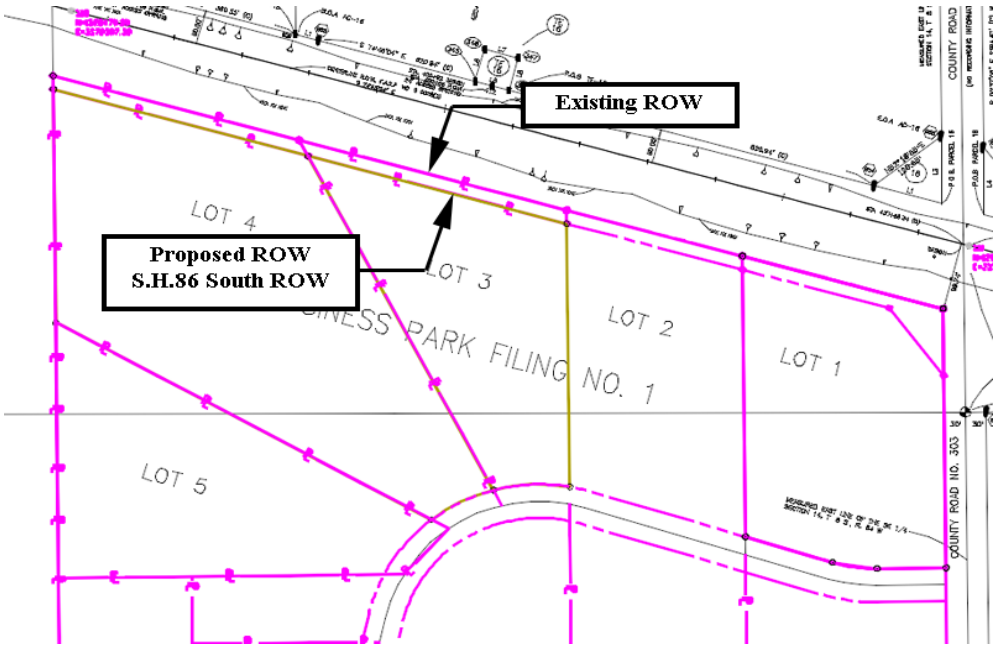
LAB 13 - Right of Way Parcels

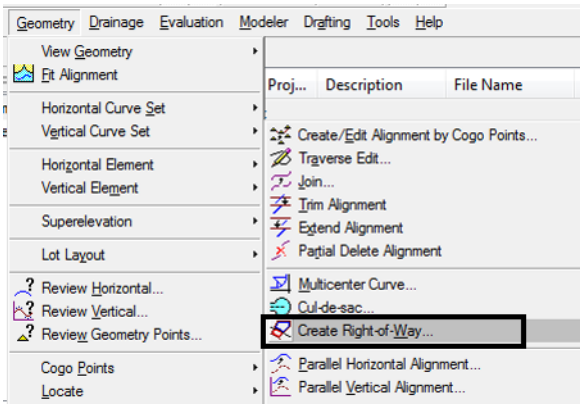
InRoads has a utility to create additional parcels (closed alignments) from existing parcels and crossing alignments. As illustrated below, lots 1-4 have been created and the proposed right of way indicates required right of way acquisition along the northerly limits of the lots.

Chapter Objectives:

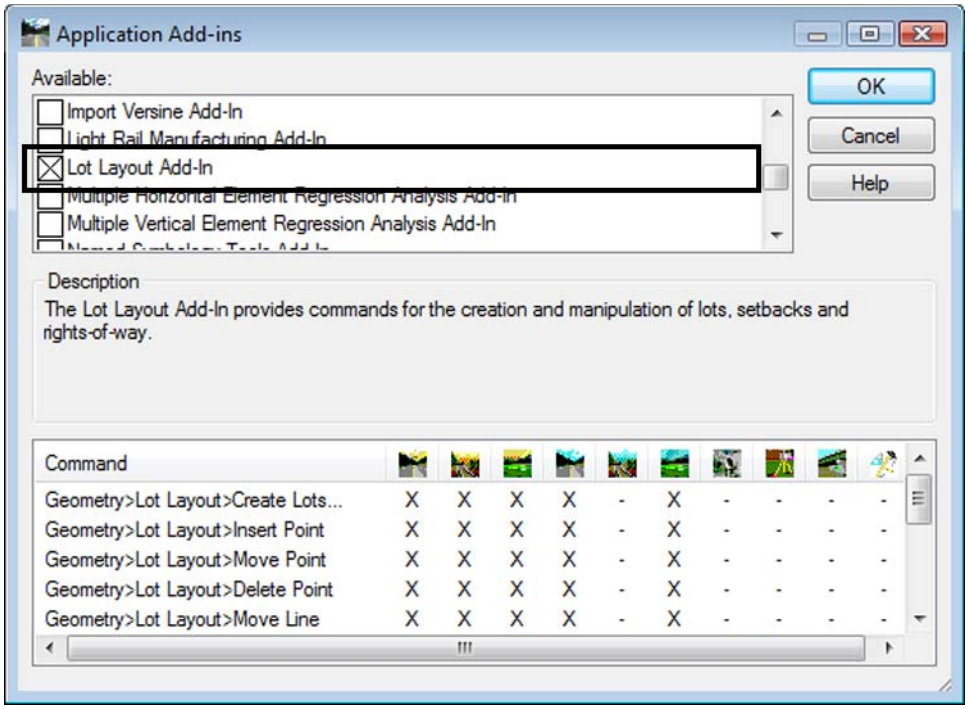
- Create a closed alignment from existing alignments



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.



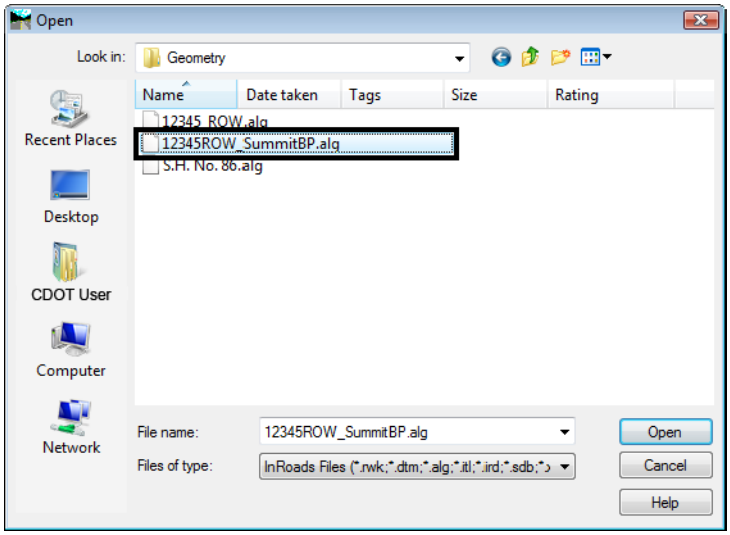
If you do not see the **Create Right-of-Way** option, go to **Tools > Applications Add-Ins** and activate **Lot Layout Add-In**.

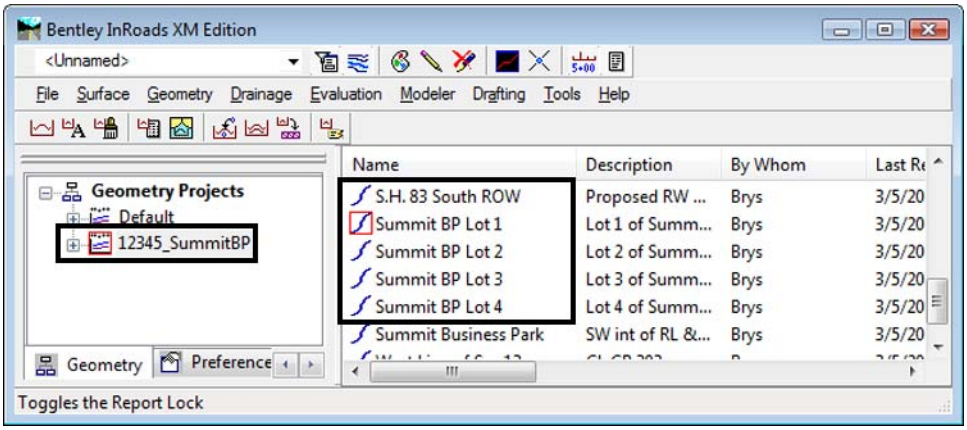


Parcels have been created for Lots 1-4 and stored in the Geometry Project **12345_SummitBP**. Load this geometry project from the folder:
C:\Projects\12345\ROW Survey\InRoads\Geometry

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

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



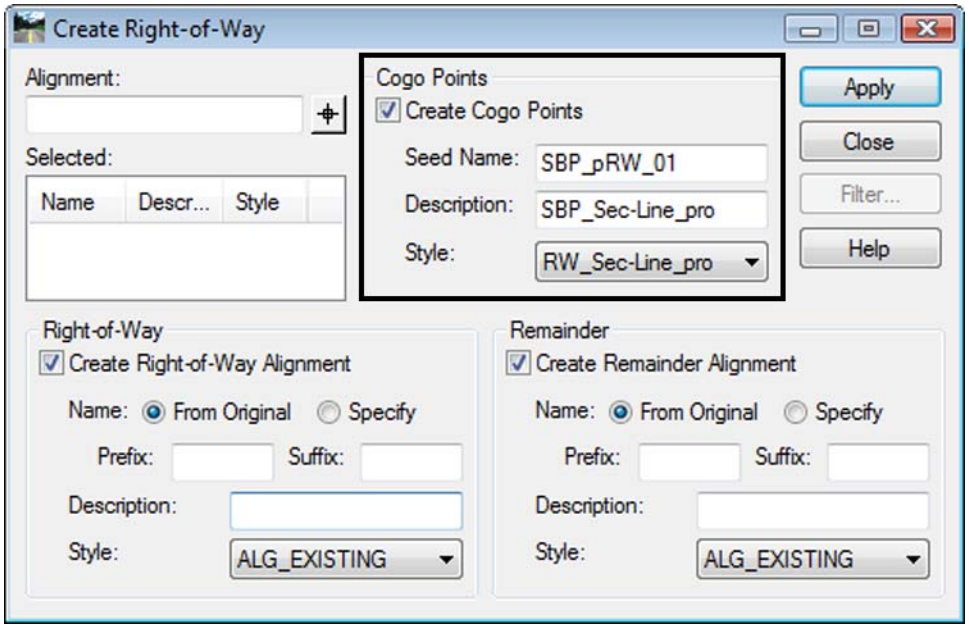


3. Select **Geometry > Utilities > Create Right-of-Way**

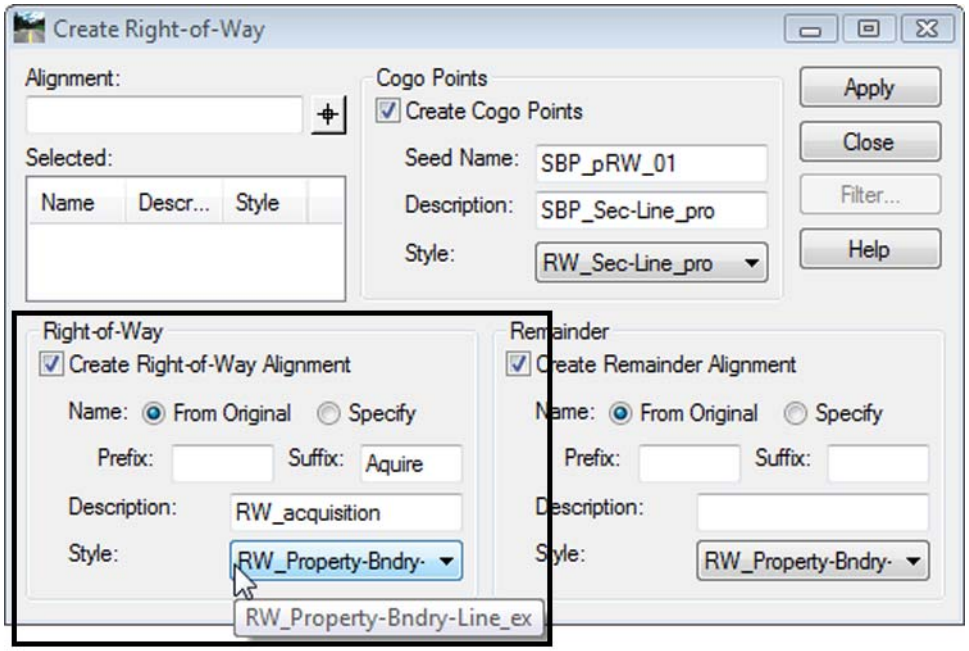
Dialog Settings:

- **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

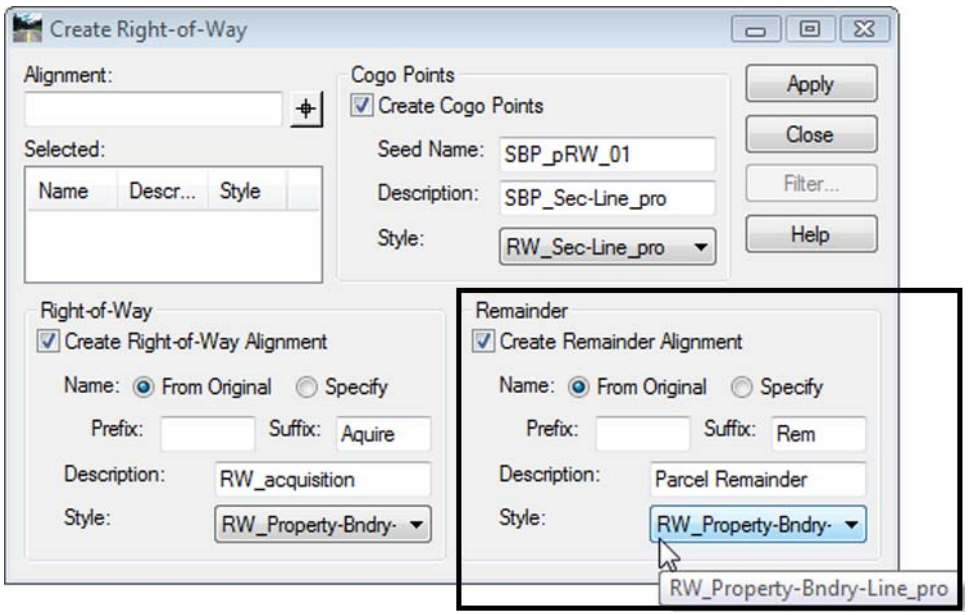
4. Complete the ***Cogo Points*** section as shown.



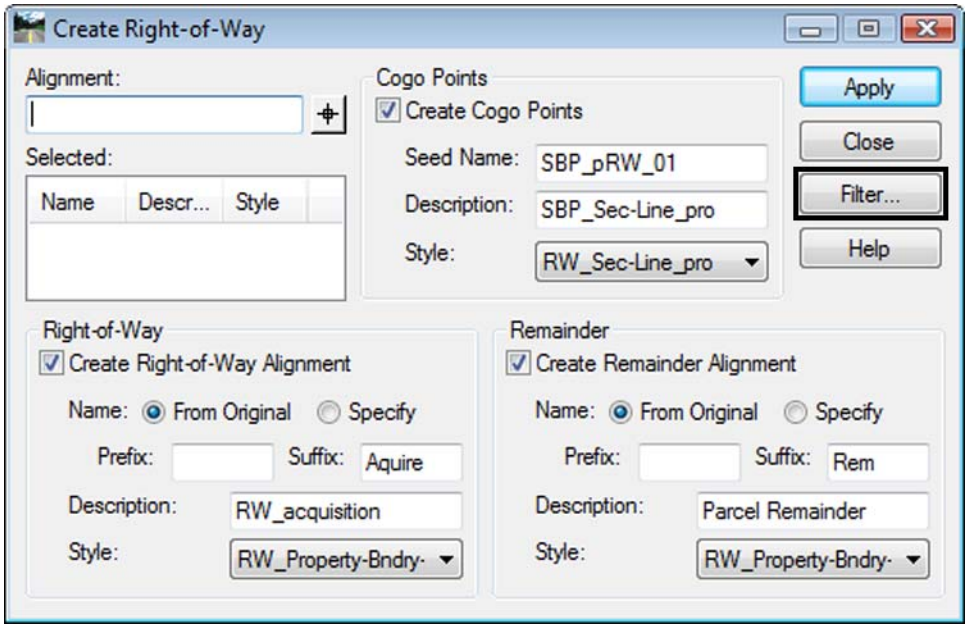
5. Complete the ***Right-of-Way*** section as shown.



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



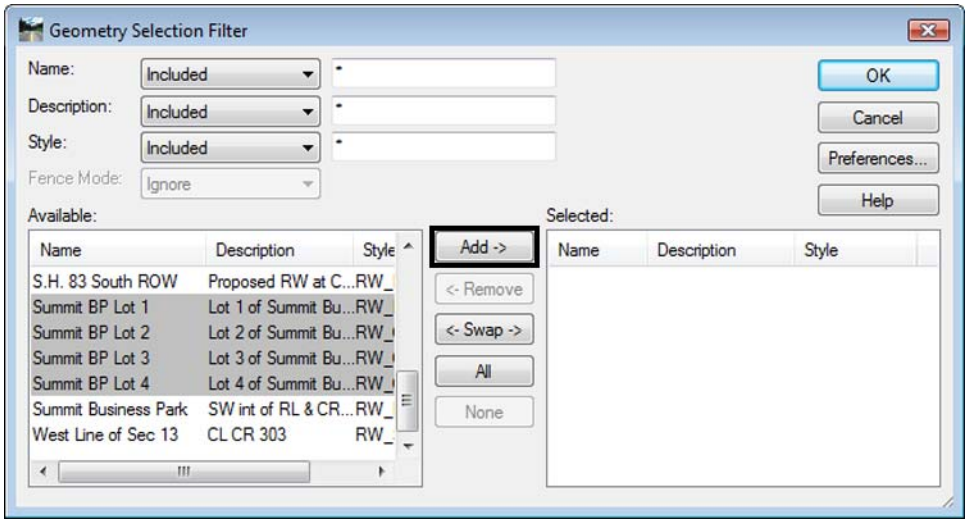
7. **<D>** on the ***Filter*** button.



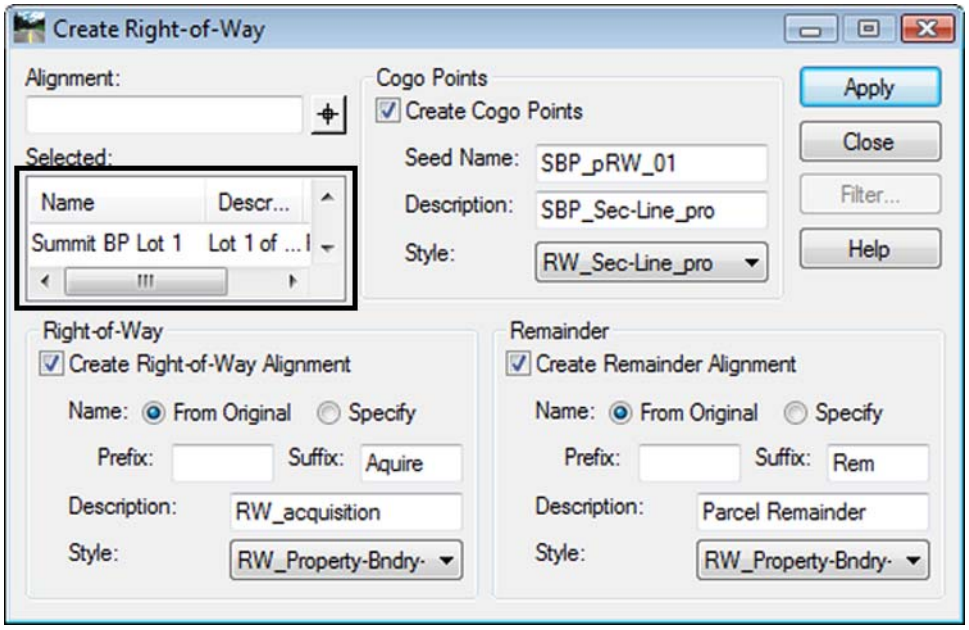
8. Under the Available column, select **Summit BP Lot 1-4**.

9. **<D>** the **Add** button.

10. <D> OK

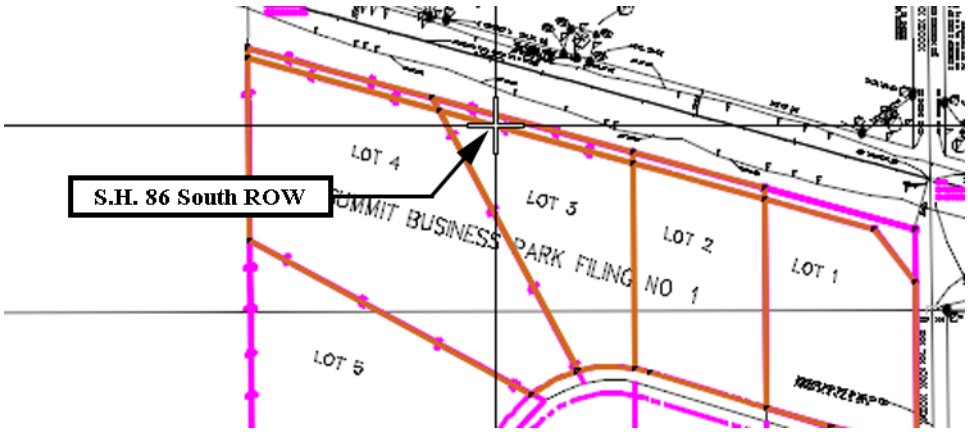
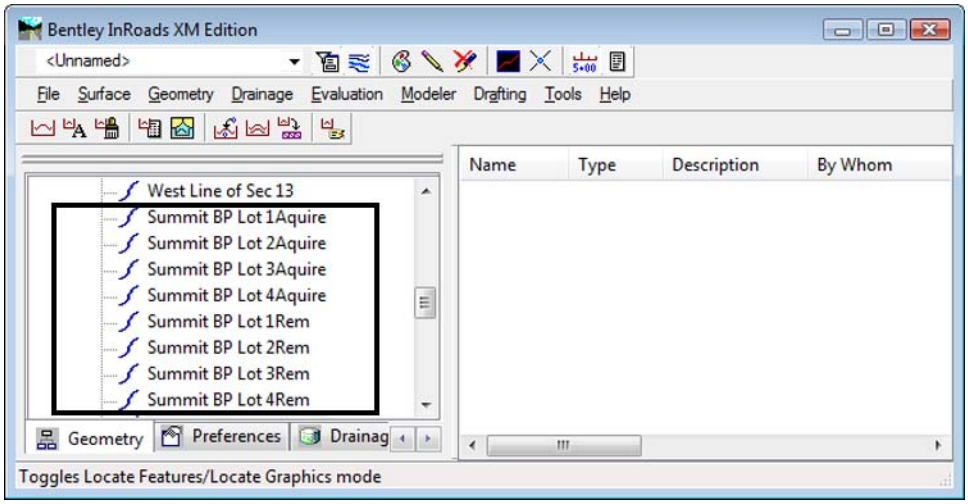


11. The parcels are added to the list.



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