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CAL G 00030 B Fig 5-1.WMF from Fig5-1.grf on 27-Feb-03





#### FIGURE 6-2 GENERALIZED PROFILE OF LOW-STRAIN SHEAR WAVE VELOCITY AT MFFF SITE

v\_profiles.grf



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Fig 5-4a.WMF from Fig 5-4a.grf on 8-Apr-03









Fig 5-4b.WMF from Fig 5-4b.grf on 8-Apr-03



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SRS\_GGmax.grf



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GGmax\_sand.WMF from GGmax\_sand.grf

Form PP9-8C-3



FIGURE 6-7 MFFF SITE-SPECIFIC AND STOKOE-RECOMMENDED DAMPING RATIO CURVES FOR SANDY SOILS



Damping\_sand.WMF from Damping\_sand.grf



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#### FIGURE 6-10 RESPONSE SPECTRA (DAMPED 5%) AT ROCK USED IN MFFF SITE RESPONSE ANALYSES

input\_spec.WMF from input\_spec.grf







v\_comp.grf















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# FIGURE 6-14 SURFACE RESPONSE SPECTRA (DAMPED 5%) – 1886 CHARLESTON ( $50^{TH}$ PERCENTILE) CONTROL MOTION





#### FIGURE 6-15 PROFILES OF STRAIN-COMPATIBLE SHEAR WAVE VELOCITIES FOR GENERALIZED MFFF SOIL COLUMN

vel\_out.grf





#### FIGURE 6-16 PROFILES OF STRAIN-COMPATIBLE SHEAR MODULI FOR GENERALIZED MFFF SOIL COLUMN

Moduli.grf





# FIGURE 6-17 PROFILES OF DAMPING RATIO FOR GENERALIZED MFFF SOIL COLUMN

Damping.grf







COV\_report.grf



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CAL G 00025 B CSR\_pc\_all.WMF from CSR\_pc\_all.GRF









CAL G 00025 B CSR\_ch\_all.WMF from CSR\_ch\_all.GRF





## FIGURE 7-1 ESTIMATED SETTLEMENTS FROM STATIC LOADS FOR MFFF AND BEG BUILDINGS ALONG SECTION E BASED ON FLAC CAM-CLAY MODEL



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## FIGURE 7-2 ESTIMATED GROUND PRESSURES FROM STATIC LOADS FOR MFFF AND BEG BUILDINGS ALONG SECTION E (E55,130)



Form PP9-8C-3



## FIGURE 7-3 CHANGE IN PRESSURE VS DEPTH FROM STATIC LOADS FOR MFFF AND BEG BUILDINGS ALONG SECTION E (E55,130)



Form PP9-8C-3







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### FIGURE 7-10 COMPARISON OF ESTIMATED SETTLEMENTS FROM STATIC LOADS FOR MFFF AND BEG BUILDINGS ALONG SECTION E FOR CAM-CLAY AND MOHR-COULOMB COLLAPSE MODELS



Form PP9-8C-3



#### FIGURE 7-11 PRESSURE VS DEPTH FROM STATIC LOADS FOR MFFF AND BEG BUILDINGS ALONG SECTION E FOR CAM-CLAY MODEL WITHOUT STRUCTURE



Form PP9-8C-3

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## FIGURE 7-12 INCREMENTAL SETTLEMENT VS DEPTH ALONG SECTION E FOR CAM-CLAY MODEL WITH SOFT SOILS BUT WITHOUT STRUCTURE



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