



Title: R/W Metes and Bounds InRoads Export

9/17/2009

These instructions will explain the process of exporting metes and bounds data for DelDOT contracts for R/W use.

At this time, the process DelDOT uses utilizes InRoads XM (08.09.02.16). Testing with later versions will be updated in this document when complete. Prior versions may work as well, but the dialogs may not exactly match those in this document.

1. Define all points and figures for R/W acquisitions. Some (not all) guidelines for acquisitions are listed below.

To easily distinguish the difference between COGO point numbers, it is recommended that you use the following guidelines when creating COGO points of various types:

- 10000 - 19999 = Alignment points*
- 20000 - 39999 = Existing Right-of-Way and property line points**
- 40000 - 59999 = Proposed Right-of-Way and property line points
- 60000 - 69999 = Grades and Geometric points

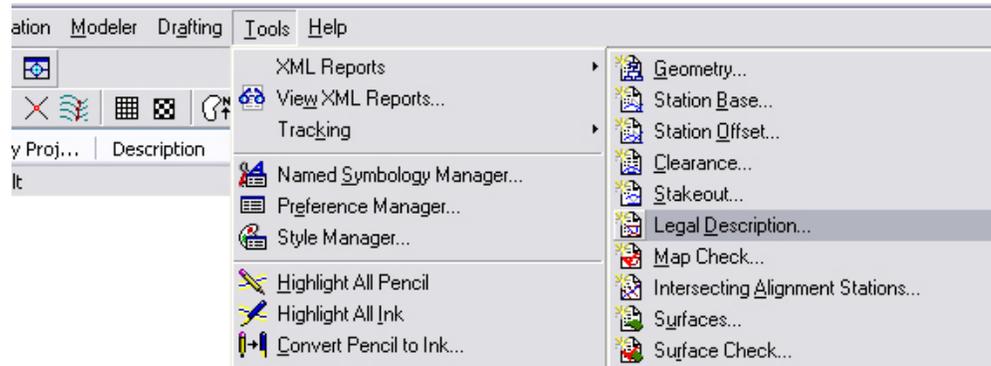
*Note: Prior to assigning numbers to COGO points, review the field survey geometry file (FS.alg) that has been provided by the Survey Section to insure that you are not creating duplicate point numbers. This can be done by checking the COGO Buffer in InRoads once the fs.alg file has been opened.

**Note: If a project contains numerous parcels, it is recommended that the points be broken out by either a north/south or east/west system. An example would be all existing right-of-way or property line points west of your alignment be grouped in the 20000-29999 range and all existing right-of-way and property line points east of your alignment be grouped in the 30000-39999 range. This helps the Real Estate Section when reviewing plans as well as when preparing as acquired deeds.

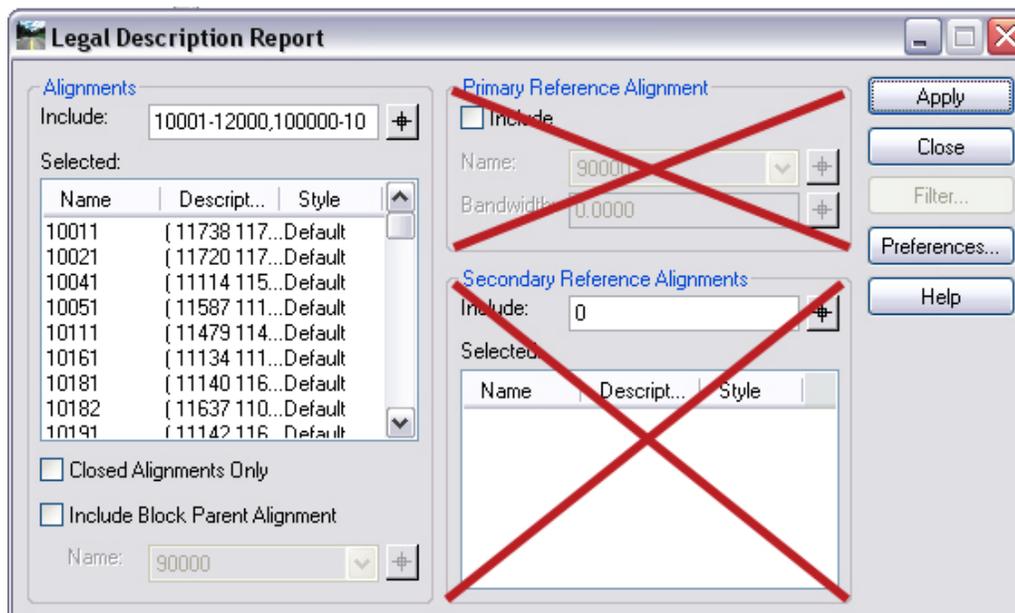
When creating figures for right-of-way acquisition purposes (PE, TCE or FEE), make sure they are created in a clockwise direction. This is stated on page 4 of the "Right-of-Way Plan/Design Checklist for R/W Verification" and again helps the Real Estate Section when reviewing plans and preparing as acquired deeds.



2. Go to InRoads Menu -> Tools -> XML Reports -> Legal Description...

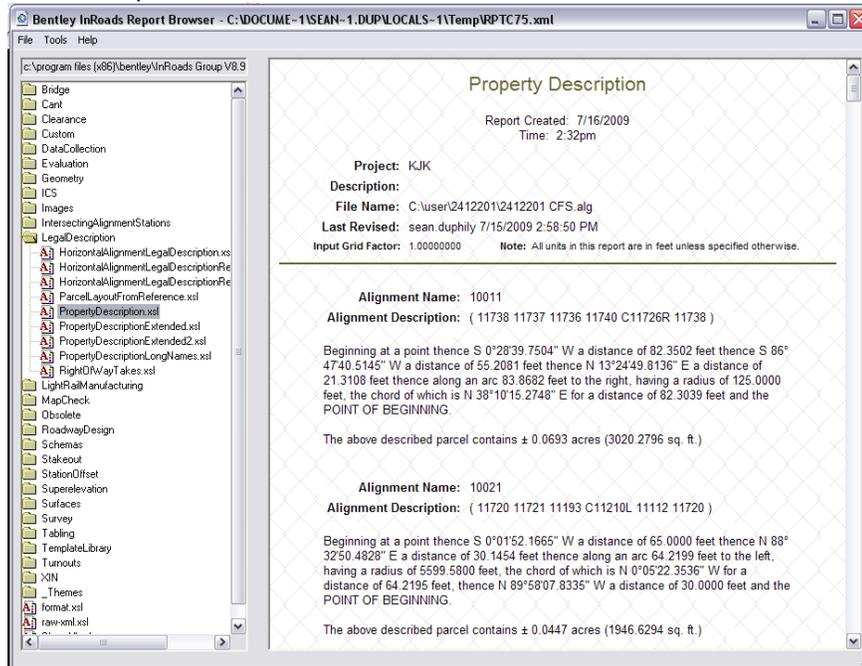


3. In the Legal Description Dialog, there are three sections. Alignments, Primary Reference Alignment, and Secondary Reference Alignments. The Alignments section is the listing of the figures used for the property takes (FEE, TCE, etc.) . The Primary Reference Alignment and Secondary Alignments sections should not be used.

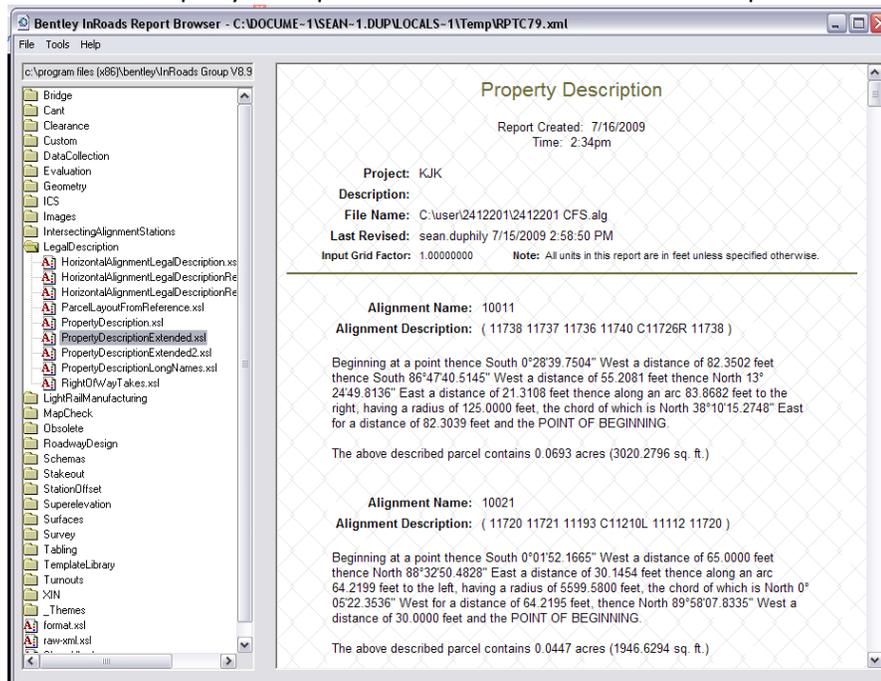




- Once the figures have been included, click the Apply button. This should open the Bentley InRoads Report Browser.



- Select the "PropertyDescriptionExtended.xml" file from the left pane.



- Select File -> Save As... and save the HTML file to your project folder. This file should be submitted at the Final stage of R/W Plans to Design Support.