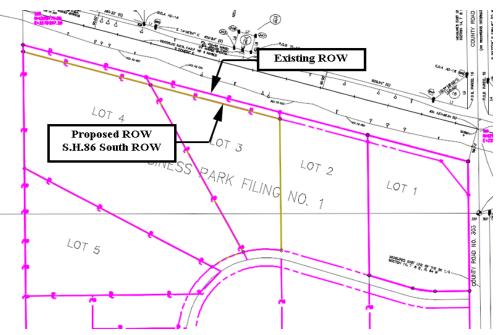
## LAB 13 - Right of Way Parcels

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	<u>M</u> od	leler D	rafting	<u>T</u> ools	<u>H</u> elp		
View <u>G</u> eometry <u>Fit</u> Alignment	•	Proj	Descr	iption		File Name	
Horizontal Curve <u>S</u> et V <u>e</u> rtical Curve Set	•	transfer and the second sec	ate/ <u>E</u> di	t Alignm	ent by	Cogo Points	s
Hori <u>z</u> ontal Element Vertical Ele <u>m</u> ent	, ,	🕫 Joi	averse E n m Alignm				
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Cogo <u>P</u> oints Locate		🖍 Pa 🖄 Pa			_		

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

Application Add-ins	
Available:	ОК
Import SRV Add-In	*
Import Subsurface Add-In	Cancel
Italian Extensions Add-In	Help
Lot Layout Add-In	пер
Multiple Horizontal Element Regression Analysis Add-In	
Multiple Vertical Element Regression Analysis Add-In	=
Named Symbology Tools Add-In	
Remove User Data Add-In	
SDMS Translator Add-In Description The Lot Layout Add-In provides commands for the creation and setbacks and rights-of-way.	manipulation of lots,
Description The Lot Layout Add-In provides commands for the creation and setbacks and rights-of-way.	
Description The Lot Layout Add-In provides commands for the creation and setbacks and rights-of-way.	manipulation of lots,
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Description The Lot Layout Add-In provides commands for the creation and setbacks and rights-of-way.	manipulation of lots,
Description The Lot Layout Add-In provides commands for the creation and setbacks and rights-of-way. Command Geometry>Lot Layout>Create Lots	manipulation of lots,
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Description The Lot Layout Add-In provides commands for the creation and setbacks and rights-of-way. Command Geometry>Lot Layout>Create Lots Geometry>Lot Layout>Insert Point Geometry>Lot Layout>Move Point	manipulation of lots,

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.

(**1**11)

Look in:	: 📙 Geometry			- 😳	🍺 📂 🗓	<b>-</b>		
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2	12345 RO	W.alg	_					
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2. *Load* the **12345\_SummitBP.alg** file.

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

**Dialog Settings**:

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

Nignment: +	Cogo Points	Points	Apply
Selected:	Seed Name:	SBP_pRW_01	Close
Name Descr Style	Description:	SBP_Sec-Line_pr	o Filter
	Style:	RW_Sec-Line_pr	Help
	pecify	Name:  From C Prefix:	riginal 🔘 Specify Suffix:
Prefix: Suffix: Description:		Description:	

4. Complete the *Cogo Points* section as shown.

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

lignment:	Cogo Points	Deinte	Apply
Selected:	Seed Name:		Close
Name Descr Style	Description:	SBP_pRW_01 SBP_Sec-Line_pro	Filter
	Style:	RW_Sec-Line_pro	▼ Help
Create Right-of-Way Alignme Name:  From Original Prefix: Suffi Description: RW_acqu Style: RW_prop	Specify K: Aquire	Create Remainder A Name:  From Ori Prefix: Description: Syle:	

Nignment:	Cogo Points	Points	Apply
Selected:	Seed Name:	SBP_oRW_01	Close
Name Descr Style	Description: Style:	SBP_Sec-Line_	pro Filter
Right-of-Way Create Right-of-Way Alignme Name:  From Original	ent 🔽	emainder ] Create Remaind Name: @ From	Original © Specify
	X: Aquire	Prefix: Description:	Suffix: Rem
0.1-	erty-Bndry-	Style:	Parcel Remainder RW_Property-Bndry-

6. Complete the *Remainder* section as shown.

7. **<D>** in the Alignment field and then **<D>** on the *Filter* button.

Nignment:	Cogo Points ▶ ☑ Create Cogo	Points	Apply
elected:	Seed Name:	RW_01م_SBP	Close
Name Descr Style	Description: Style:	SBP_Sec-Line_ RW_Sec-Line_	Help
Right-of-Way Create Right-of-Way Alignme Name:  From Original Prefix: Suffi	ent 🔽	emainder ] Create Remaind Name: (a) From Prefix:	
Description: RW_acqu Style: RW Prop	isition erty-Bndry- 💌	Description: Style:	Parcel Remainder RW Property-Bndry-

- 8. Under the Available column, select Summit BP Lots 1-4.
- 9. **<D>** the **Add** button.

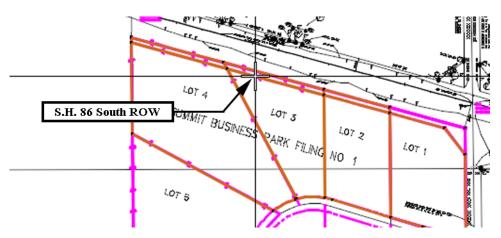
## 10. <D> OK

Style: Included   Fence Mode: Ignore  Available:  Selected:   Available:  Selected:   Help  Available:  Selected:  Help  Summit BP Lot 1 Lot 1 of Summit BuRW_ Summit BP Lot 2 Lot 2 of Summit BuRW_ Summit BP Lot 3 Lot 3 of Summit BuRW_ Summit BP Lot 4 Lot 4 of Summit BuRW_ Summit BU Lot 4 Lot 4 of Summit BuRW_ Summit BU Lot 4 SUMMIT BU LOT 4 SUMMIT BURW_ Summit BU Lot 4 SUMMIT A SUM	Name:	Include	ed 🔻	•				ОК
Preferences       Ignore       Available:       Name     Description       Style       Add ->       Summit BP Lot 1     Lot 1 of Summit BuRW_       Summit BP Lot 2     Lot 2 of Summit BuRW_       Summit BP Lot 3     Lot 3 of Summit BuRW_       Summit BP Lot 4     Lot 4 of Summit BuRW_       Summit BP Lot 4     Lot 4 of Summit BuRW_       Summit BP Lot 3     Lot 4 of Summit BuRW_       Summit BP Lot 4     Lot 4 of Summit BuRW_       Summit BP Lot 4     Lot 4 of Summit BuRW_       Summit BP Lot 4     Lot 4 of Summit BuRW_	Description:	Include	▼ be	•				Cancel
Fence Mode:     Ignore       Available:     Selected:       Name     Description       Style     Add ->       Summit BP Lot 1     Lot 1 of Summit BuRW_       Summit BP Lot 2     Lot 2 of Summit BuRW_       Summit BP Lot 3     Lot 3 of Summit BuRW_       Summit BP Lot 4     Lot 4 of Summit BuRW_       Summit BP Lot 4     Lot 4 of Summit BuRW_       Summit Business Park     SW int of RL & CRRW_	Style:	Include	▼ be	•				Preferences
Available:         Selected:           Name         Description         Style           S.H. 83 South ROW         Proposed RW at CRW_         Add ->           Summit BP Lot 1         Lot 1 of Summit BuRW_         <           Summit BP Lot 2         Lot 2 of Summit BuRW_         <           Summit BP Lot 3         Lot 3 of Summit BuRW_            Summit BP Lot 4         Lot 4 of Summit BuRW_         All           Summit Business Park         SW int of RL & CRRW_	Fence Mode:	Ignore	Ŧ					
S.H. 83 South ROW         Proposed RW at CRW_           Summit BP Lot 1         Lot 1 of Summit BuRW_           Summit BP Lot 2         Lot 2 of Summit BuRW_           Summit BP Lot 3         Lot 3 of Summit BuRW_           Summit BP Lot 4         Lot 4 of Summit BuRW_           Summit BP Lot 4         Lot 4 of Summit BuRW_           Summit BP Lot 4         Lot 4 of Summit BuRW_           Summit Business Park         SW int of RL & CRRW_	Available:					Selected:		neih
Summit BP Lot 1       Lot 1 of Summit BuRW_         Summit BP Lot 2       Lot 2 of Summit BuRW_         Summit BP Lot 3       Lot 3 of Summit BuRW_         Summit BP Lot 4       Lot 4 of Summit BuRW_         Summit Business Park       SW int of RL & CRRW_	Name		Description	Style ^	Add ->	Name	Description	Style
Summit BP Lot 1         Lot 1 of Summit BuRW_           Summit BP Lot 2         Lot 2 of Summit BuRW_           Summit BP Lot 3         Lot 3 of Summit BuRW_           Summit BP Lot 4         Lot 4 of Summit BuRW_           Summit Bu.siness Park         SW int of RL & CRRW_	S.H. 83 South	ROW	Proposed RW a	CRW_	<- Remove			
Summit BP Lot 3 of Summit BuRW Summit BP Lot 4 Lot 4 of Summit BuRW Summit Business Park SW int of RL & CRRW	Summit BP Lo	t 1	Lot 1 of Summit	BuRW_	< Homeve			
Summit BP Lot 4 Lot 4 of Summit BuRW	Summit BP Lo	t 2	Lot 2 of Summit	BuRW_	<- Swap ->			
Summit BP Lot 4 Lot 4 of Summit BuRW_I Summit Business Park SW int of RL & CRRW_E	Summit BP Lo	t 3	Lot 3 of Summit	BuRW_	All	1		
Summit Business Park SVV int of RL&CRRVV_ None	Summit BP Lo	t 4	Lot 4 of Summit					
West Line of Sec 13 CL CR 303 RW_	Summit Busine	ess Park	SW int of RL & C	RRW	None			
	West Line of S	Sec 13	CL CR 303	RW_				

11. The parcels are added to the list.

🕌 Create Right-of-Way			
Alignment:	Cogo Points Create Cogo	o Points	Apply
Selected:	Seed Name:	SBP_oRW_01	Close
Name Descr Style 🔺	Description:	SBP Pro lot corners	Filter
Summit Lot 1 of RW_P	Style:	RW_Calc_Pnt-pro	Help
Right-of-Way ☑ Create Right-of-Way Alignment	-	Remainder 7 Create Remainder Alignm	ent
Name: 💿 From Original 💿 S	pecify	Name: 💿 From Original	Specify
Prefix: Suffix:	Acquire	Prefix: S	uffix: Rem
Description: Parcel Acquis	sition	Description: Parcel	Remainder
Style: RW_Property	r-Bndry- ▼	Style: RW_P	roperty-Bndry- 💌

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.

	valuation Modeler Site Mo		ntities <u>T</u> ools	<del></del>		
	Name	Northing	Easting	Description	Style	
C_Centerline	SBP_pRW_2	1555937.88	3279641.10	SBP Pro lot corners	RW_Calc_Pnt	
S.H. 83 South ROW	SBP_pRW_3	1556164.03	3279103.31	SBP Pro lot corners	RW_Calc_Pnt	
Summit BP Lot 1	SBP_pRW_4	1556095.69	3279354.30	SBP Pro lot corners	RW_Calc_Pnt	
Summit BP Lot 2	SBP_pRW_5	1556264.48	3278734.40	SBP Pro lot corners	RW_Calc_Pnt	
Summit BP Lot 3	SBP_pRW_6	1556164.03	3279103.31	SBP Pro lot corners	RW_Calc_Pnt	
Summit BP Lot 4	SBP_pRW_7	1556363.35	3278371.26	SBP Pro lot corners	RW_Calc_Pnt	
	SBP_pRW_8	1556264.48	3278734.40	SBP Pro lot corners	RW_Calc_Pnt	
Summit BP Lot 1Acquire	SBP_pRW_9	1556095.77	3279354.01	SBP Pro lot corners	RW_Calc_Pnt	
Summit BP Lot 2Acquire	SBP_pRW_10	1555937.88	3279641.10	SBP Pro lot corners	RW_Calc_Pnt	
Summit BP Lot 3Acquire	SBP_pRW_11	1556164.03	3279103.31	SBP Pro lot corners	RW_Calc_Pnt	
	SBP_pRW_12	1556095.69	3279354.30	SBP Pro lot corners	RW_Calc_Pnt	
	SBP_pRW_13	1556264.48	3278734.40	SBP Pro lot corners	RW_Calc_Pnt	
Summit BP Lot 2Rem	SBP_pRW_14	1556164.03	3279103.31	SBP Pro lot corners	RW_Calc_Pnt	
Summit BP Lot 3Rem	SBP_pRW_15	1556363.35	3278371.26	SBP Pro lot corners	RW_Calc_Pnt	
Summit BP Lot 4Rem	SBP_pRW_16	1556264.48	3278734.40	SBP Pro lot corners	RW_Calc_Pnt	
🖁 Geometry 📸 Preferences 🎯 Dra 🧃			III			

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