



BEAMRIDER LTD
UNIT 2
FLEET HOUSE
SPRING LANE
MALVERN
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Cost and time studies using the BeamRider laser guided line marker

Location – Warwick University & Winnebago High School

Date – 5th 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 5 hours per pitch to complete this task using traditional methods. Includes all hashes.

Traditional method	BeamRider
6 hours per pitch	2.5 hours per pitch
2 man operation @ £8.00 each per hour	2 man operation @ £8.00 per hour
Total of £96.00 per pitch	Total of £40.00 per pitch
Total for 1 pitch = £96.00	Total for 1 pitch = £40.00

Saving of £56.00 (\$109.00)

Study 2

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

Traditional method (string guided)	BeamRider
3 hours per pitch	1 hr 20 minutes per pitch
2 man operation @ £8.00 each per hour	2 man operation @ £8.00 each per hour
Total of £48.00 per pitch	Total of £21.20 per pitch
Total for 15 markings per season = £720.00 (\$1404.00)	Total for 15 markings per season = £318.00 (\$.620.00)

Saving of £402.00 (\$783.90)

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 **£3,216.00 (\$6,271.00)** compared to the traditional method plus, the following benefits;

- *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*

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