DEMO CONSTRUCTION VERIFICATION INSPECTION REPORT

Report done by **PT SURYA KWON SUNG**

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HEXAGON

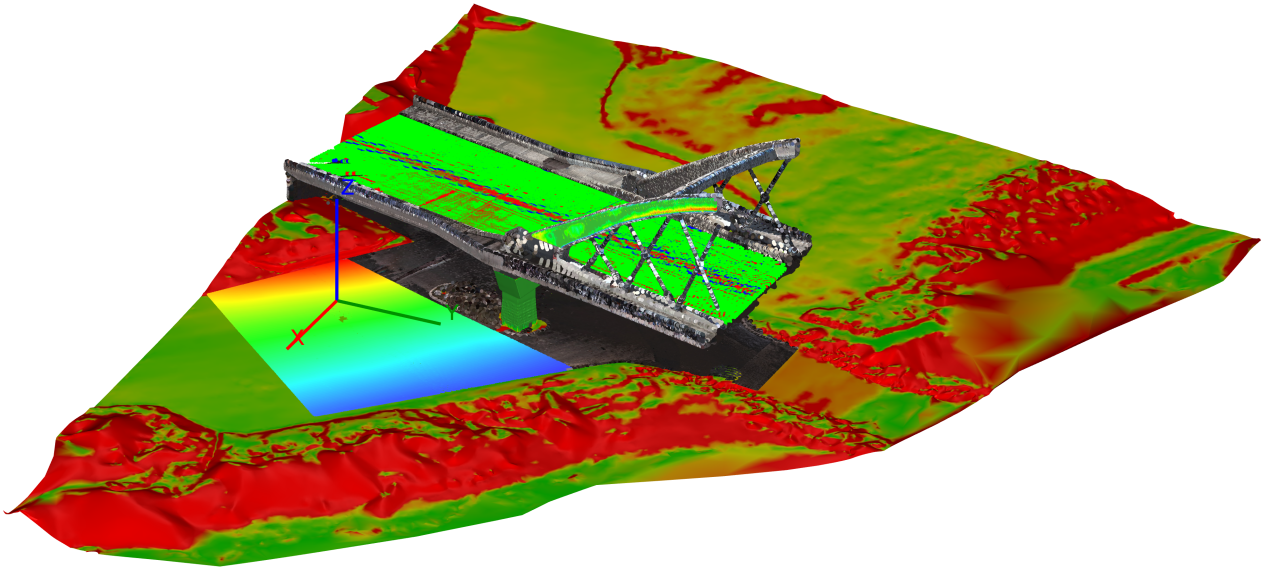
Authorised Distributor

REV 0.0

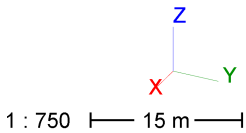
8/5/2026

3D SCAN INDONESIA
Phone & WhatsApp: (+62) 87876772196
Email: stephen@3dscanindonesia.co.id
Product Website: https://www.3dscannerindonesia.co.id
Service Website: https://www.3dscanindonesia.co.id

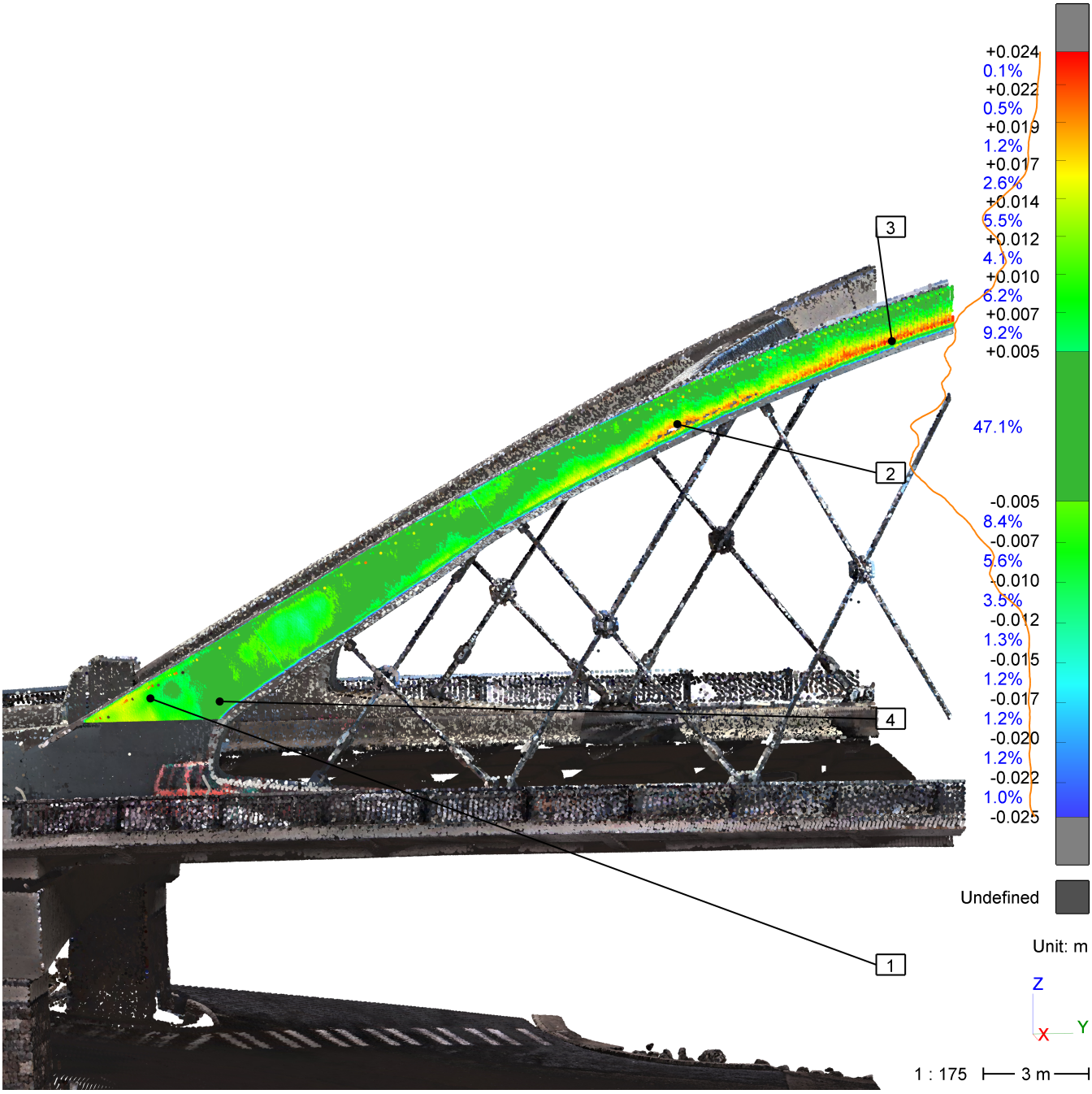
OVERVIEW



Impossible to display different scales at the same time



BRIDGE ARCH DEFORMATION

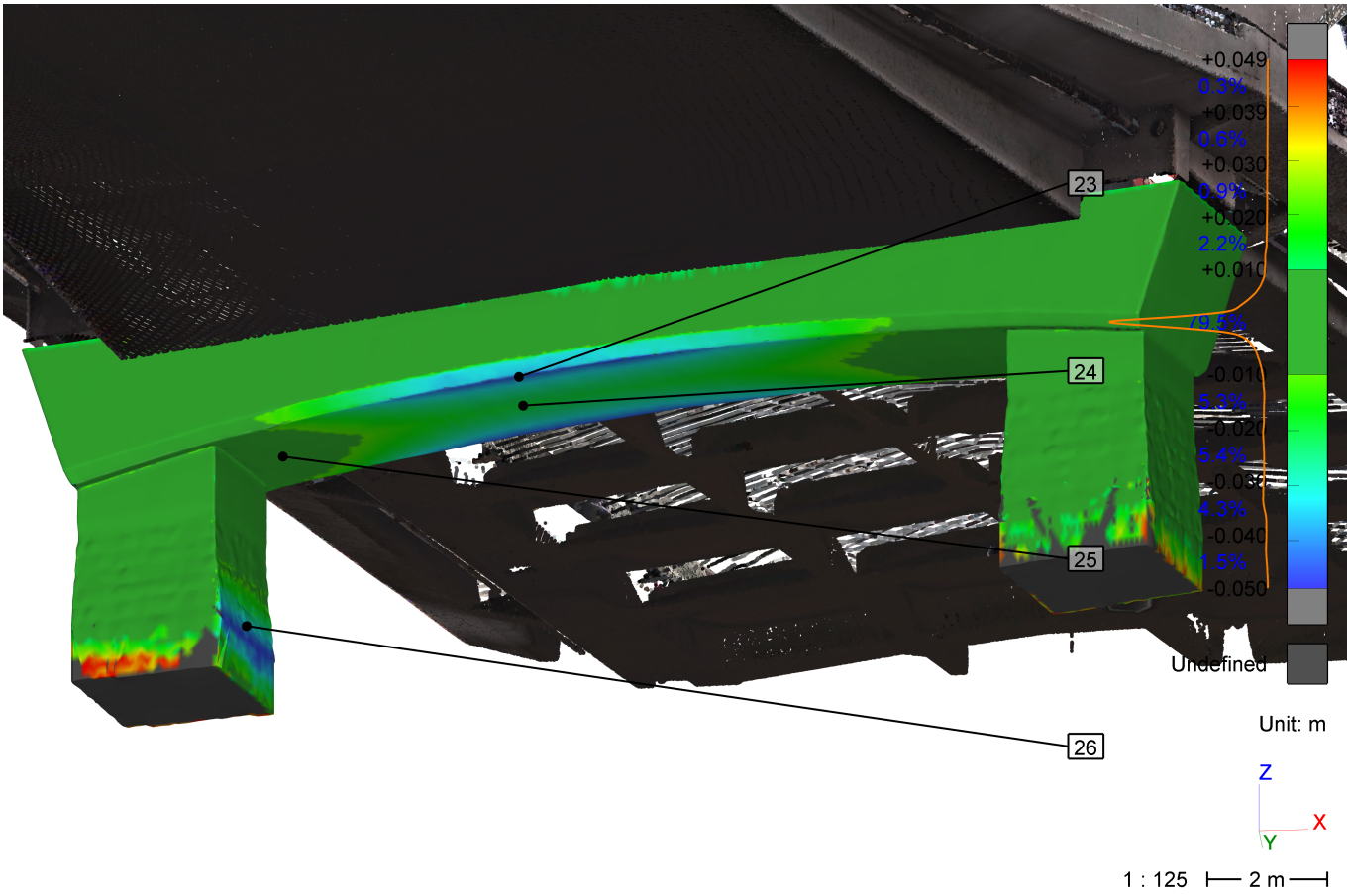


id	Meas Dist (m)
1	0.008
2	0.019
3	0.021
4	0.001

+ = Outside of Best Plane
- = Inside of Best Plane

BRIDGE PILLAR DEVIATION

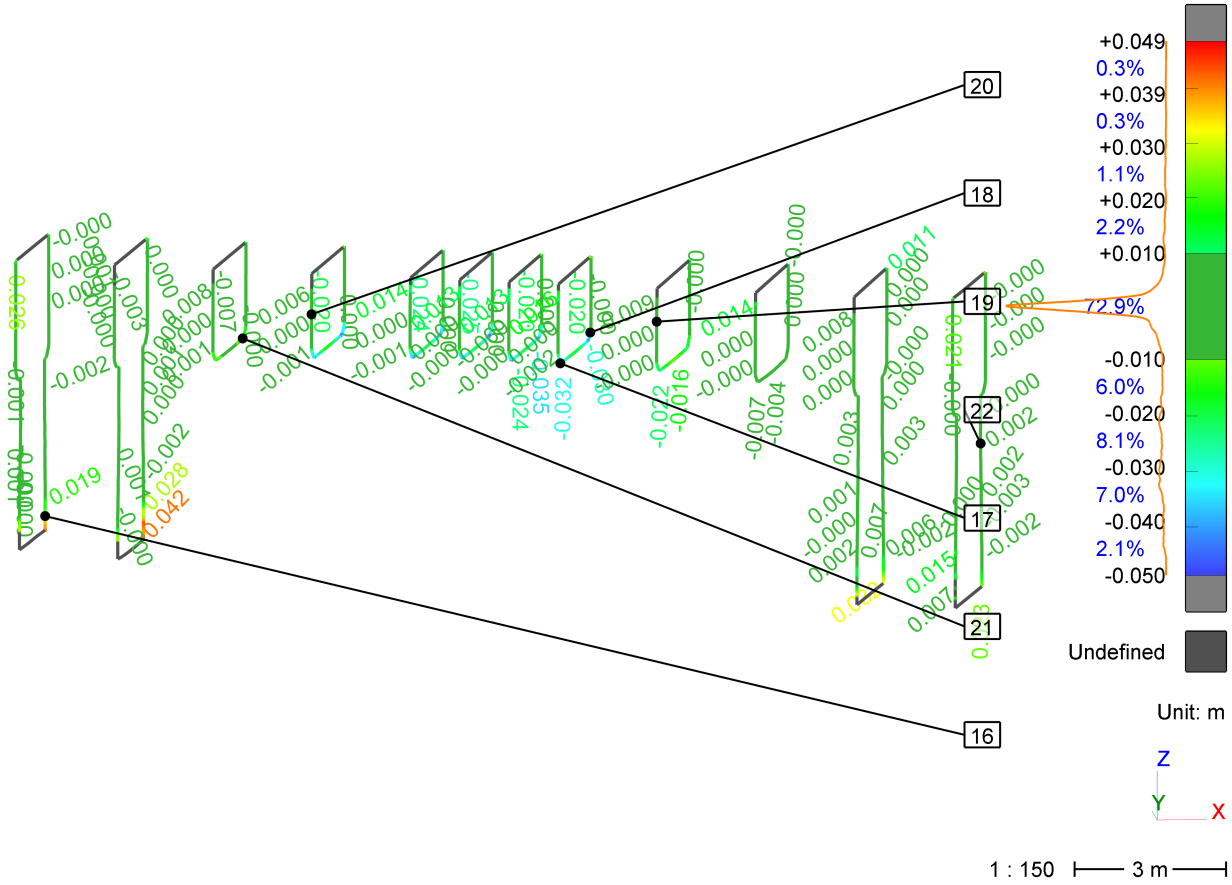
Reference: Bridge Pillar
Measure: Bridge Point Cloud



id	Dev 3D (m)
23	-0.044
24	-0.020
25	-0.003
26	-0.036

+ = Outside of Referece
- = Inside of Reference

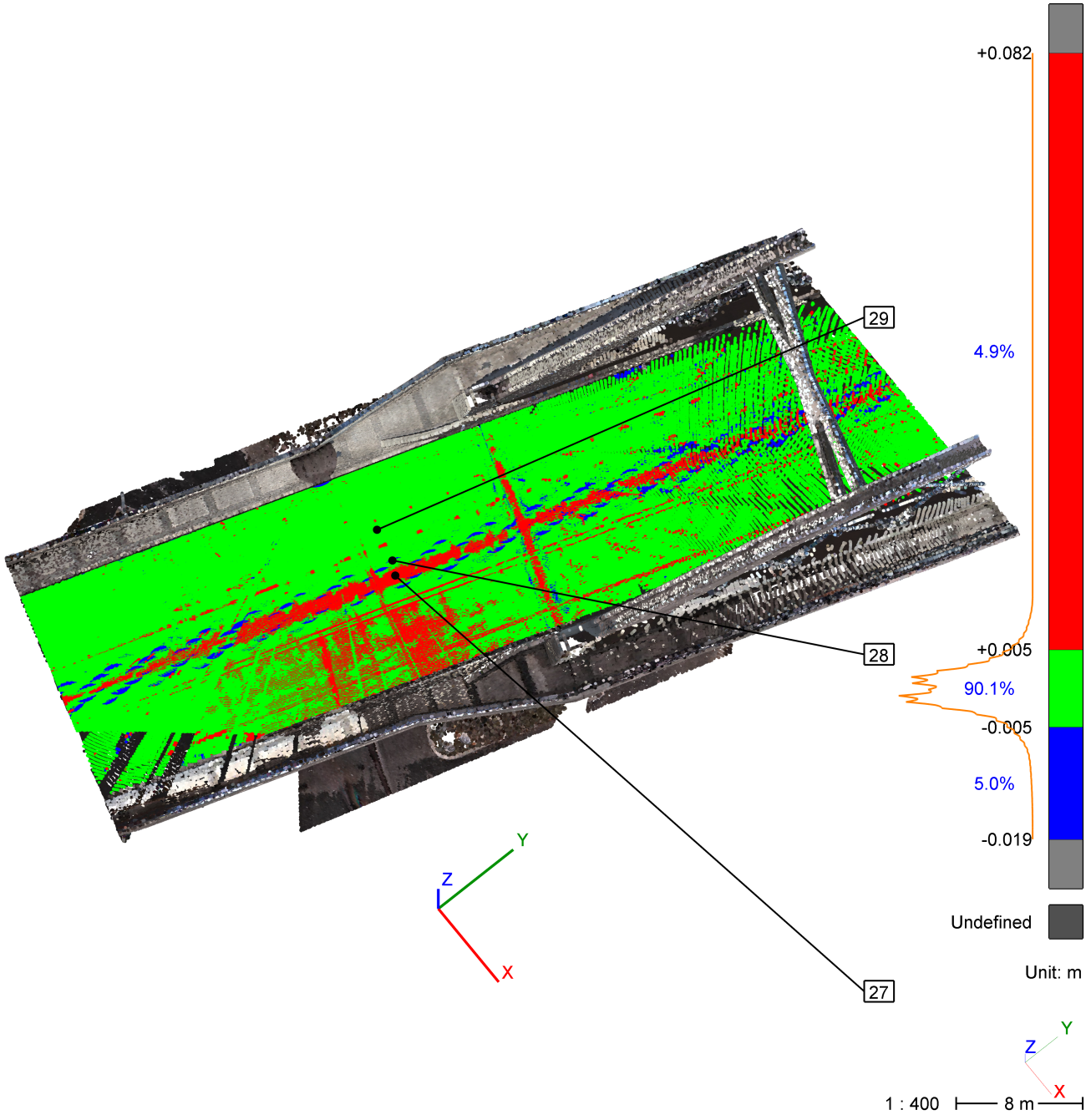
BRIDGE PILLAR DEVIATION SECTIONS



id	Dev 3D (m)
16	0.030
17	-0.039
18	-0.029
19	0.000
20	0.001
21	-0.017
22	0.000

+ = Outside of Referece
- = Inside of Reference

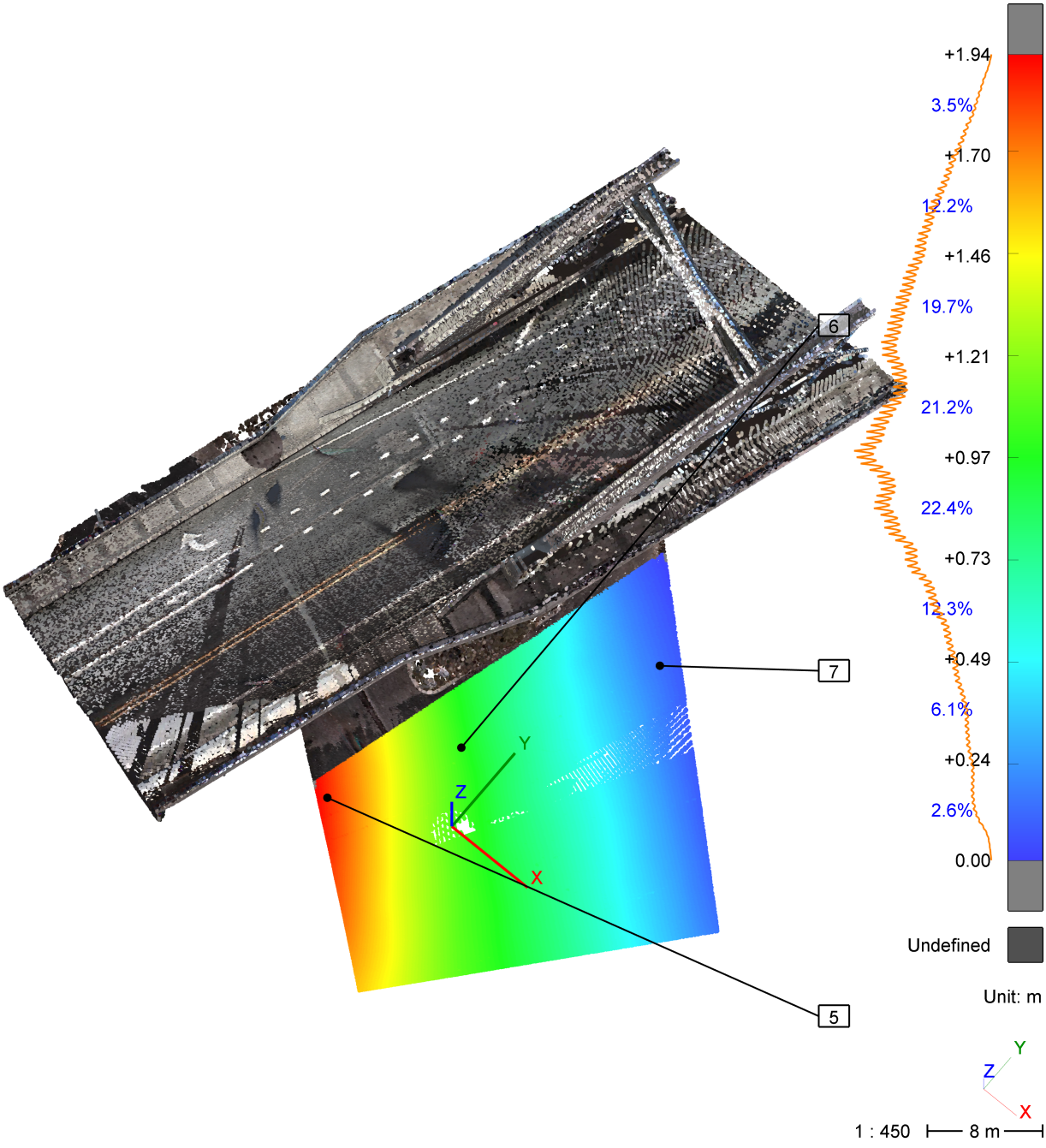
ROAD SURFACE FLATNESS



Ruler dimension: 2.000 m / **Tolerance:** 0.005 m

id	Meas X (m)	Meas Y (m)	Meas Z (m)	Meas Flat
27	-17.623	10.716	5.188	0.009
28	-18.497	11.189	5.173	-0.013
29	-20.661	11.682	5.127	0.001

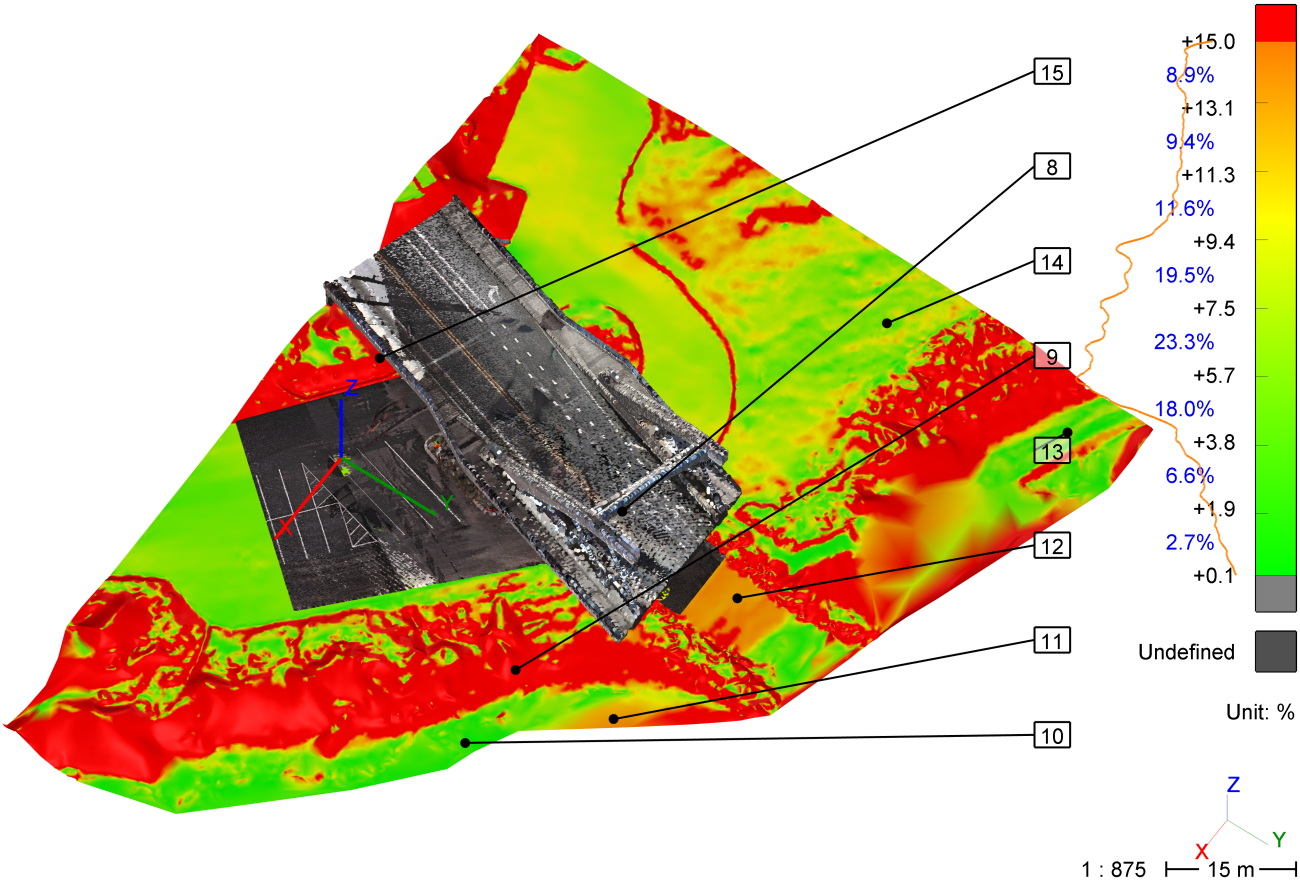
CAR PARK SURFACE LEVELNESS



Offset: 2.757 m / **Direction:** X= 0 ; Y= 0 ; Z= 1

id	Meas X (m)	Meas Y (m)	Meas Z (m)	Meas Lvl (m)
5	-8.097	-3.774	-0.892	1.865
6	-3.404	5.113	-1.754	1.002
7	3.271	18.620	-2.619	0.139

SLOPE ANALYSIS



Slope tolerance: 15.000

id	Meas X (m)	Meas Y (m)	Meas Z (m)	Meas Ang (%)
8	-13.960	29.856	-2.598	4.968
9	9.901	31.540	-3.825	65.480
10	20.849	32.102	-4.693	2.643
11	8.217	44.173	-5.039	13.594
12	-12.697	46.980	-3.907	13.378
13	-53.121	65.227	-4.578	3.508
14	-51.437	40.944	-1.033	6.581
15	-13.258	-3.831	0.496	37.865