

## Redfearn, Tyke

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**From:** Dawson, Marvin H.  
**Sent:** Sunday, July 19, 2015 2:03 PM  
**To:** Redfearn, Tyke  
**Subject:** FW: I-77 LiDAR mapping statistics report

Tyke,

Here is the response I received from Quantum Spatial (PhotoScience).  
Let me know if you need this in a different format.

Marvin

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**From:** Byron Freeman [<mailto:bfreeman@quantumspatial.com>]  
**Sent:** Thursday, July 16, 2015 3:50 PM  
**To:** Dawson, Marvin H.; Jeff Simmons  
**Subject:** RE: I-77 LiDAR mapping statistics report

Marvin,

Hope you're doing well. We've got some numbers for you below, but please let me know if you'd like anything else.

2.154 Billion Total Points

Approximate average points per square foot = 10

I-77 RMSE (LiDAR vs. Control after adjustment) = 0.021 ft

I-20 RMSE (LiDAR vs. Control after adjustment) = 0.018 ft

Thanks,



**Byron Freeman LS**  
**Land Surveyor**

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