

Computer Based Training (CBT)

What Software?

How do you administer examinations?

“In house” or “Consultant”?

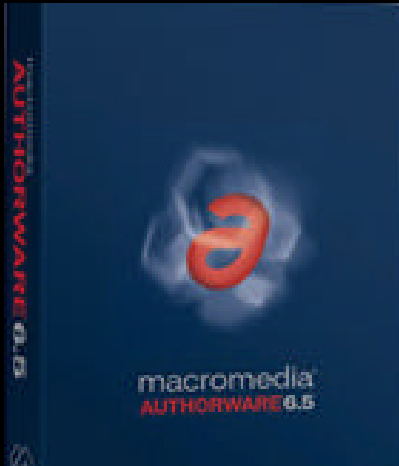
Florida DOT

Douglas Townes, P.E.

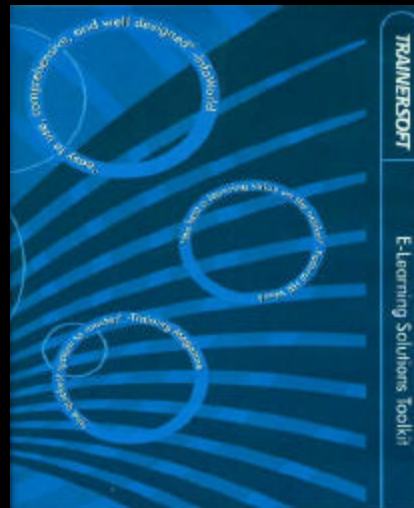
COASTAL ENGINEERING

Blair Maury, Jennifer Vonusa,
and Arnie Walker

SOFTWARE CONSIDERATIONS & EXPERIENCE



Authorware

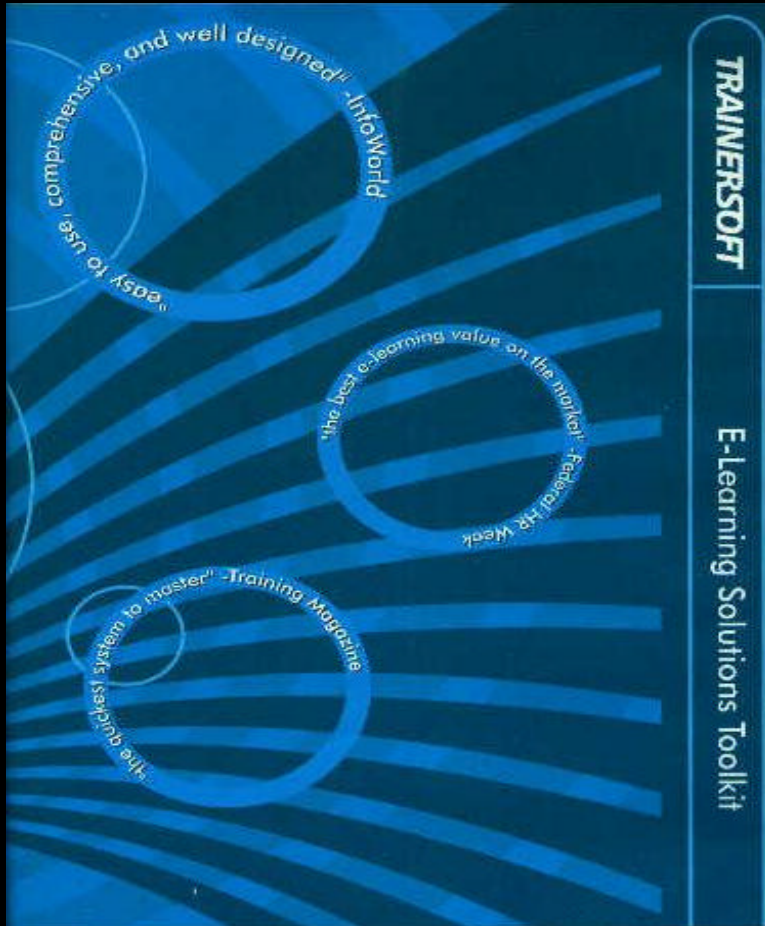


TrainerSoft



Dreamweaver

TrainerSoft 8



**Used for current On-line FDOT
Pile Driving Inspector Tutorial***

***view at:**

<http://www11.myflorida.com/construction/training/pile%20tutor/index.htm>

ADVANTAGES

- Ease of Use
- Imports Power Point
- Easily distributed
- No special viewer

DISADVANTAGES

- Cost (\$2,900)
- Quiz & Exam Limitations
- ADA support?

Dreamweaver



**Used for current On-line FHWA
And FDOT Drilled Shaft
Inspector Tutorials**

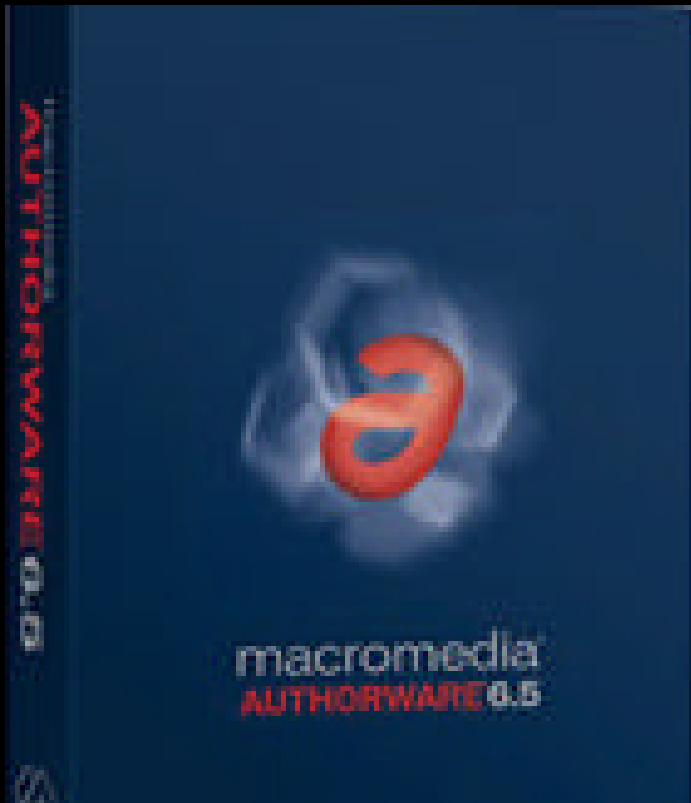
ADVANTAGES

- Cost (\$400)
- HTML friendly

DISADVANTAGES

- Primarily web-site development
- Very limited and awkward
Quiz & Exam Limitations
- Needs additional software support
- ADA support?

Authorware



**Used for current Florida
CBT courses**

ADVANTAGES

- Extensive course options
- Extensive exam & quiz options
- Imports Power Point
- ADA supported

DISADVANTAGES

- Cost (\$3,000)
- Advanced computer skills required
- Requires special viewer
- Requires distribution agreement

SOFTWARE COMPARISON

	Authorware	Trainersoft	Dreaweaver
Ease of Use	★★★	★★★★★	★★★
LMS compatible	★★★★	★★★★	★
Power Point Insert	★★★★	★★★★	★
Exam Capabilities	★★★★	★★★	★
ADA Support	★★★★★	★★★	★
Distribution	★★	★★★★	★★★
Results Tracking	★★★★	★★★★	★
Cost	★★	★★	★★★★★

Poor ★ —————> ★★★★★★ Best

ON-LINE EXAMS

- Exam Security
 - Who is taking the exam?
 - Can the exam be copied?
 - Does multiple exam questions with random scrambling capability give security?
- How do you reduce the need for a “human” proctor?
 - Remote testing provider
 - Dedicated DOT computer

IN-HOUSE OR OUTSOURCE CBT DEVELOPMENT?

Influencing Factors

- Staff
- Money
- Time
- Commitment

IN-HOUSE OR OUTSOURCE CBT DEVELOPMENT?

STAFF

- Existing or new hires?
- CBT software experienced?
- Subject matter experienced?
- Targeted audience experienced?

IN-HOUSE OR OUTSOURCE CBT DEVELOPMENT?

MONEY

- What does it cost?
- Do you have the funds?

IN-HOUSE OR OUTSOURCE CBT DEVELOPMENT?

TIME

- Does the developing staff have time?
- Do the developers have technical expertise?
- Do the Technical People have time?

IN-HOUSE OR OUTSOURCE CBT DEVELOPMENT?

COMMITMENT

- Is the group committed?
- Who is taking Ownership?

Coastal Training

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