



CODE GUIDE

BUREAU OF DEVELOPMENT SERVICES



TOPIC: Foundations and Excavations – CC/24.70/#1

CODE: Clearing, Grading and Erosion Control – City Code

APPROVED: June 15, 1994 _____

REFERENCE: Chapter 24.70 City Code

SUBJECT: Shoring Requirements Adjacent to City Streets

QUESTION: What are the permit and design requirements for shoring of excavation when located in or adjacent to city streets?

RESPONSE: Design: All permanent and temporary shoring in an adjacent to City streets shall be designed and constructed in accordance with the latest requirements of the American Association of State Highway and Transportation Officials Bridge Specifications.

The design shall be performed by or under the close supervision of an Oregon Registered Professional Engineer experienced in the structural aspects of shoring work. The plans and calculation shall carry the seal and signature of this engineer.

Permit Application Submittal and Review:

- A. Plans for shoring are submitted to the Building Bureau as a separate (partial) permit. A \$250.00 permit processing fee is paid at the time of application.
- B. The City Engineer - Bureau of Transportation - determines whether tie back shoring may be used and reviews all designs and plans for shoring adjacent to a public right-of-way.

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- C. All shoring piling and lagging must be located entirely on private property and all tie-backs, if allowed, must be de-tensioned prior to building occupancy.
- D. Upon approval by the City Engineer and the Bureau of Buildings Structural Plans Examiner, a permit fee based on the total valuation of the shoring is paid to the Bureau of Buildings and a building permit is issued.
- E. In addition to the Building Permit fees, the City Engineer may charge such fees as necessary to cover Bureau of Transportation review costs.
- F. Inspections by the district building inspector are required according to the Structural Specialty Code and Title 24, City Building Regulations.
- G. Special Inspection may be required according to the Structural Specialty Code and Title 24, City Building Regulations.

Replaces Policy & Procedure # D-10.
Correction September 1, 2000.