Rebar Modeling
Developing a new work process
BIM Use Case

- Focused cross-functional application
- An information enabled work process
- A targeted deliverable
- Measureable results
- Possibly run in parallel with current work process
Communicating Design Intent
Material Management
Return On Investment

- Estimated 20% savings on field labor - J. Wills, Lead Civil Field Engineer
- Unit Rate 19.68 hrs/ton
- Approximately 185 tons of rebar per unit
- Savings per unit = 728 hours of field labor
- Three units – total savings over 2000 hours
From Model to Field and Back