



HARTCROWSER

Page \_\_\_\_\_ of \_\_\_\_\_  
 Job No. 497B-01  
 Date 3/16/99  
 Made by JRB

Project 3R WALL ALT SELECTION PROCESS  
 Calculations for STW PEER REVIEW

Wall versus slope

\* allow settlements to occur before placing facade

FHWA doc on corrosion rates (Holte would know)

Trench-type excavation along wall instead of test pits

Considering stone columns for foundation improvement

1978 publication on MSE facing under seismic

Bathurst has looked @ interaction concrete panels w/ fill

CANADA

\* FLAC dilation angle is assumed to be 0

- this has huge impact on wall deflections

Chemical degradation under stress for polymers

TEST FILL is highly advised to look at construction damage  
 - put in material, compact; then, peel off material  
 and check quality of geosynthetic

Think about construction contingencies

Excavate in wet w/ v. good granular material

TEST FILLS + INSTRUMENTATION

ACTION:

SM Monday - S+W verbal recs

SMW Wednes - Memo from S+W

Specification on plumbness; connections; lifts

1:30 pm MEETING NEXT WEEK

