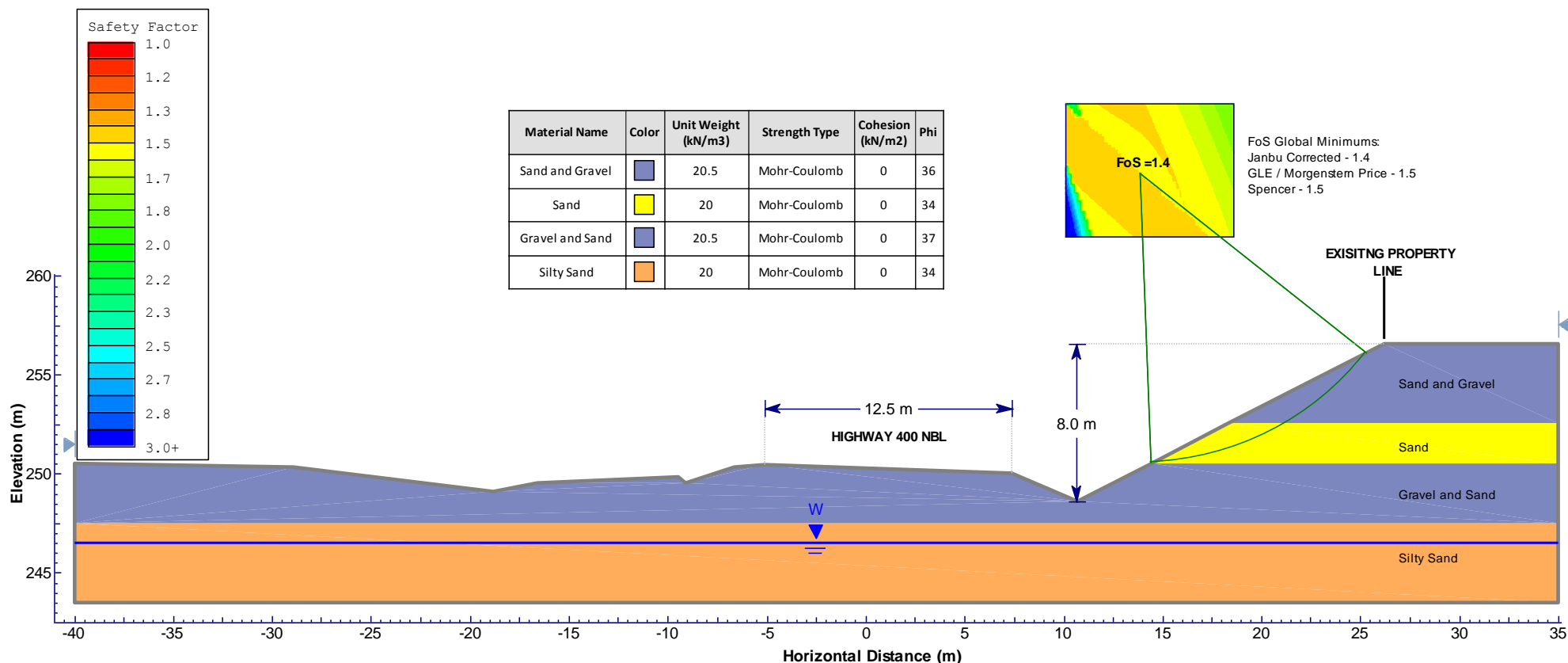




Hwy 400 Rehabilitation – Site 1 Static Global Stability STA 11+500 NBL Short Term and Long Term Conditions

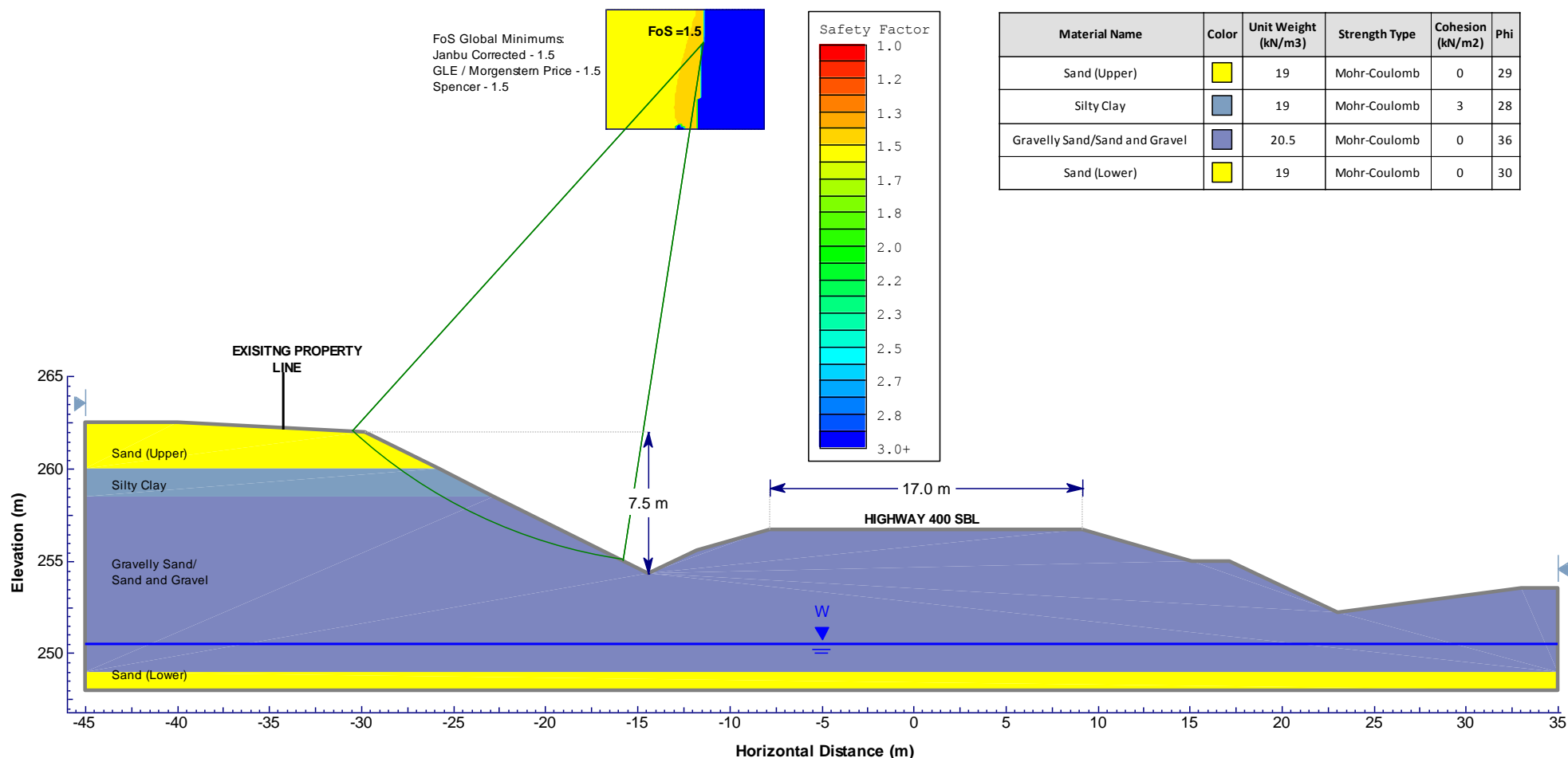
Figure H1





Hwy 400 Rehabilitation – Site 2 Static Global Stability STA 14+125 SBL Short Term and Long Term Conditions

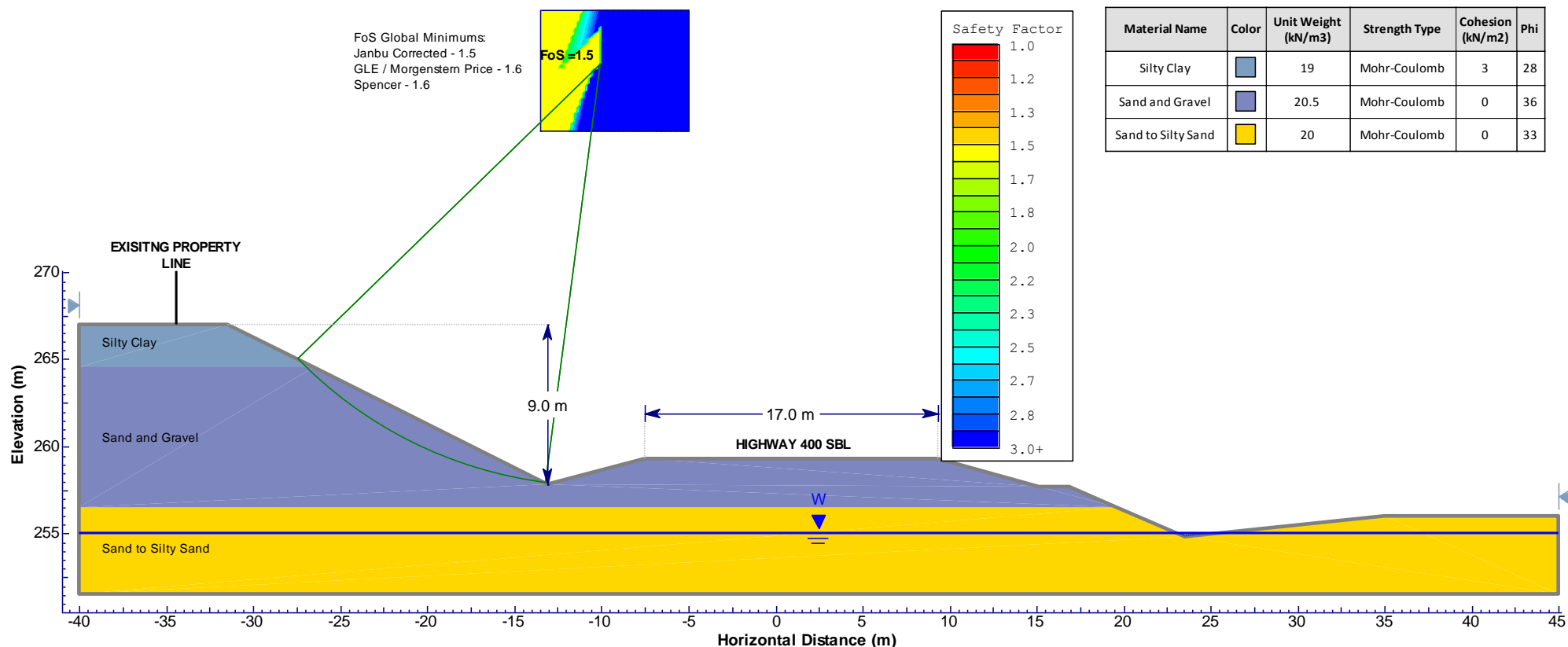
Figure H2





Hwy 400 Rehabilitation – Site 3 Static Global Stability STA 14+375 SBL Short Term and Long Term Conditions

Figure H3

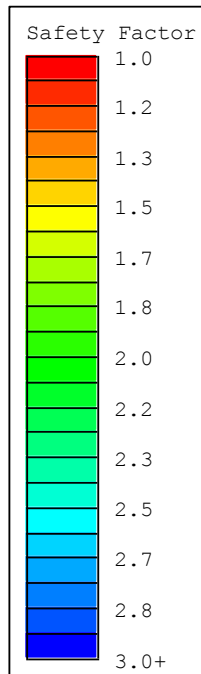
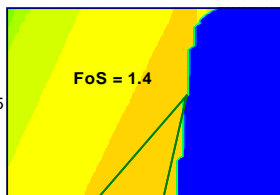




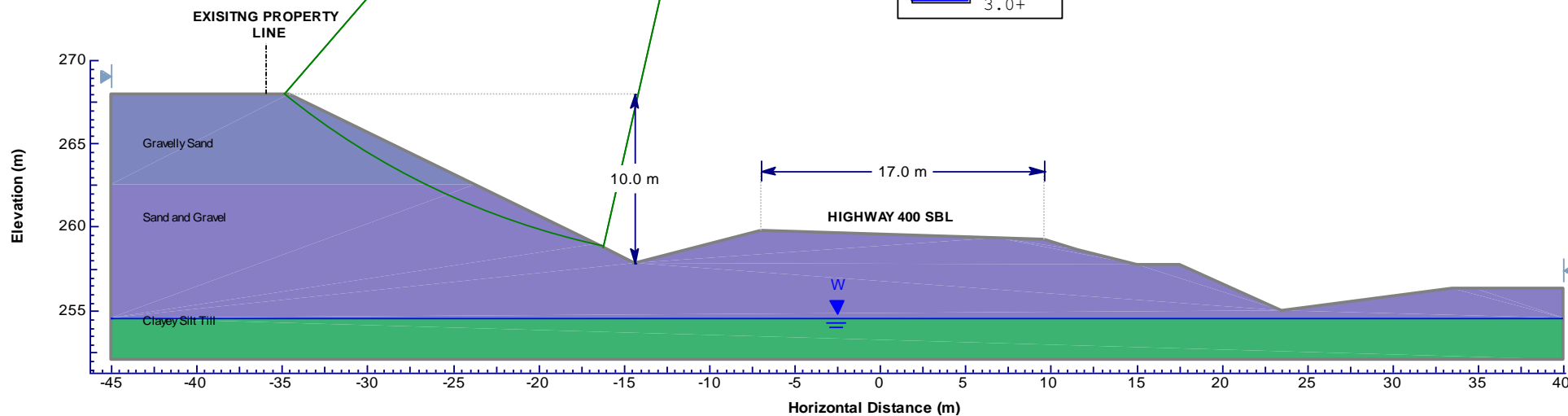
Hwy 400 Rehabilitation – Site 4 Static Global Stability STA 14+675 SBL Short Term and Long Term Conditions

Figure H4A

FoS Global Minimums:
Janbu Corrected - 1.4
GLE / Morgenstern Price - 1.5
Spencer - 1.5



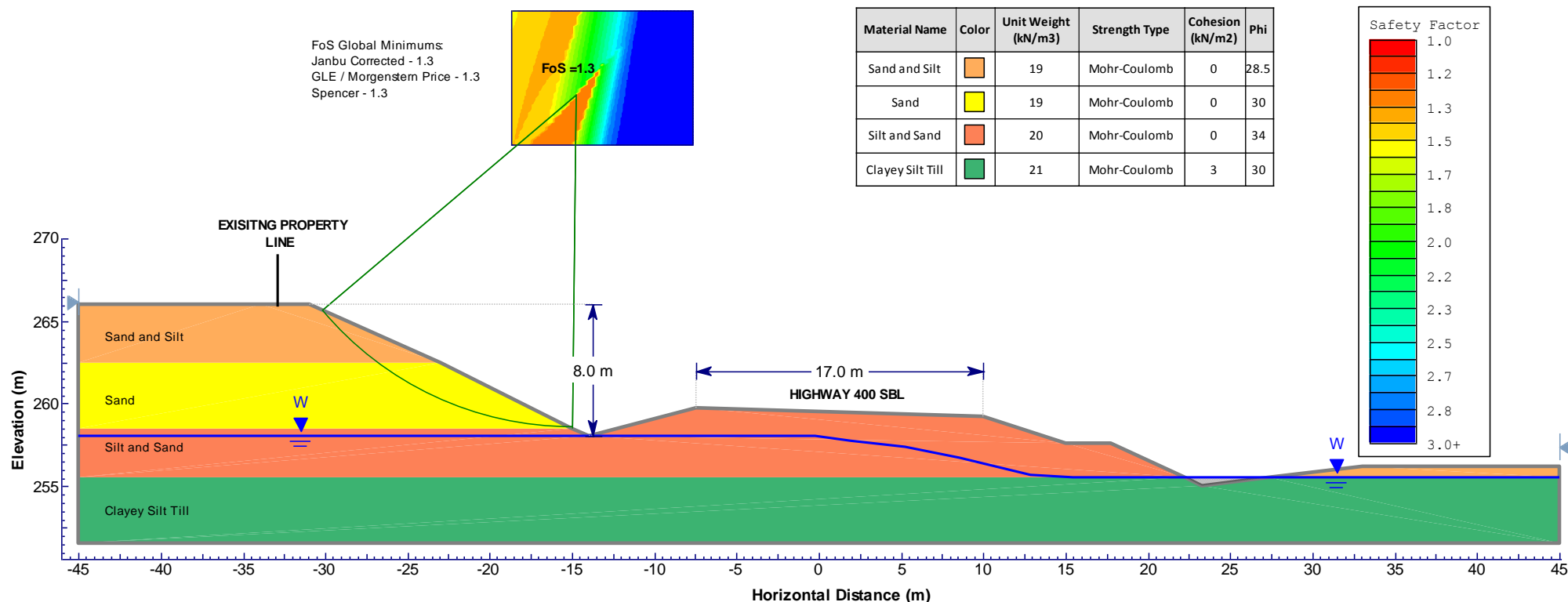
Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kN/m ²)	Phi
Gravelly Sand		20.5	Mohr-Coulomb	0	35
Sand and Gravel		20	Mohr-Coulomb	0	36
Clayey Silt Till		21	Mohr-Coulomb	3	30





Hwy 400 Rehabilitation – Site 4 Static Global Stability STA 14+725 SBL Short Term and Long Term Conditions

Figure H4B

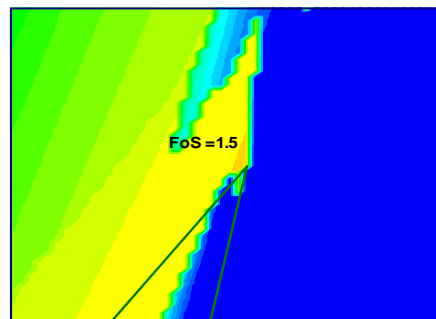




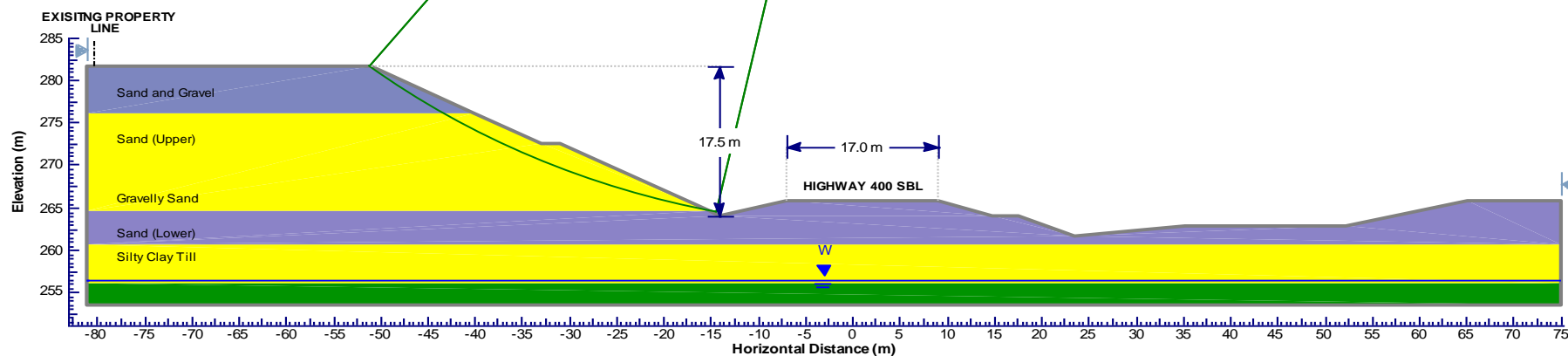
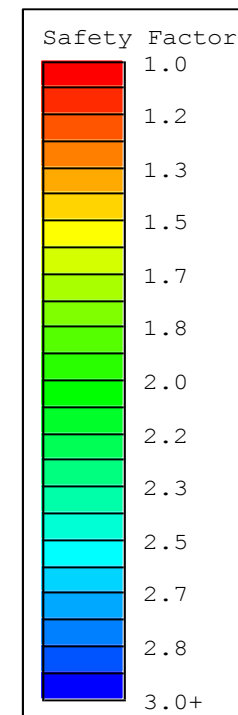
Hwy 400 Rehabilitation – Site 5 Static Global Stability STA 15+425 SBL Short Term and Long Term Conditions

Figure H5A

Material Name	Color	Unit Weight (kN/m ³)	Strength Type	Cohesion (kN/m ²)	Phi
Sand and Gravel	Blue	20.5	Mohr-Coulomb	0	35
Sand (Upper)	Yellow	20	Mohr-Coulomb	0	34
Gravelly Sand	Light Blue	20.5	Mohr-Coulomb	0	36
Sand (Lower)	Light Yellow	20	Mohr-Coulomb	0	36
Silty Clay Till	Green	21	Mohr-Coulomb	3	30



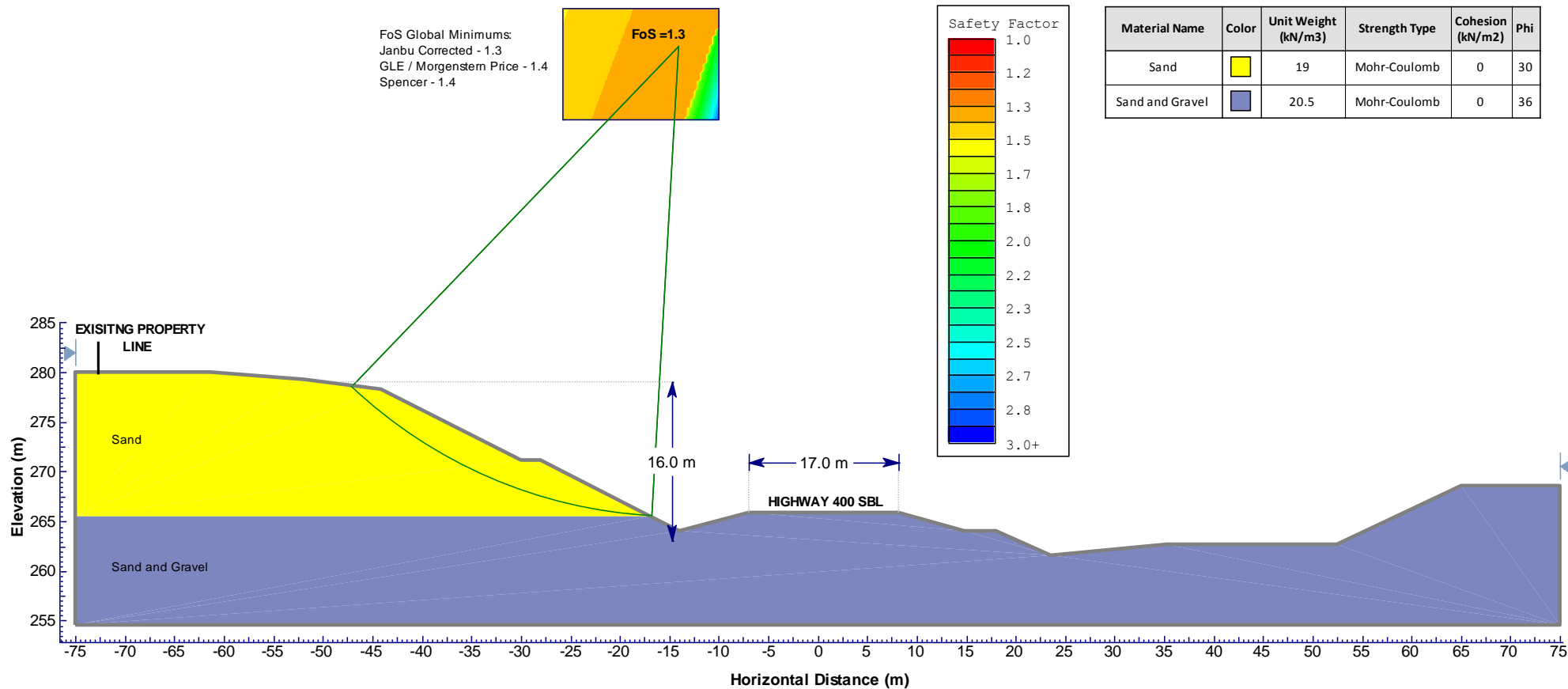
FoS Global Minimums:
Janbu Corrected - 1.5
GLE / Morgenstern Price - 1.5
Spencer - 1.5





Hwy 400 Rehabilitation – Site 5 Static Global Stability STA 15+475 SBL Short Term and Long Term Conditions

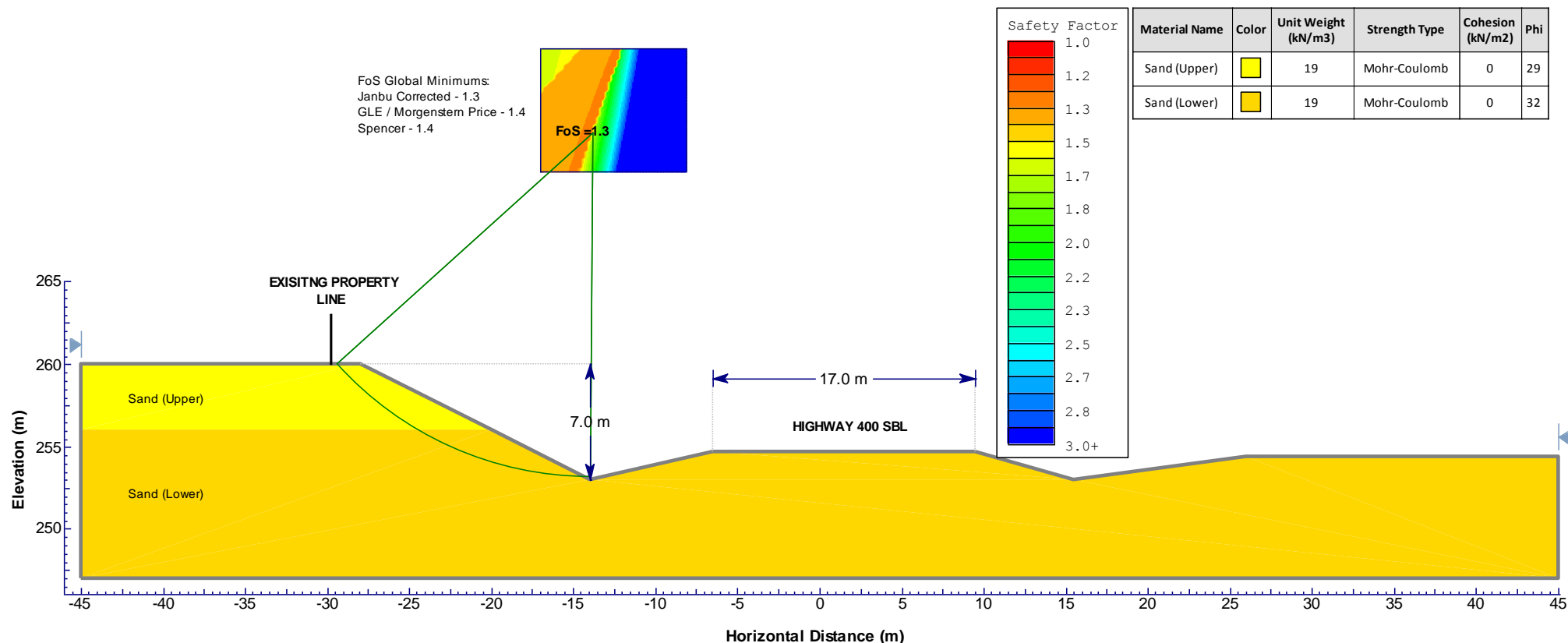
Figure H5B





Hwy 400 Rehabilitation – Site 6 Static Global Stability STA 16+425 SBL Short Term and Long Term Conditions

Figure H6





Hwy 400 Rehabilitation – Site 7 Static Global Stability STA 16+750 SBL Short Term and Long Term Conditions

Figure H7

