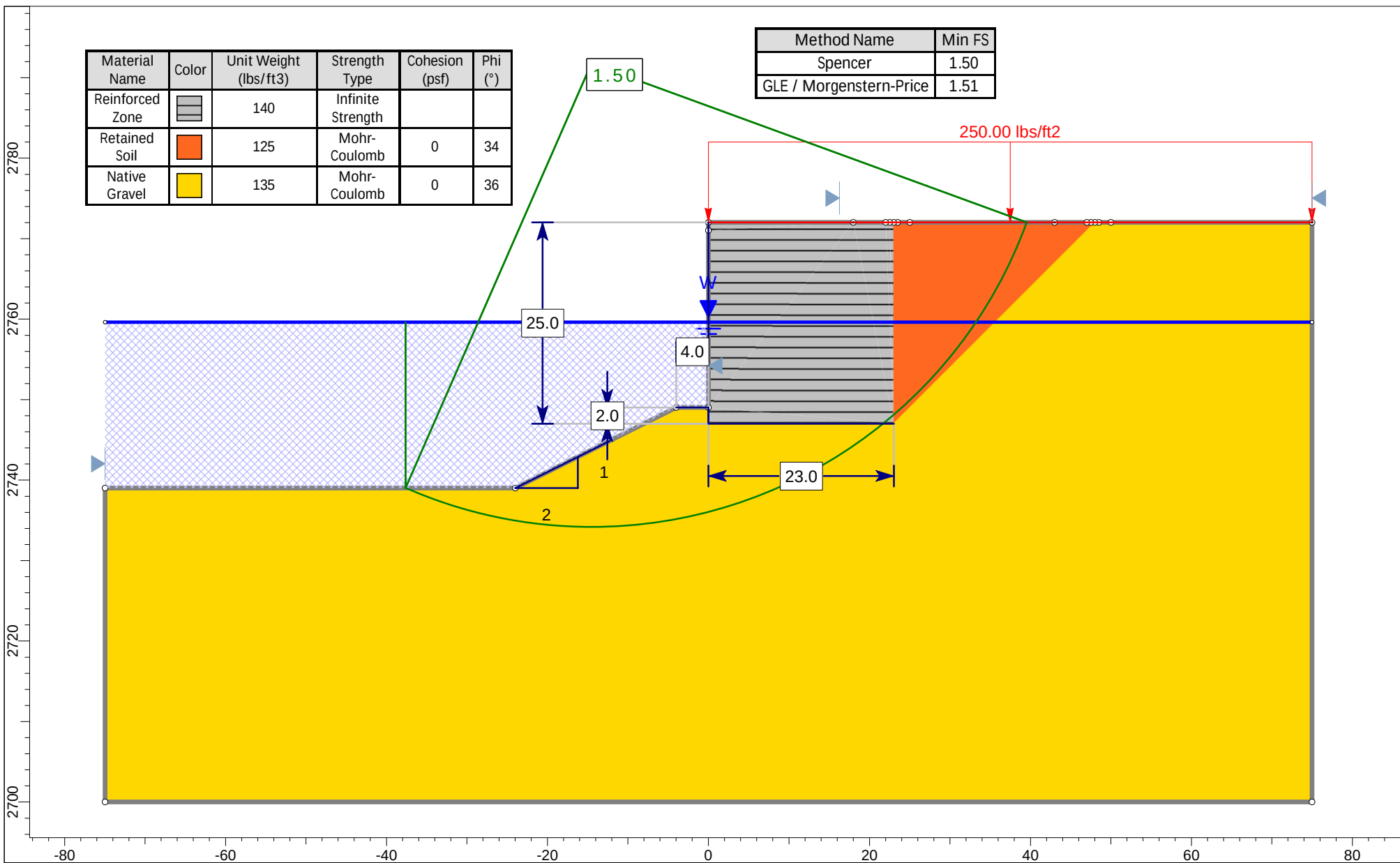


Material Name	Color	Unit Weight (lbs/ft3)	Strength Type	Cohesion (psf)	Phi (°)
Reinforced Zone		140	Infinite Strength		
Retained Soil		125	Mohr-Coulomb	0	34
Native Gravel		135	Mohr-Coulomb	0	36

Method Name	Min FS
Spencer	1.50
GLE / Morgenstern-Price	1.51



Project

Eckert Road Over Boise River

Abutment 1, Static

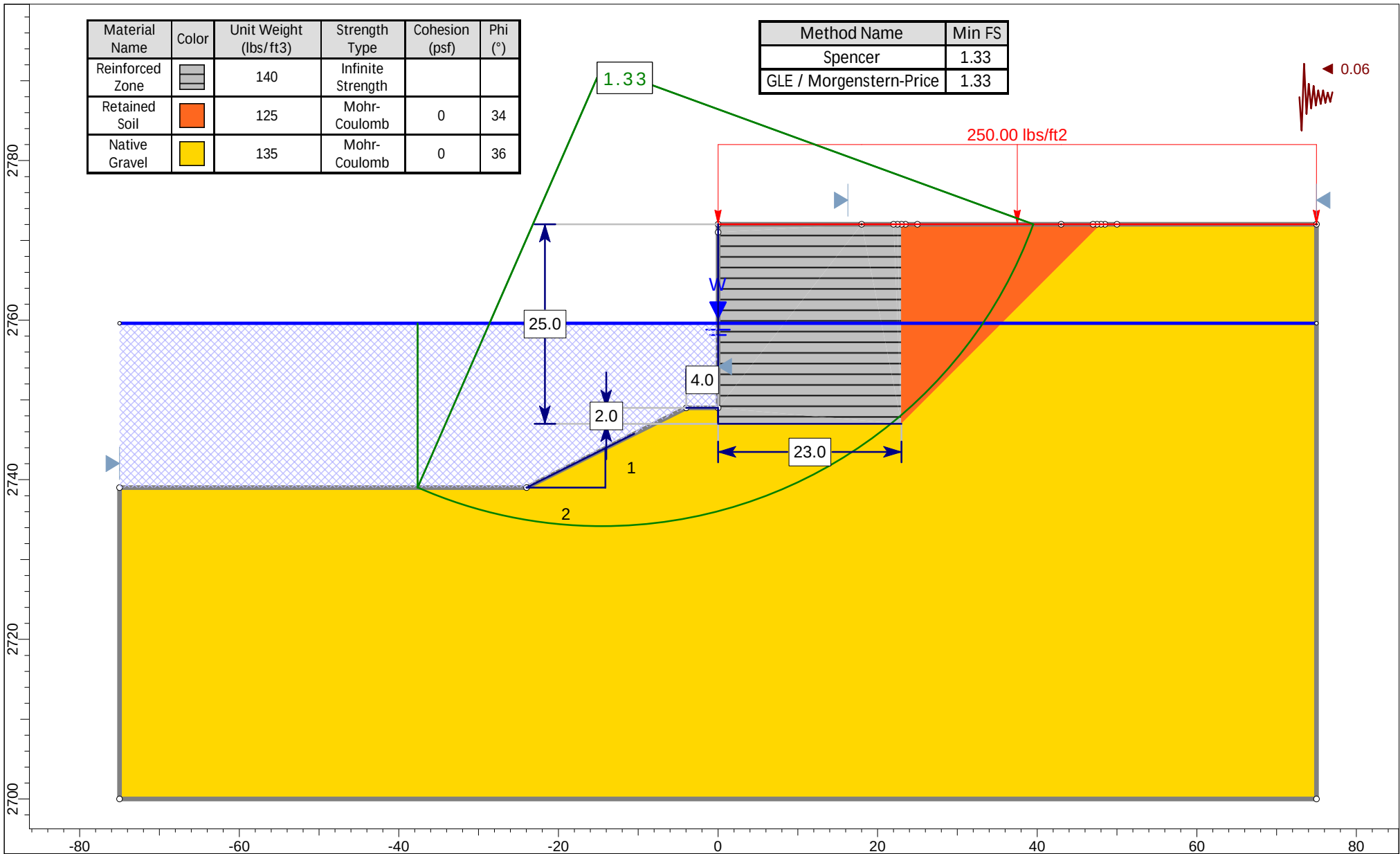
Created by: CM

Reviewed by: LM

1/30/2026

Material Name	Color	Unit Weight (lbs/ft3)	Strength Type	Cohesion (psf)	Phi (°)
Reinforced Zone		140	Infinite Strength		
Retained Soil		125	Mohr-Coulomb	0	34
Native Gravel		135	Mohr-Coulomb	0	36

Method Name	Min FS
Spencer	1.33
GLE / Morgenstern-Price	1.33



Project

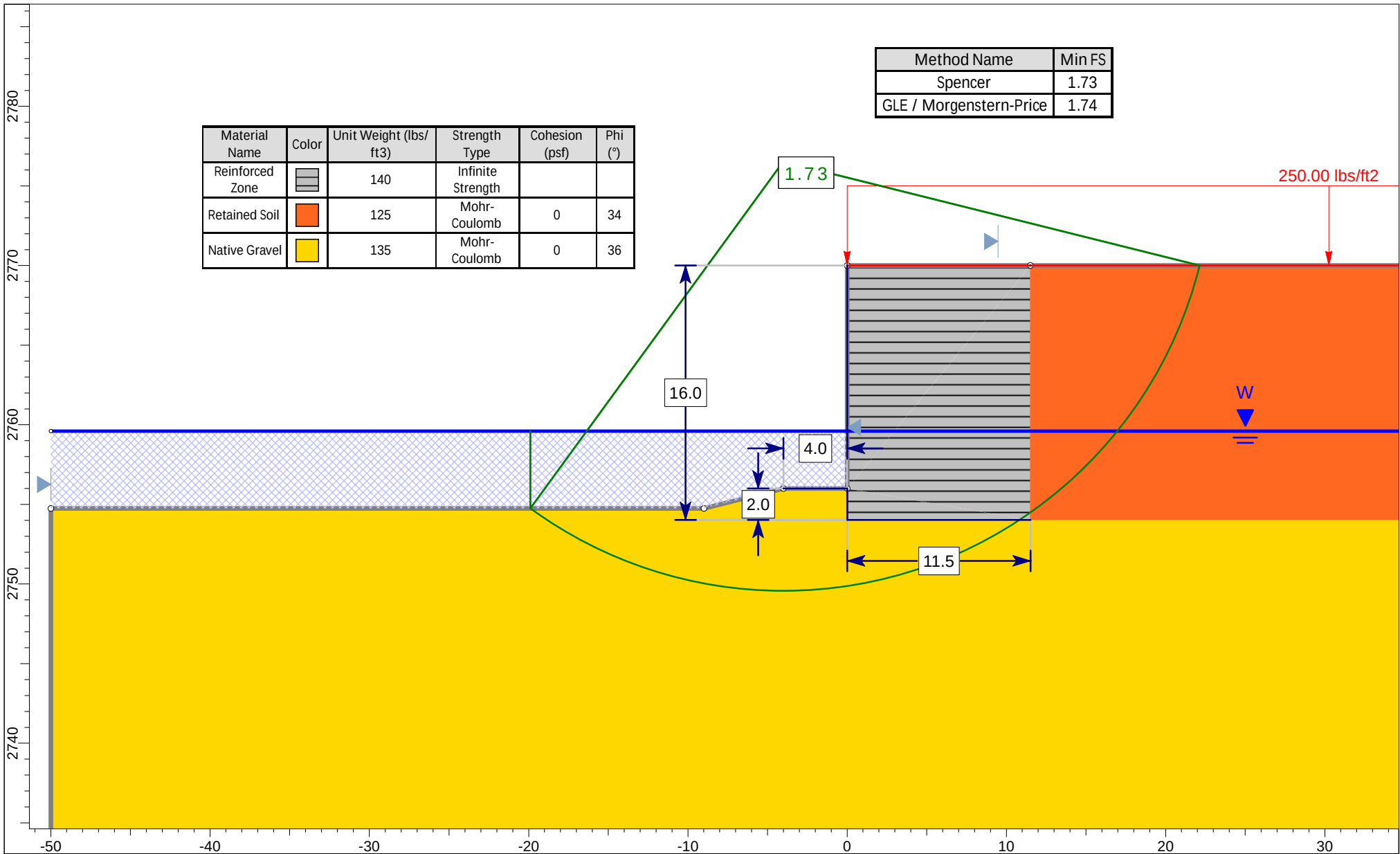
Eckert Road Over Boise River

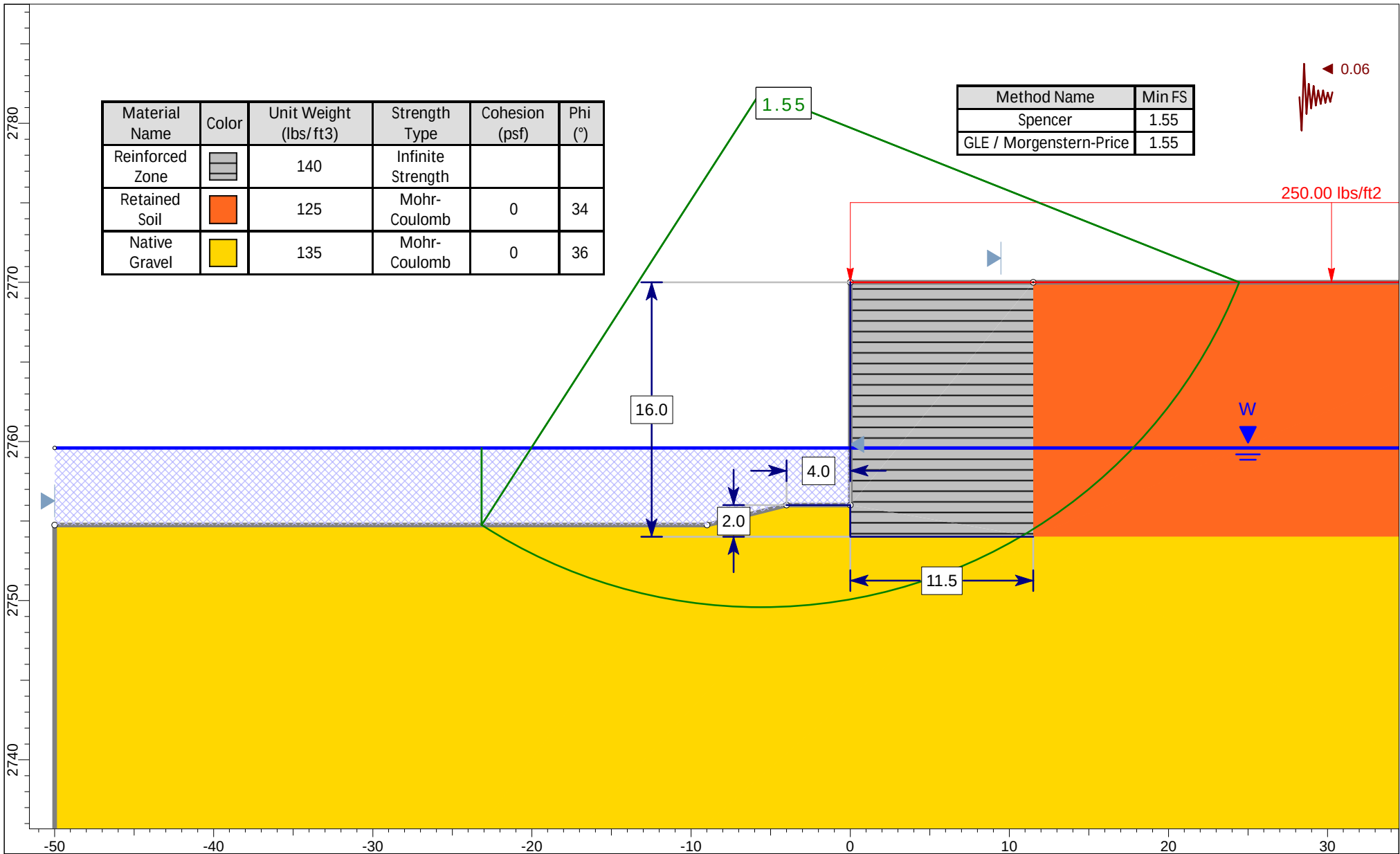
Abutment 1, Pseudo-static

Created by: CM

Reviewed by: LM

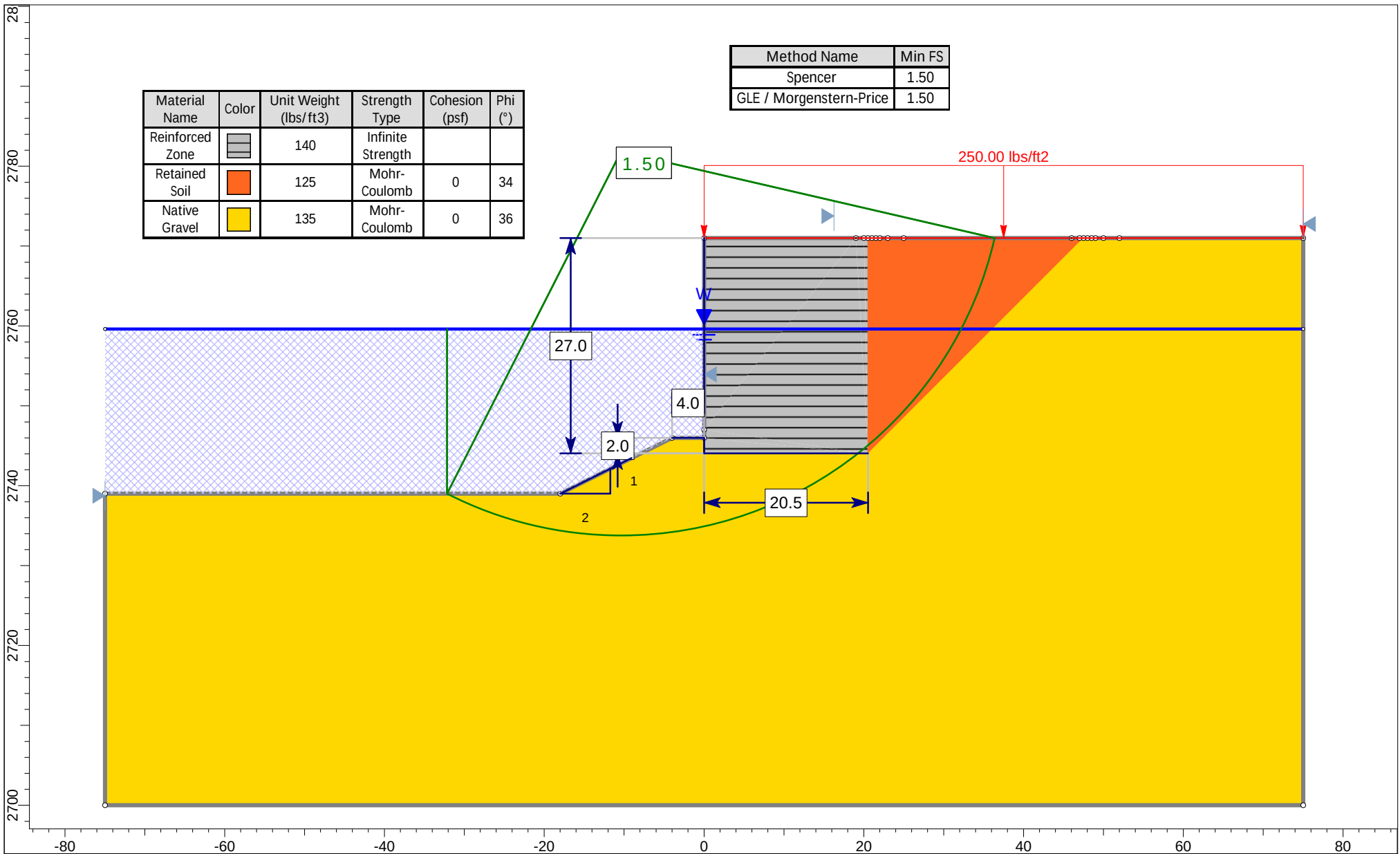
1/30/2026





Material Name	Color	Unit Weight (lbs/ft3)	Strength Type	Cohesion (psf)	Phi (°)
Reinforced Zone		140	Infinite Strength		
Retained Soil		125	Mohr-Coulomb	0	34
Native Gravel		135	Mohr-Coulomb	0	36

Method Name	Min FS
Spencer	1.50
GLE / Morgenstern-Price	1.50



Project

Eckert Road Over Boise River

Abutment 2, Static

Created by: CM

Reviewed by: LM

1/30/2026

