



Automatically generate reports with amplitude and attenuation plots from rebar interpretations



Bridge Deck Condition Report

Bridge Deck Name:

Main Street bridge

Bridge Deck Description

# of Lanes:	2
Surface Material:	Asphalt
Surface Condition:	Fair
Expansion Joints:	Yes, 2
Divided Center Median:	No
Additional Information:	Dry and sunny, 20 C

Location Description

Town of Smithville

GPR Survey:

GPS System:	TopCon SGR-1
GPR System:	NOGGIN
System Configuration:	SmartChariot

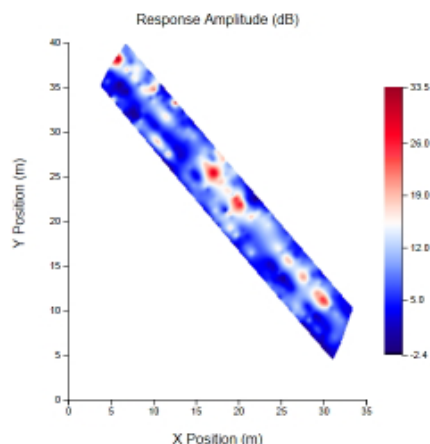
GPS Location(Center of bridge deck):

Easting: 608178.801
Northing: 4830961.386
Zone: 17T

Processing Summary:

Processing Type: ASTM_D6087_08
GPR Signal Processing Velocity: Local (0.133 - 0.133 m/ns)
Analysis Date: Wednesday, October 22, 2014
Number of measurements: 456
Interpolation Type: Auto (2.115 m)

Bridge Deck Amplitude Image:

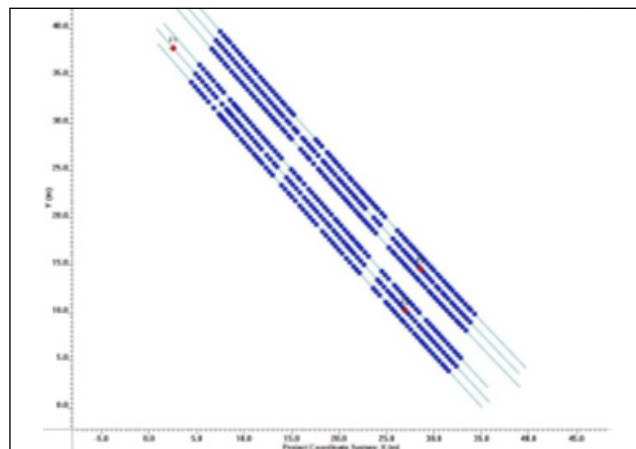
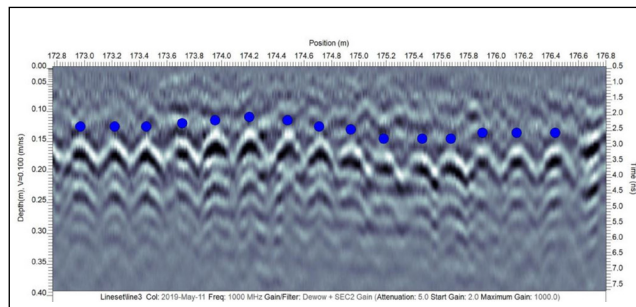


Statistical Summary:

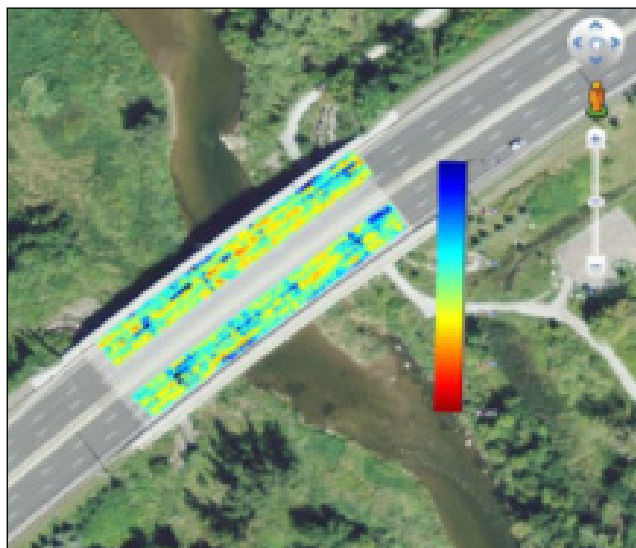
	GPR Amplitude (dB)	Reinforcement Depth (m)	Reinforcement Spacing (m)
Minimum	-2.950	0.142	0.313
Maximum	34.567	0.294	2.064
Average	8.175	0.224	0.529

The pre-defined Bridge Deck Condition Report

includes an amplitude or attenuation plot, based on ASTM 6087, of the bridge deck as well as picked rebar statistics



Picked Rebar (blue dots) on GPR line (top) and in map view (bottom)



Amplitude plot of picked rebar on the bridge deck displayed on Google Earth

Requires one of these Bundles

- Examine
- Reveal
- 3D Reveal
- Suite
- 3D Suite