

# NUCA PIPE INSTALLATION TRAINING PROGRAM

## CHAPTER 1: Job Layout

### Outline

#### **A. Introduction**

Disclaimer  
Start Page  
Quiz

Job Layout Example 1 and 2  
Summary  
Quiz

#### **B. Overview**

Pipe Laying is a Craft  
Job Layout  
Crew Members  
Crew Responsibilities  
Quiz

#### **E. Production & Timing**

Get Started Early  
Crew Leaders  
Man Holes  
Daily Goals  
Setting the Ace  
Developing Rhythm  
Good Planning  
New Crew Members  
Looking Ahead  
Street Closure Limits  
Design Changes  
Inspector Visits  
Quiz

#### **C. Safety**

Buried Utilities  
Exposing Utilities  
Overhead Lines  
Traffic  
Clear Direction  
Jobsite Traffic  
Child Proof Jobsites  
Quiz

#### **F. Tools**

Organizing Tools  
Tool Inspection  
Quiz

#### **D. Material Layout & Handling**

Keys to Profit  
Measures of Profit  
Get a Head Start  
Handling of Spoils  
Topsoil  
Material List  
Handling Pipe  
Unloading pipe  
Specials  
Rigging Gear  
Stringing vs. Stockpiling  
Pipe Orientation  
Labeled Structures or Pipe  
Bedding Processing & Placement  
Dump Trucks  
Stone Box  
Rental Items  
Storage Considerations  
Environmental Concerns  
Erosion Controls  
Controlling the Runoff  
Pump Discharge Neighborhood  
Relations  
Site Boundaries  
Job Layout Considerations

#### **G. Protecting the Installation**

Protecting the Investment  
“Safe-ing up” the Job  
Sizing Road Plates  
Checking Grade  
Quiz

#### **H. Final Exam**

