



GENERAL NOTES:

All dimensions are measured perpendicular to ϕ 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: _____ (NOT TO SCALE)

REVISIONS	
DATE	DESCRIPTION
5/03	1 FORMERLY UPRR C.E. 106613
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/	/
/	/
/	/

DESIGN BY: PGP DRAWN BY: JFS CHECKED BY: AA
 APPROVED:
K.H. Jenkinson
 BNSF - ASSISTANT DIRECTOR STRUCTURES DESIGN
Berg J. Mann 9-104
 UPRR - MGR SPECIAL PROJECTS STRUCTURES DESIGN



GENERAL SHORING REQUIREMENTS

FILE OWNER: UPRR DATE: 5-6-03 SHEET: 1 OF 1
 PLAN NO.: 710000 PLOTTED: \$\$\$DATE\$\$\$ \$TIME

Figure 1