



Professional Engineer digital signatures / stamped calculations

2015 Transportation Engineering Conference

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ODOT

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Current

- Geometronics/Right of Way
- Plans/Specs



Future

- 3D deliverables
- Plans and Special Provisions
- Reports
- Calculations
- Etc.



Some examples

- [Plan](#) (3rd Party)
- [Plan](#) (Self Signed)
- [Spec's](#) (Word)
- [Spec's](#) (PDF)
- [MathCAD](#) (xps) (Note: failed, need to understand why)
- [MathCAD](#) (PDF)
- [Calculation](#) (Excel)
- [Calculation](#) (PDF'd Excel)



Benefits

- File security (integrity)
- Mobility / Transmissibility
- Data Intelligence



Thank you.