

Table 1: Summary of recommended alternatives for wall support

Alternative	Advantages/Disadvantages
Piles and load-transfer platform	• slow construction
	• requires partial over-excavation and replacement
	• requires shoring and dewatering when over-excavating in confined areas
	• better settlement performance
	• high vibration levels to adjacent structures
Over-excavation and replacement in the upper 27 feet of the profile	• slow construction
	• requires dewatering
	• requires temporary shoring
	• performance risk with adjacent structures
	• confined site access
Rammed Aggregate Pier	• quick installations
	• requires multiple mobilizations
	• no need for shoring or dewatering