LAB 13 - Right of Way Parcels

InRoads has a utility to create additional parcels (closed alignments) from existing parcels and crossing alignments. As illustrated below, lots 1-4 have been created and the proposed right of way indicates required right of way acquisition along the northerly limits of the lots.

Chapter Objectives:

• Create a closed alignment from existing alignments



The command used for this exercise is another application ADD-In and is added to the **Geometry > Utilities** menu. The **Create Right-of-Way** menu item is a subset of the Lot Creation application.

Geometry Drainage Evaluation	Mod	deler Dr <u>a</u> fting <u>T</u> ools <u>H</u> elp
View <u>G</u> eometry <u>F</u> it Alignment	,	Proi Description File Name
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Superelevation	•	 ≯ Irim Alignment ⅔ Extend Alignment ✓ Patial Delete Alignment
Review Horizontal		 ✓ Muticenter Curve ← Cul-de-sac ✓ Create Right-of-Way
Cogo <u>P</u> oints <u>L</u> ocate	• •	 Parallel Horizontal Alignment Parallel Vertical Alignment

If you do not see the Create Right-of-Way option, go to Tools > Applications Add-Ins and activate Lot Layout Add-In.

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Parcels have been created for Lots 1-4 and stored in the Geometry Project **12345_SummitBP**. Load this geometry project from the folder:

C:\Projects\12345\ROW Survey\InRoads\Geometry

1. File > Open – Open the Geometry folder noted above.



2. Load the 12345_SummitBP.alg file.

Last Re * 3/5/20 3/5/20 3/5/20 Summit BP Lot 3 Lot 3 of Summ... Brys 3/5/20 Summit BP Lot 4 Lot 4 of Summ... Brys 3/5/20 = Summit Business Park SW int of RL & ... Brys 3/5/20 3 🖁 Geometry 🔊 Preference 4 > 4 III III III CI CD 202 **Toggles the Report Lock**

3. Select Geometry > Utilities > Create Right-of-Way

Dialog Settings:

- Alignment (selected) Original parcels impacted by ROW acquisition ٠
- *Cogo Points* If enabled, will create Cogo points at the intersection of the proposed ٠ right of way and existing lot lines
- **Right of Way** If enabled, creates parcels representing the acquisition area ٠
- **Remainder** If enabled, creates parcels representing the remainder of the selected lots ٠

- Create Right-of-Way Cogo Points Alignment: Apply Create Cogo Points + Close Seed Name: SBP_pRW_01 Selected: Filter. Name Descr... Style Description: SBP_Sec-Line_pro Help Style: RW_Sec-Line_pro -Right-of-Way Remainder Create Right-of-Way Alignment Create Remainder Alignment Name:
 From Original
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 Specify Suffix: Suffix: Prefix: Prefix: Description: Description: Style: Style: ALG_EXISTING ALG_EXISTING • •
- 4. Complete the *Cogo Points* section as shown.

5. Complete the *Right-of-Way* section as shown.

Alignment:	Cogo Points	Deinte		Apply
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Name Descr Style	Description:	SBP_pRW_01 SBP_Sec-Line_pro		Filter
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6. Complete the *Remainder* section as shown.

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elected:		Seed Name	RW_01@	1 Close	
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7. **<D>** on the *Filter* button.

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Description: RW_a	acquisition	Description:	Parcel Remainder
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- 8. Under the Available column, select Summit BP Lot 1-4.
- 9. **<D>** the **Add** button.

10. <D> OK

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Available:				Selected:		пер
Name	Description	Style ^	Add ->	Name	Description	Style
S.H. 83 South ROW	Proposed RW at	CRW_	<- Remove			
Summit BP Lot 1	Lot 1 of Summit E	JuRW_				
Summit BP Lot 2	Lot 2 of Summit E	BuRW_	<- Swap ->			
Summit BP Lot 3	Lot 3 of Summit E	JuRW_	All			
Summit BP Lot 4	Lot 4 of Summit E	BuRW_				
Summit Business Par	k SW int of RL & C	RRW_	None			
West Line of Sec 13	CL CR 303	RW_				

11. The parcels are added to the list.

Alignment:	Cogo Points	a Pointe	Apply
Selected:	Seed Name	E: SEP - RW 01	Close
Name Desc	cr Description	SBP Sec-Line	Filter
Summit BP Lot 1 Lot 1	of I + Style:	RW_Sec-Line	pro
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12. **<D> Apply -** you are prompted to identify the Right of Way Alignment.



13. <D> on the alignment S.H. 86 South ROW - parcel previews will highlight

14. **<D>** inside any acquisition parcel to define which side of the identified alignment the acquisition parcels lay - the parcels and Cogo points are then created

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