from polygons with the Spillman tool is a very effective way to manage the data.**
- **Run tool after street segment updates and Spillman specific fields will have correct values for all segments**



# Populate Fields Tool

**Populate Fields from Polygon Layers**

This tool updates zone, city, and zip fields in an addressing layer based on values from other polygon layers. Pre-populating these fields using this tool will improve geobase performance.

Layer:   Populate empty fields only  
 Update all fields

	Polygon Layer	Source Field	Left Field	Right Field
<input checked="" type="checkbox"/> City	<input type="text" value="StGeorgeDispatch_CITYCD"/>	<input type="text" value="CITYCD"/>	<input type="text" value="LCITYCD"/>	<input type="text" value="RCITYCD"/>
<input type="checkbox"/> Zip	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Law Zones

Zone	Polygon Layer	Source Field	Left Field	Right Field
<input type="checkbox"/> Dispatch	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Area	<input type="text" value="StGeorgeDispatch_L"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Response	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Select All      Side Offset:  ft.



# Campus Buildings

- Responses to specific buildings and rooms
- Street segment for each building
- Street name is the name of building
- Address range span is the span of room numbers
- Room number entered as if a house number



# Campus Buildings Example



# Campus Buildings Street Data

	STREET	L_F_ADD	L_T_ADD	R_F_ADD	R_T_ADD
	DSC FOOTBALL FIELD	1	5	2	6
	DSC GARDNR	101	229	100	230
	DSC GRAFF	1	111	2	110
	DSC GYM	1	301	2	302
	DSC HANSEN	101	211	100	210
	DSC HAZY	101	361	100	362
	DSC HEAT	1	109	2	110
	DSC HOUSE	1	5	2	6
	DSC HURST	101	299	100	300
	DSC ICL	1	5	2	6
	DSC IR	1	122	2	123
	DSC JEN	101	193	100	192
	DSC LIB	1	2	217	218
	DSC LOT A	1	5	2	6
	DSC LOT AA	1	5	2	6
	DSC LOT B	1	5	2	6

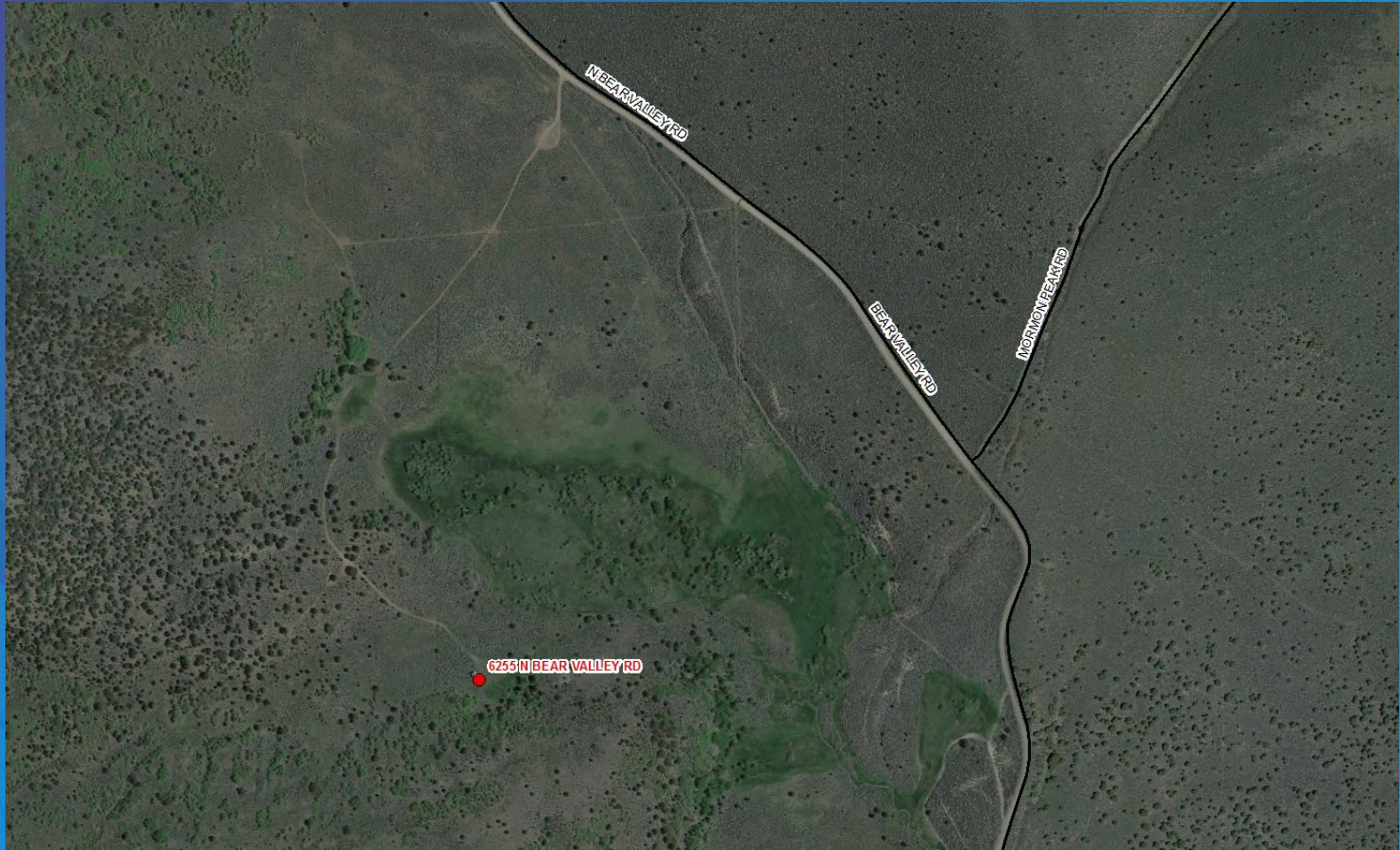


# Address Points

- **Based on community master address list**
- **Provide exact location of structures**
- **Provide unit identification for multiple structures with same address**
- **Aid in determining which entry to use in multi-unit structures**



# Exact Location Of Structure



# Multiple Structures Same Address



# Multi-Unit Buildings



# Address Points Rules

- Each point must have a corresponding street segment from which location is accessible
- Address of point must exactly match street segment primary name
- Help to ensure one official address per location whether it comes from street or point





# Address Points and Street Segments Not Matching

ADDRESS POINT	STREET SEGMENT	ISSUE
W HIGHWAY 40	W MAIN ST	Point has alias name
APPLE ST	S APPLE ST	Point has no prefix direction
S ROCK SPRINGS DR	S ROCK SPRINGS RD	Different street types
N RIDGE CREST RD	N RIDGE CREST	Street has no street type
N RIDGECREST RD	N RIDGE CREST RD	Different spellings of names



# Questions?



# Contact Information

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