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## **Cost and time studies using the BeamRider laser guided line marker**

**Location** – Warwick University

**Date** – 5<sup>th</sup> October 2006

**Number of pitches** – 1

**Method** – To over mark full size American football pitch

### **Study 1**

To initial mark a full sized American football pitch – Study revealed an average of 8 hours per pitch to complete this task using traditional methods. Includes all hashes.

<b>Traditional method</b>	<b>BeamRider</b>
8 hours per pitch 2 man operation @ £8.00 each per hour  Total of £128.00 per pitch  Total for 1 pitch = £128.00	2.5 hours per pitch 2 man operation @ £8.00 per hour  Total of £40.00 per pitch  Total for 1 pitch = £40.00

### **Saving of £88.00**

### **Study 2**

Over mark a pitch using existing lines – Study revealed an average of 3 hours per pitch using traditional string line method.

<b>Traditional method (string guided)</b>	<b>BeamRider</b>
4 hours per pitch 2 man operation @ £8.00 each per hour  Total of £64.00 per pitch  Total for 15 markings per season = £960.00	1 hr 20 minutes per pitch 2 man operation @ £8.00 each per hour  Total of £21.20 per pitch  Total for 15 markings per season = £318.00

### **Saving of £642.00**

### **Conclusions**

If you mark out 8 American football pitches on 15 occasions each year the amount of money you would save (per year) equates to **£2910.00** compared to the traditional method.

- *Perfect, straight and uniform lines*
- *Allows a high quality and standard of workmanship to be achieved week after week*
- *Easy to operate – anyone can use the system*
- *Self correcting and maintenance free software – Operators cannot make mistakes in line straightness and quality, deviations are automatically detected*
- *Operator friendly and self correcting software – you cannot produce a wobbly line*
- *Easily cleaned and maintained*
- *Guaranteed client/customer satisfaction*
- *Efficient and easy way to produce high quality work*