GENERAL NOTES:
All dimensions are measured perpendicular to g of track.
Prior to commencing any work, the contractor shall submit
for approval by the Railroad detailed plans indicating
the nature and extent of the track protection shoring proposed.
The contractor shall install the temporary shoring system per
the approved plans. Design of the temporary shoring system to
comply with **GUIDELINES FOR TEMPORARY SHORING**.

For excavations which encroach into zone A or B, shoring plans
shall be accompanied by design calculations. Plans and
calculations must be signed and stamped by a Professional
Engineer registered in the state where the work will be
performed.

GENERAL EXCAVATION ZONES

**SCALE:**  \( \text{(NOT TO SCALE)} \)

Shoring must be designed for Railroad live load surcharge
in addition to OSHA Standard loads for excavation in Zone A.

**APPLICABLE RAILROAD LIVE LOAD:** COOPER E80

ZONE A

Only vertical shoring will be permitted for excavation in this Zone, (no sloping cuts)
Shoring to comply with OSHA requirements

ZONE B

ZONE C

Figure 1