Course:

RIGHT-OF-WAY MAPPING USING SITE OR SURVEY SELECTCAD V8

Course Description:

This 2 day course is designed for Surveyors who want to learn how to apply productive techniques of Right-of-Way mapping, parcel creating, coordinate geometry and transformation commands to a project, using Survey or Site SelectCAD V8. This course will focus on inputting record information, fitting deed parcels to existing geometry, creating ROW geometry, transforming from imperial units to metric units, annotating maps and reporting on ROW acquisition parcels. Upon completion of this course a student would be able to apply productive techniques towards completing ROW mapping and acquisition parcels.

Prerequisites:

Students should have experience ROW mapping, surveying, coordinate geometry and an understanding of survey acquisitions. Also working knowledge of MicroStation SE or J.

Date: Contact us for details.

Location: Contact us for details.

Enrollment Cost: $750 per student
Payment is due upon arrival.
Please make checks payable to Lee Green Consulting.

Contact:

To enroll, please call **315-831-8175** or send email to **Training@LeeGreen.com**. This class does have a limit of 15 students. If you have any questions about this class, or if you would like to schedule an on-site class, please call or email.

Course Outline:

❐ **1) SelectCAD configuration**
- Open from Start menu or from an icon
- Open from an MDL after loading Microstation
- Project Defaults paths
- Tool options
  - Symbology Manager
  - Preference Manager
  - Feature Style Manager
  - Locks

❐ **2) New user interface**
- Working with SelectCAD explorer
- Multi-user settings
- Customized tool bars

❐ **3) Geometry**
- Horizontal Alignments
- Create new alignments
- Traverse Edit
- Open and copy existing geometry
- Report a point list

❐ **4) Record Information**
- Create/edit cogo points
- Storing alignments
- Stationing baseline
- Locate by station and offset
- Importing ICS files

❐ **5) Transformations**
- Moving
- Scaling
- English to Metric
- Rotating

❐ **6) ROW by Width**
- Parallel Alignment
- Editing Alignment
- Join
- Cul-de-sac

❐ **7) Intersections/Boundaries/Parcel**
- Intersecting boundaries
- Importing proposed boundary
- Extend baseline tangent ahead
- Storing new parcels

❐ **8) Lot Layout and Create ROW**
- Productive techniques for laying out existing parcels
- Subdividing Parcels for Fee Takings and Temporary Easements

❐ **9) Miscellaneous**
- Curves
- Linear Regression Analysis
- COGO Classic
- Dual Dimensioning, Area and Station/Offset Reports
- Microstation Tips for Finishing Maps
- DraftWorks