

# Solution Sheet

## Research & Development



**NEED:** After an automobile accident, our client needed to determine if the accident, involving a hydroplaning vehicle, was caused by tire conditions or by road conditions.

**SOLUTION:** GDM scanned the road surface over the entire area in which the accident occurred. We also established a GPS control network around the entire site. GDM was then able to create highly detailed contour maps of the road surface. By using these contour maps, forensic meteorologists were able to determine the amount of “puddle-ing” that occurred at various locations within the accident scene.

**SPECIFICATIONS:** Scanworlds- 4  
Control- 6 Points  
Fieldtime- 1.5 Days  
Client- Withheld per client’s request

