



*Locator Training:
SVCC's Center for Damage
Prevention*

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Locator Training Overview



- Located in Blackstone, VA
- Part of Workforce Development within SVCC
- In Pickett Park - Fort Pickett

ELE 196 – Locator Training

- Eight days/Two weeks
- Monday through Thursday 8:30-5:00 pm
- Mix of theory and practice
 - why it works
 - how to do it
- To NULCA Standards (as applicable)



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 - why it works
 - how to do it
- Offered twice
 - December 10
 - March 11
- Next Class June 13-23



Training Field

- State of the art demonstration locate field
- Beginner through expert
- Gas, Sewer, Water, Electric, Telecom
- Realistic setting

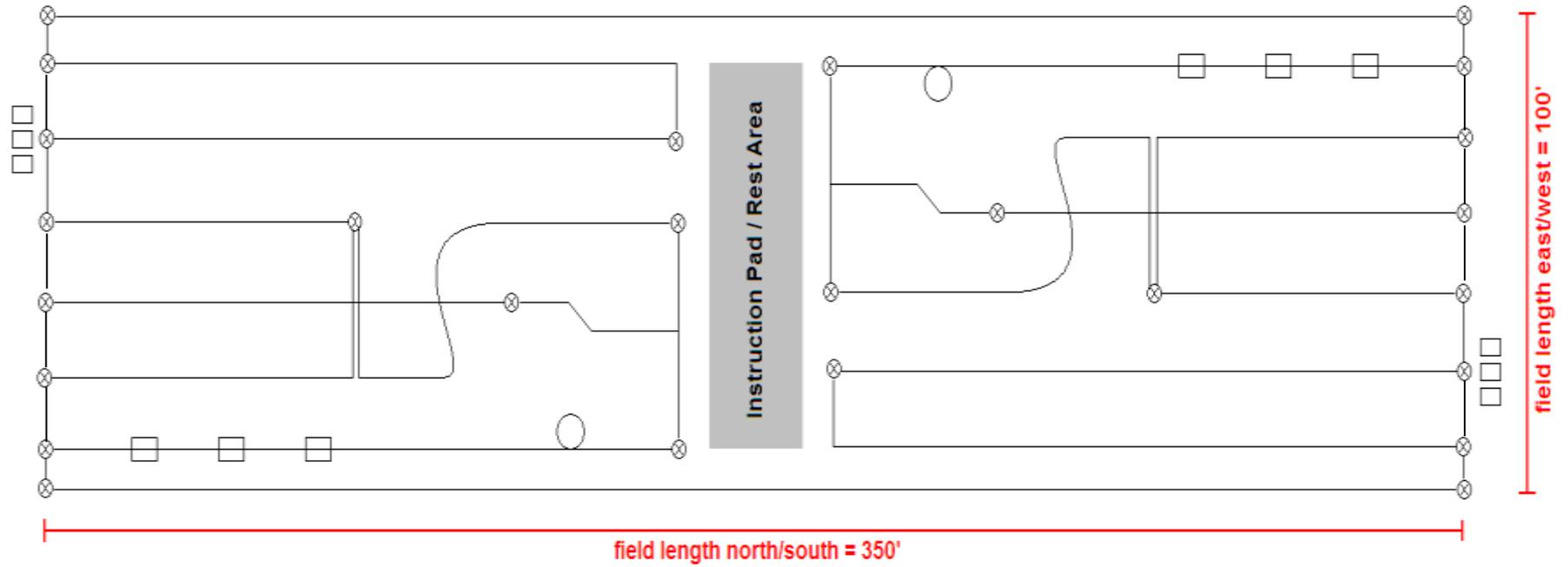


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Training Field Designed to Reinforce Learning Objectives



Curriculum

- Principles of electromagnetism
- Conductive vs. inductive current
- application
- Locator equipment operation and maintenance
- Signal strength
- Frequency
- Horizontal, Vertical, and Omni-directional
- Antennas
- Determining utility depth
- Assessing field symmetry
- Problem-solving



Curriculum (continued)

- Proper field marking (Virginia marking standards)
- Working in partnership with Miss Utility of Virginia/ One Call
- Best Practices for Locating and Marking
- Customer relations and professional communications
- Compliance with the Virginia Underground Utility Damage Prevention Act
- Job hazards, personal and community safety, property protection



Curriculum (continued)

- Basic Locating Skills
 - Applying signal
 - tracing signal
 - grounding, trouble shooting
- The Locating Professional
- Customer Service
- Creating a Professional image



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Curriculum (continued)

- One Call System
 - The need and how it works
 - each student calls
Miss Utility
Virginia Dig Law
CGA Safety
Standards and Best Practices
Defensive Driving



Cost Effective

- \$440 + course fees
- Some base housing
- Hotels in town and nearby



Future Plans



Classroom Instruction



Variety of Instruments to Train With



Points From Classroom Explained in Field Environment



Application of Learned Material



Challenge Field



Challenge Field Congested Easements



Challenge Field



Challenge Field



Applied Marking Standards



Variety of Equipment



Coupling Techniques



Municipality Support



Municipality Support



Division Staff Instruction



Live Line Locating



Live Line Locating



Individual Assessments



Individual Assessments



Graduation Day



Operator Qualification



Operator Qualification

- What training have you provided to your locators regarding AOC's?
- What is your process for dealing with a PCR?
- Your locators see your plant every day.
- Why not use them to improve the conditions of your facilities?



Future Plans

- Develop Operator Qualification Course
- Develop Advanced Locating Techniques Course (Locating 201)
- Develop Remedial Refresher Course

Future Success Will...

- Require a reduction of over-head costs
 - Funding and equipment to date has been generously provided by a number of stakeholders
- Depend on stakeholder support for
 - Paint and flagging supplies
 - Equipment and maintenance
 - Students
 - Instruction
- Require new course curriculum development and ongoing updating of existing curriculum

