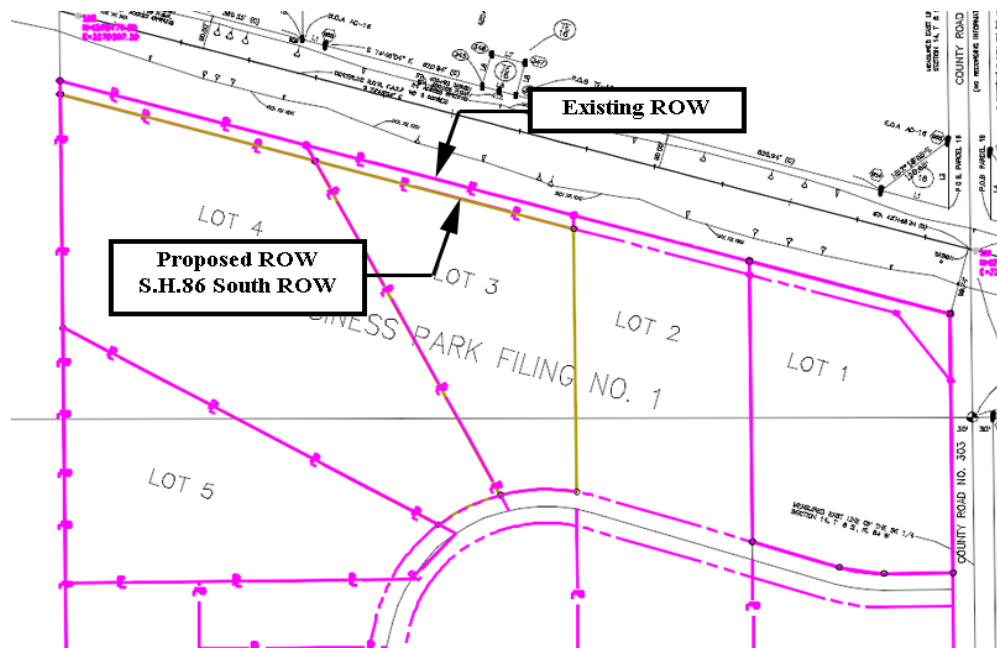


# LAB 13 - Right of Way Parcels

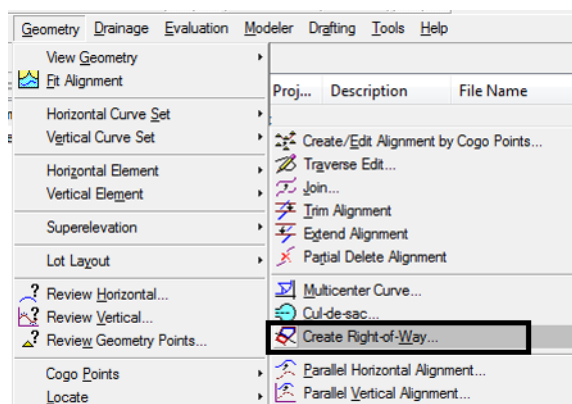
InRoads has a utility to create additional parcels (closed alignments) from existing parcels and crossing alignments. As illustrated below, lots 1-4 have been created and the proposed right of way indicates required right of way acquisition along the northerly limits of the lots.

## Chapter Objectives:

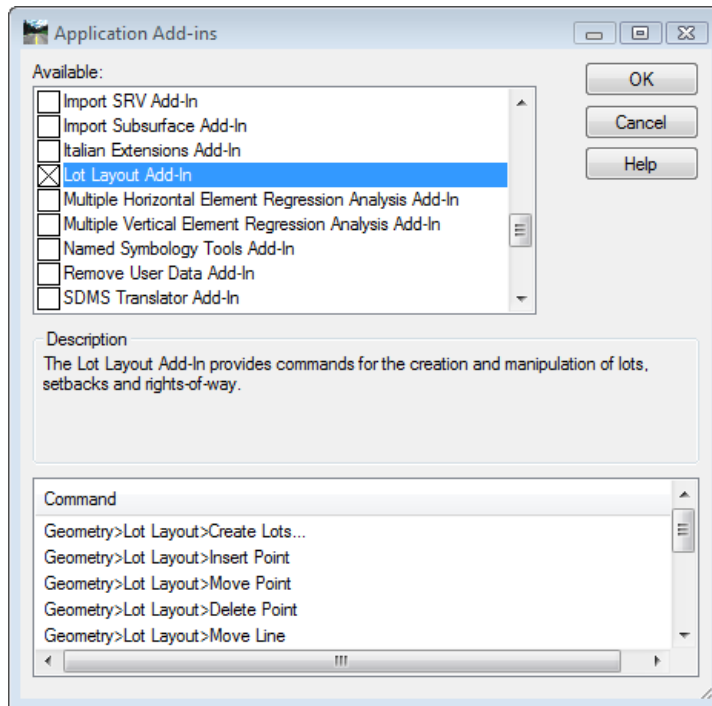
- Create a closed alignment from existing alignments



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.



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

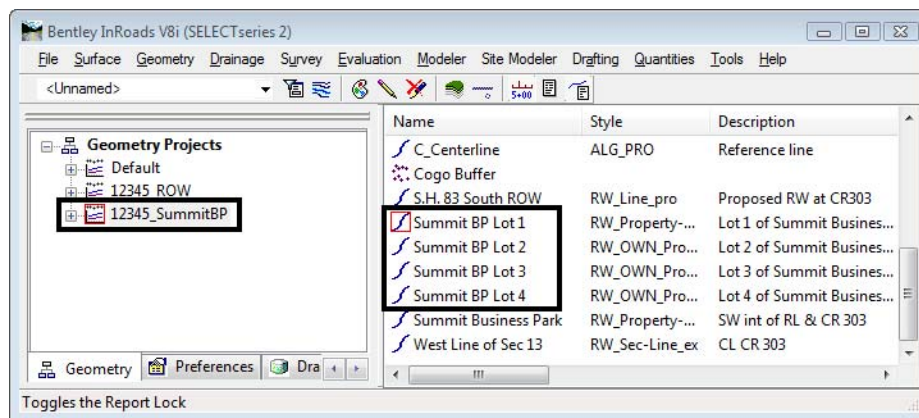
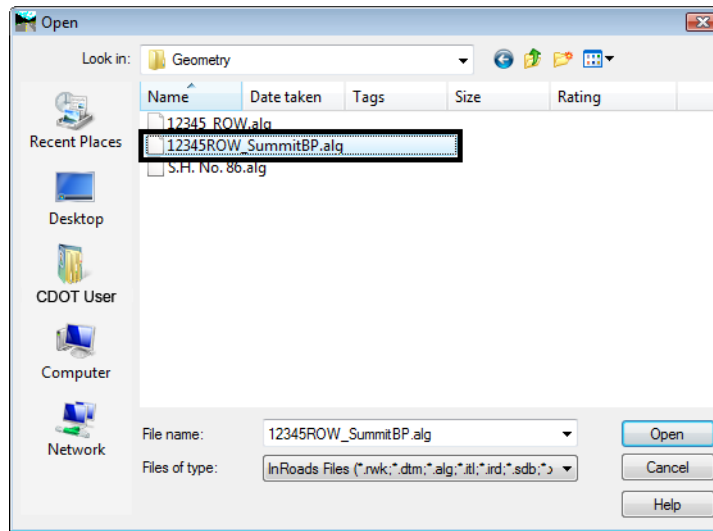


Parcels have been created for Lots 1-4 and stored in the Geometry Project **12345\_SummitBP**. Load this geometry project from the folder:

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

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

2. **Load** the 12345\_SummitBP.alg file.

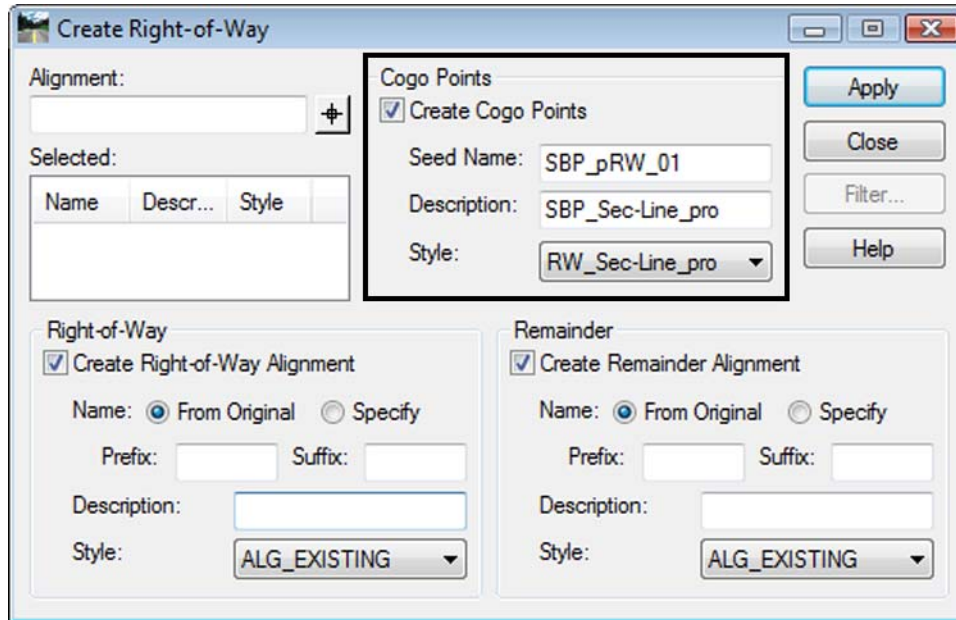


3. Select **Geometry > Utilities > Create Right-of-Way**

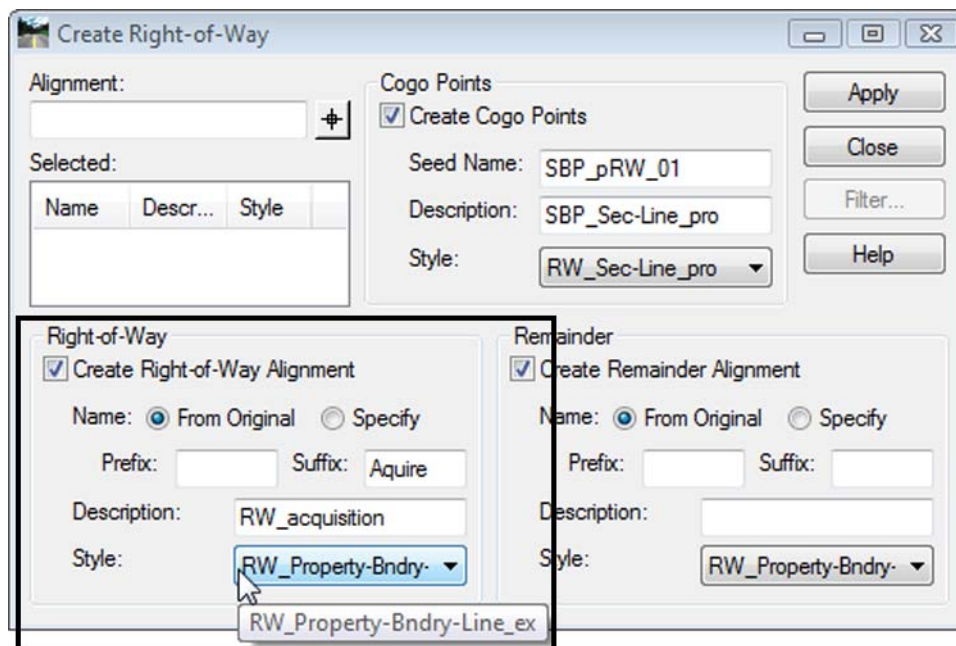
**Dialog Settings:**

- ◆ **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

- Complete the *Cogo Points* section as shown.



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



6. Complete the **Remainder** section as shown.

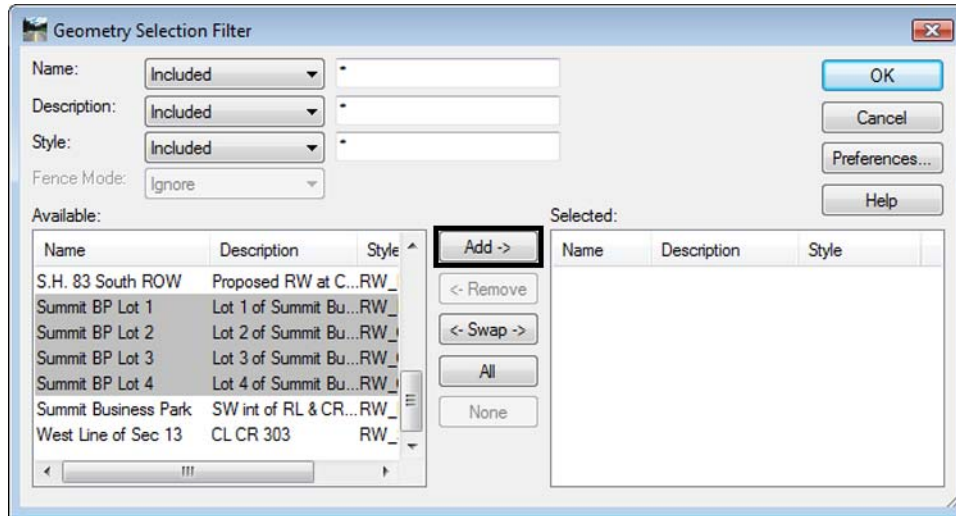
The screenshot shows the 'Create Right-of-Way' dialog box. The 'Remainder' section is highlighted with a red box. The 'Remainder' section has 'Create Remainder Alignment' checked, 'Name' set to 'From Original', 'Prefix' empty, 'Suffix' set to 'Rem', 'Description' set to 'Parcel Remainder', and 'Style' set to 'RW\_Property-Bndry-'. A mouse cursor is hovering over the 'Style' dropdown menu, which shows 'RW\_Property-Bndry-Line\_pro' as an option.

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

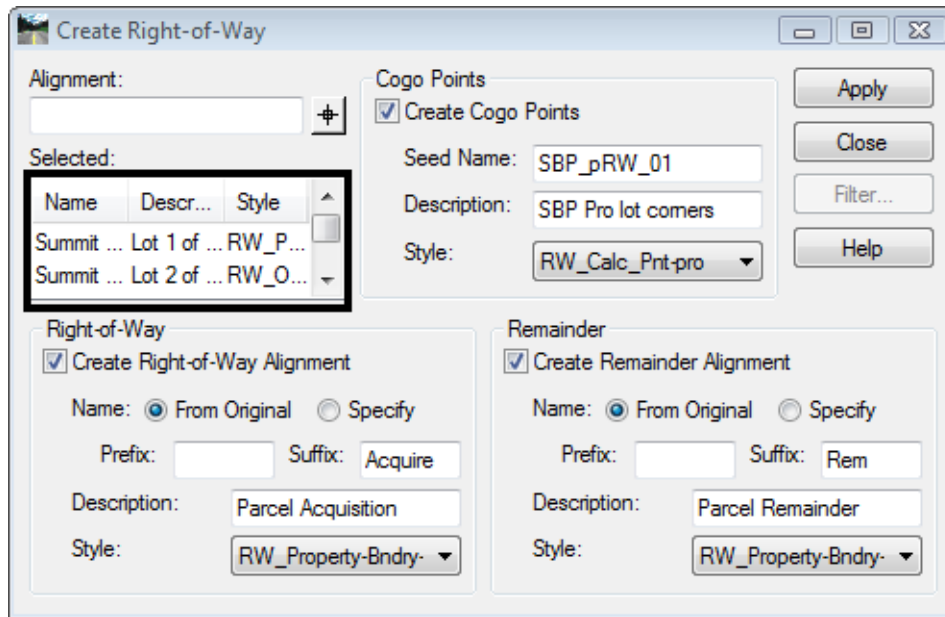
The screenshot shows the 'Create Right-of-Way' dialog box. The 'Filter...' button is highlighted with a red box. The 'Filter...' button is located in the top right corner of the dialog box.

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

10. <D> OK

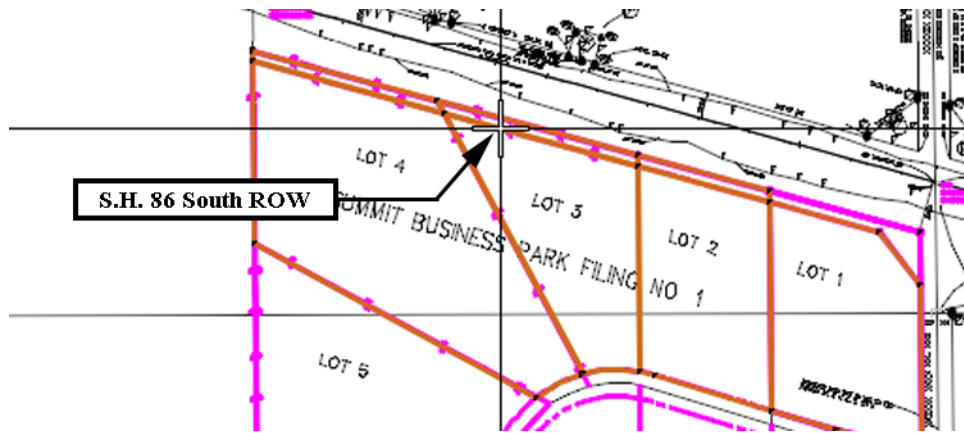


11. The parcels are added to the list.



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.

