Earthmoving Contractors

- **Lower Cost Per Yard**
  - Reduce grade checking by 66%
  - Improve Production by 30 - 50%
  - Improve material yields by 3 - 6%
  - Field Teams of one person can complete objective
  - Helps to identify potential problems early
  - More satisfied clients
  - All weather - day and night

- **Improve Machine Utilization**
  - Puts the Site Design in the cab of the machine
  - Eliminate second haul or re-work (move dirt once)
  - More efficient and precise grading
  - Allows operators to be self-directing
  - Enhances operators skills
  - No line-of-sight constraints
  - Ability to work complex surfaces efficiently
  - Spread and compact material "On Grade" in one pass
  - Reduce your equipment requirements
  - No machines waiting to remove excess material
  - Lower fuel and maintenance costs

- **Verify Dirt Being Moved**
  - Verify plan quantities - before the job starts
  - Accurate stockpile quantities
  - Verify quantities moved (as-builts and progress payments)

- **Reduce Surveying Costs**
  - Up to 90% reduction of finished stakes
  - All parties working off same designs
  - Eliminate steps in your processes
  - Consistent data management
  - Improved record keeping

Surveyors - Engineers

- No stringlines to set
- Increase profitability
- Helps to identify potential problems early
- Improved record keeping
- All parties working off same designs
- Consistent data management
- Field teams of one person can complete objective
- No line-of-sight constraints
- All weather - day and night

DOTs - Public Entities

- Earlier completions
• Less blue-topping
• No stringlines to set
• Less grade checking
• Increased speed
• Improved accuracy
• Improved safety
• More cost effective projects

**Developers**

• Increased speed
• Earlier completions
• Improved accuracy
• Improve safety
• More cost effective projects
• Human error reduced
• All parties working off same designs