



BRONTO SKYLIFT®

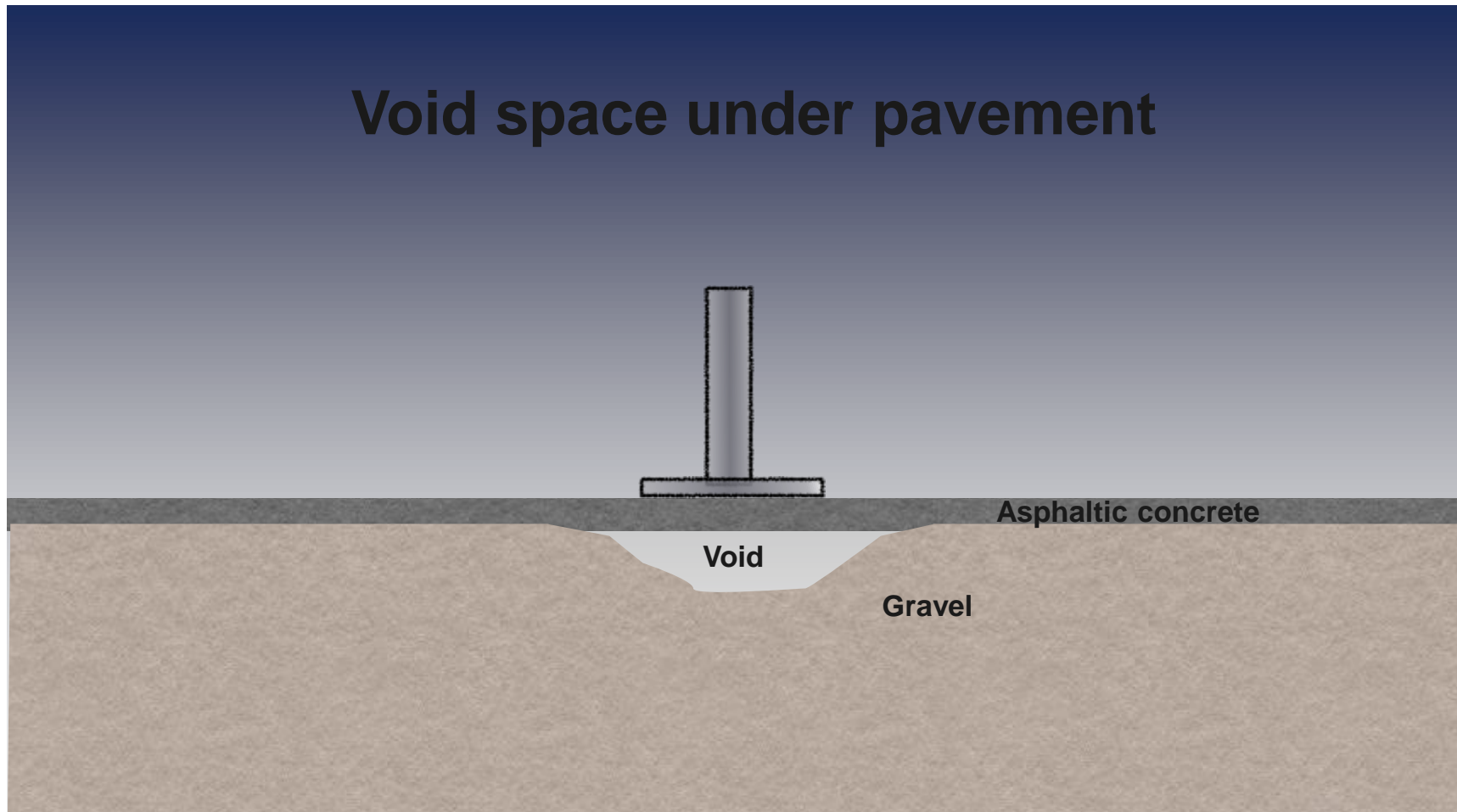
BRONTO Loadman

Invisible ground faults
easily detected using **Bronto Loadman**

Above all



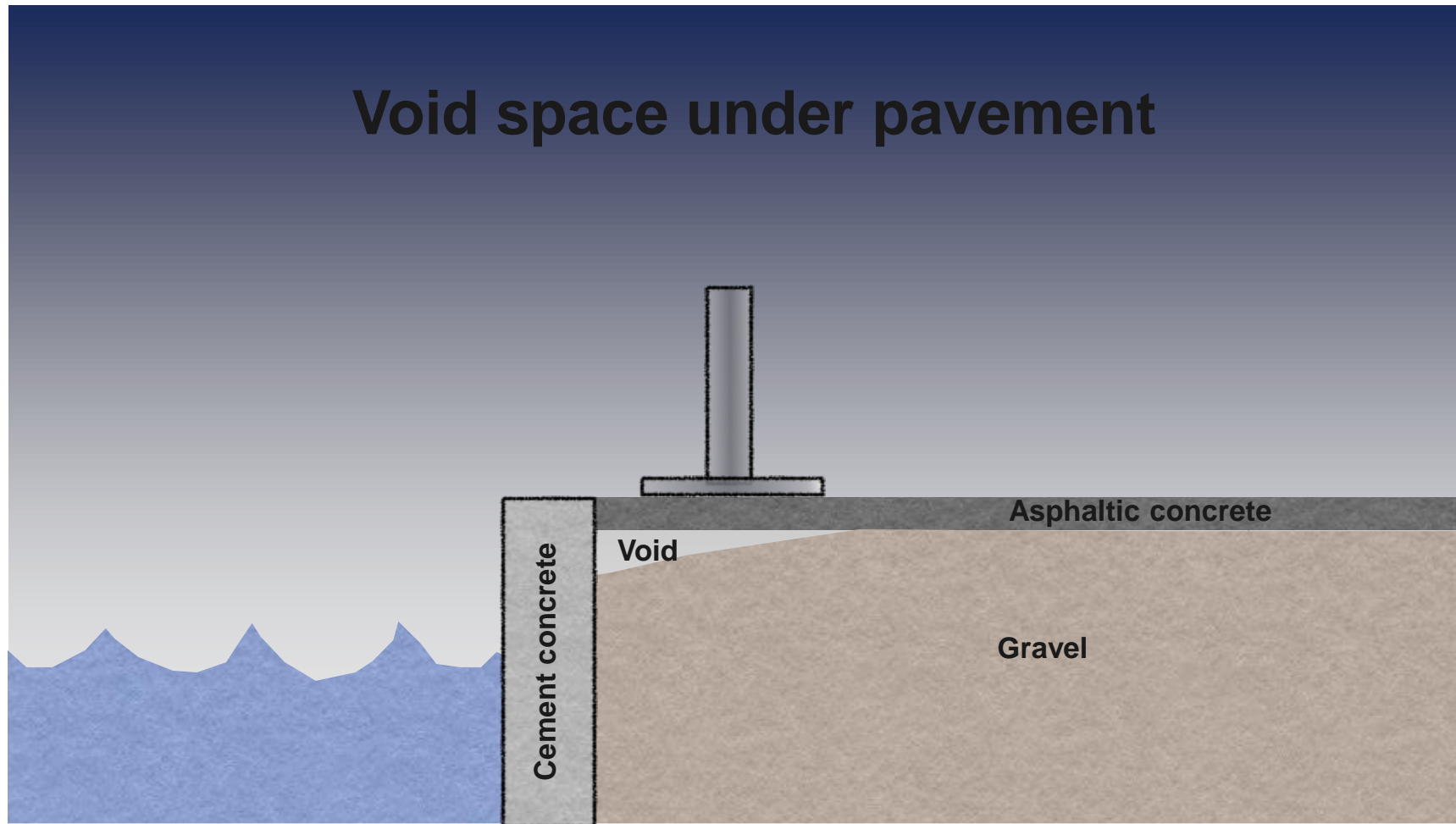
BRONTO Loadman





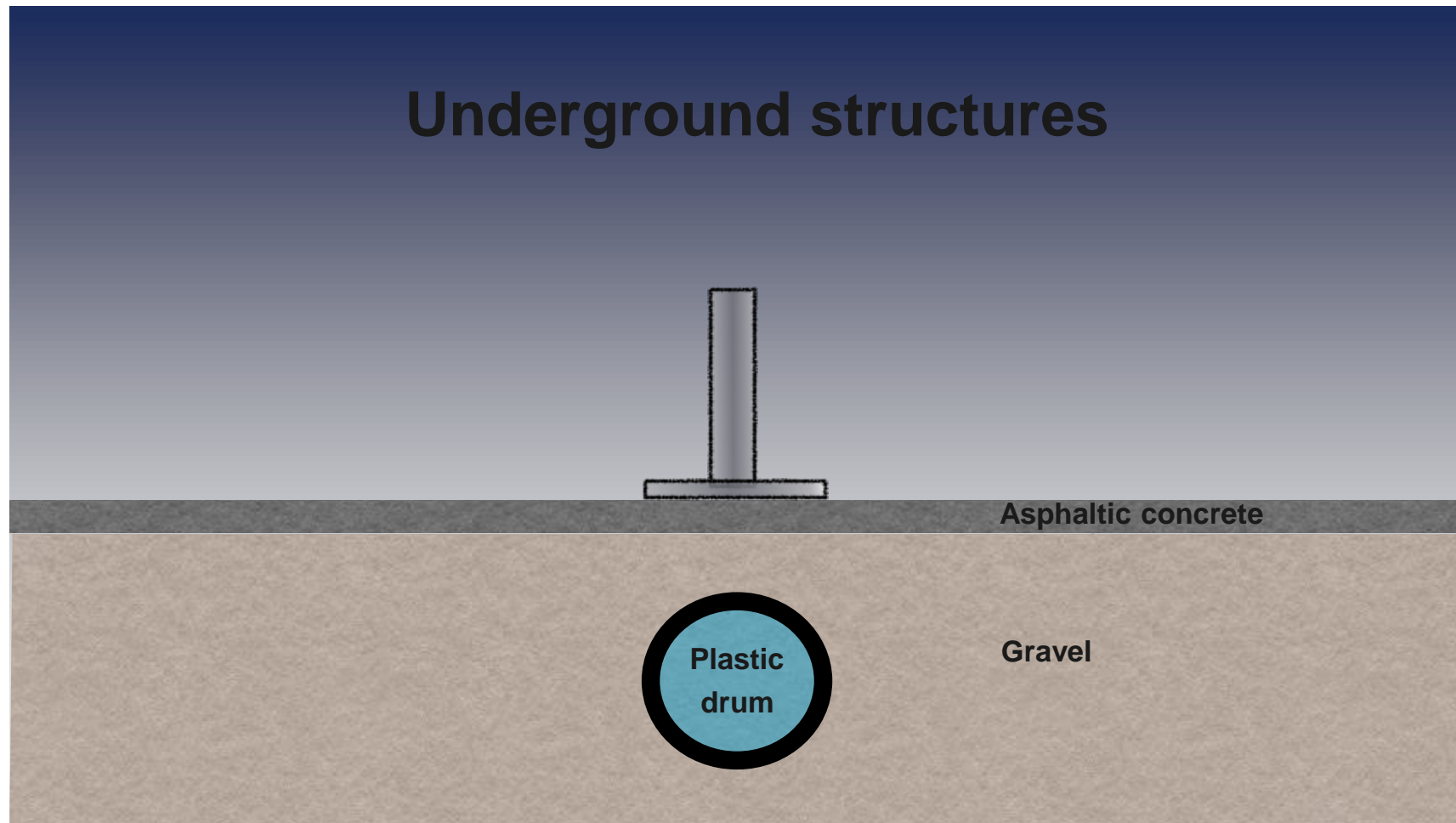
BRONTO Loadman

Void space under pavement



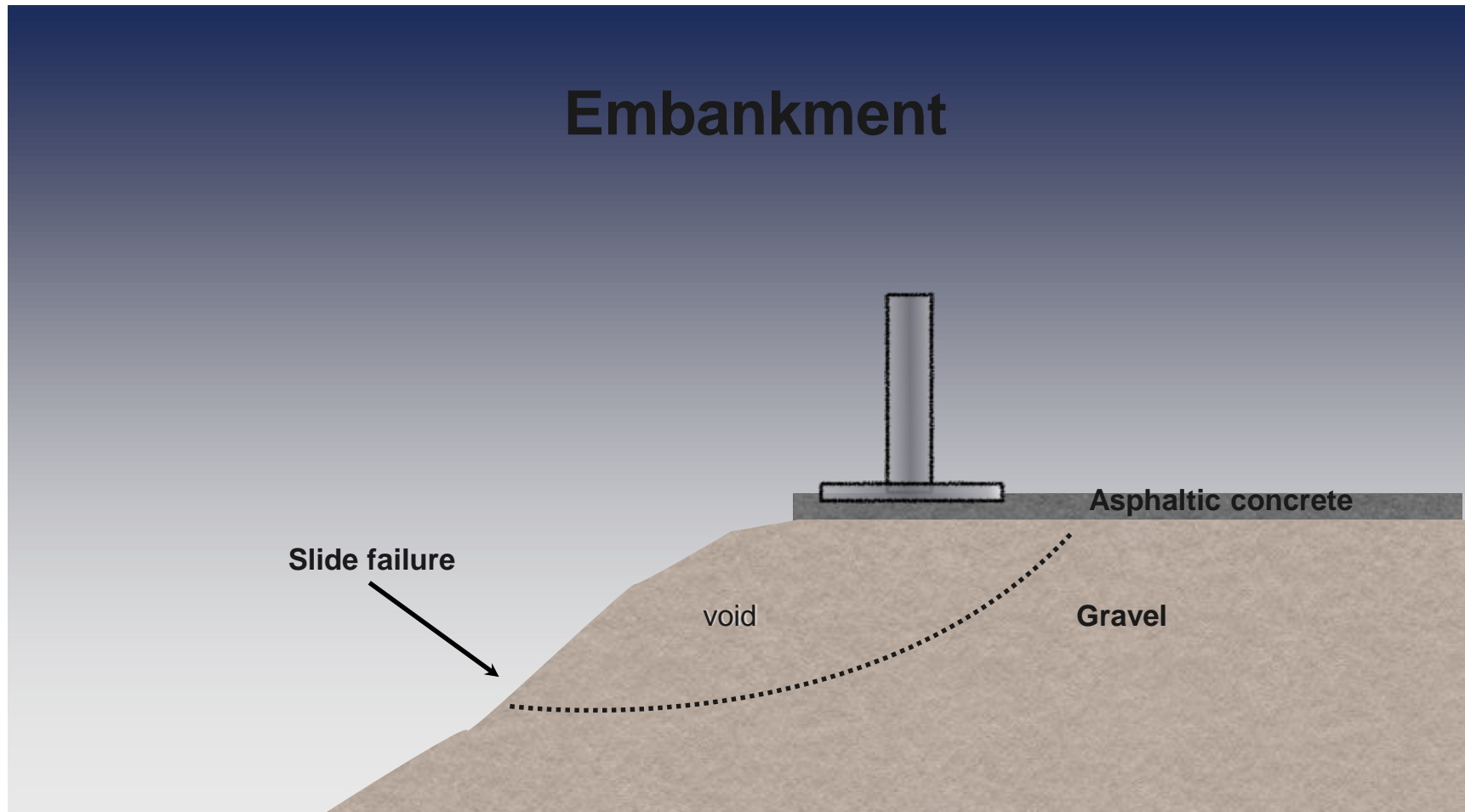


BRONTO Loadman





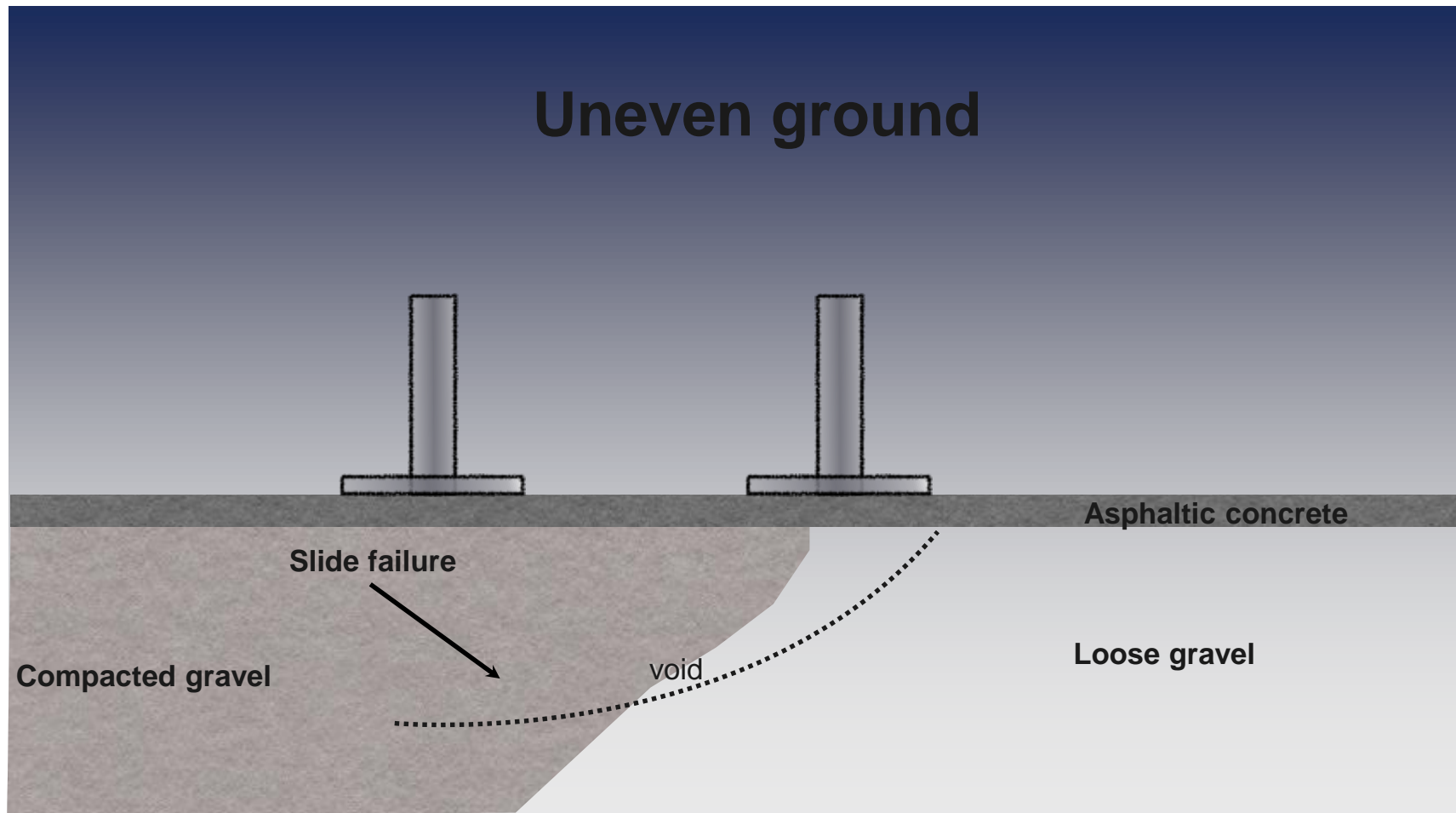
BRONTO Loadman



Above all



BRONTO Loadman





BRONTO Loadman

Always use the ground plates under the outriggers!

TYPICAL BEARING CAPACITIES OF DIFFERENT SOIL TYPES VERSUS LOADING PRESSURES OF BRONTO PLATFORMS

Bronto Loadman value E, MPa	Loading pressure kg/cm ²	Loading pressures of Bronto platforms F90 HLA	Typical E-modulus and allowed surface pressures for certain construction and ground materials, MPa											
			Cement concrete	Asphalt concrete <5-10 cm	Asphalt concrete >5-10 cm	Crushed rock	Crushed gravel	Gravel	Sand	Clay	Organic materials			
1667	100.0	Without Outrigger ground plates												
833	50.0													
667	40.0													
500	30.0													
333	20.0													
250	15.0													
233	14.0		13.9 kg/cm ²											
217	13.0		With Outrigger ground plates											
200	12.0													
198	11.9													
183	11.0													
167	10.0													
150	9.0													
143	8.6													
133	8.0								Good					
117	7.0													
100	6.0	4.4 kg/cm ²												
83	5.0									Coarse and dense				
67	4.0													
50	3.0								Medium					
47	2.8													
43	2.6													
40	2.4													
37	2.2													
33	2.0													
30	1.8													
27	1.6													
25	1.5													
23	1.4													
20	1.2													
17	1.0													
13	0.8													
10	0.6													
7	0.4													
3	0.2													

Bronto Loadman is used only as an aid for making decisions about setting up the platform. The operator makes the final decisions based on available data and experience.

Invisible ground fault

Above all



BRONTO SKYLIFT®



Above all



BRONTO Loadman

TYPICAL BEARING CAPACITIES OF DIFFERENT SOIL TYPES VERSUS LOADING PRESSURES OF BRONTO PLATFORMS

Bronto Loadman value E, MPa	Loading pressure kg/cm2	Loading pressures of Bronto platforms		Typical E-modulus and allowed surface pressures for certain construction and ground materials, MPa																	
		TLK 23-12	F 34 RLX	Cement concrete	Asphalt concrete <5-10 cm	Asphalt concrete >5-10 cm	Crushed rock	Crushed gravel	Gravel	Sand	Clay	Organic materials									
1667	100.0	Without Outrigger ground plates	Without Outrigger ground plates	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
833	50.0																				
667	40.0																				
500	30.0																				
333	20.0																				
250	15.0																				
233	14.0																				
217	13.0																				
200	12.0																				
198	11.9																				
183	11.0																				
167	10.0																				
150	9.0																				
143	8.6																				
133	8.0																				
117	7.0																				
100	6.0																				
83	5.0																				
67	4.0																				
50	3.0																				
47	2.8																				
43	2.6																				
40	2.4																				
37	2.2																				
33	2.0																				
30	1.8																				
27	1.6																				
25	1.5																				
23	1.4																				
20	1.2																				
17	1.0																				
13	0.8																				
10	0.6																				
7	0.4																				
3	0.2																				

Always use the ground plates under the outriggers!

Bronto Loadman is used only as an aid for making decisions about setting up the platform. The operator makes the final decisions based on available data and experience.

Above all