



Distribution of FieldManager Contracts to Contractors

AASHTO Transportation
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Background

- The need for information - FieldManager potential
 - ◆ Distribution capability
 - ◆ Stability, ease of use, accuracy of data
 - ◆ Dozens of contract, work item and test material reports and inquiries
- Contractor associations
 - ◆ Michigan Road Builders Association
 - ◆ Associated Underground Contractors

Scope

- 237 Managing offices
 - ◆ 40 MDOT facilities
 - ◆ 128 Local agencies
 - ◆ 69 Private firms
- An estimated 1600 active road/bridge construction contractors
- \$1.5 Billion construction budget in 2002
- Impact on out-state FieldManager DOTs and agencies

Potential Benefits

- Reduction in:
 - ◆ Telephone calls
 - ◆ Mailings
 - ◆ Faxes
 - ◆ Item/material status discussions
- More efficient and accurate:
 - ◆ Estimate processing
 - ◆ Contract Modification processing
 - ◆ Contract finalization

MDOT Apprehensions

- Daily Work Report comments
 - ◆ Inspectors will shy away from making comments?
 - ◆ Inspector comments cause misunderstandings?
- Claims flare-up?
- What if the number of telephone calls actually increase instead of decrease?
- Effects of occasional inaccurate data

Contractor Apprehensions

- Investment for minimal or no actual benefit
- Learning curve
 - ◆ Installation issues?
 - ◆ Ease of use / logical work flows
- Integrity of the software
- Interest of the managing offices to provide files
- Future of the product
- Use FieldBuilder?

Pilot Project Logistics

- Voluntary participation – both sides
- Contractors must lease FieldManager
 - ◆ InfoTech to provide technical support
- Contractors on board
 - ◆ June, 2002
- Read-only copies distributed after Estimate generation

MDOT Managing Offices

- Number of MDOT TSCs and Field Offices participating in the pilot =11
 - ◆ Allen Park
 - ◆ Coloma
 - ◆ Grand Rapids
 - ◆ Lansing
 - ◆ Marshall
 - ◆ Tecumseh
 - ◆ Cadillac
 - ◆ Davison
 - ◆ Grayling
 - ◆ Macomb
 - ◆ Oakland

Consultant Managing Offices

- Number of consultants participating in pilot for MDOT = 6
 - ◆ Fishbeck, Thompson, Carr and Huber
 - ◆ URS Corporation
 - ◆ Wilcox and Associates
 - ◆ Parsons Brinckerhoff
 - ◆ L.S. Engineering
 - ◆ Tetrattech

Local Agency Participation

- Number of local government agencies participating in pilot = 1
 - ◆ Saginaw County Road Commission
- Number of consultants participating in pilot for local agencies = 2
 - ◆ DLZ Corporation (City of Lansing)
 - ◆ V3 Corporation (City of Norton Shores)

Contractors Participating

- Number of contractors participating in pilot program = 12
 - ◆ K&R
 - ◆ PK Contracting
 - ◆ Prince Bridge and Marine
 - ◆ Tony Angelo
 - ◆ Ajax Paving
 - ◆ Hardman Construction

Contractors Participating (continued)

- ◆ C.A. Hull
- ◆ E.C. Korneffel
- ◆ Anlaan Corporation
- ◆ Kelcris Corporation
- ◆ Angelo Iafrate
- ◆ Driesenga & Associates

Pilot Program Contract Statistics

- Total number of pilot program contracts = 25
 - ◆ MDOT contracts = 14
 - ◆ Consultant contracts = 8
 - ◆ Local government contract = 1
 - ◆ Local government contracts managed by consultant = 2
- Number of dollars under construction in the pilot program = \$586,576,716.05



Business Impact

What Next?

- Questionnaires
 - ◆ Managing offices and contractors
- Feasibility Study
 - ◆ Conclusions – user acceptance, benefits, shortcomings/disadvantages
 - ◆ Determine impact on current \$22 million annual FieldManager hands-on-savings estimate
 - ◆ Cost/benefit analysis
- FieldManager Version 3.2



Questions?

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