

# Jobling Purser Limited Case Studies

## LUCIOL (Class 1) Case Study

### Stockton-on-Tees Borough Council

#### SITE DETAILS



**Site Location:**

A1044 Leven Bank

**Date of Installation:**

11th November 1998

**Site Description:**

Sharp bend at bottom of steep hill descending from blind summit. Road narrows to bridge 100m after bend. De-restricted A class road.

**Gradient:**

15%

**Curve Radius:**

66 Meters

**Traffic Volumes:**

1,327 vehicles/hour peak (September 1995)

#### Accident reducing measures undertaken:

1. Installation of Luciol to existing box beam section safety barrier.
2. Additional/improved signing and road markings.
3. High friction surfacing installed 1995.

#### Accident statistics prior to application (January 1994 – March 1997)

(Figures based on study of 2.1km stretch of road)

**18 Injury Accidents:**

1 Fatal Accident  
2 Serious Accidents  
15 Slight Accidents

Resulting in 24 injuries and 1 fatality

#### Accident statistics after application (November 1998 – December 2000)

(Figures based on same stretch of road)

**3 Injury Accidents:**

0 Fatal Accidents  
0 Serious Accidents  
3 Slight Accidents

Resulting in 4 injuries

Summary: Pro-rata of post application statistics indicates 4 injury accidents over 3 year period.

Therefore as part of this accident reduction scheme, Luciol has contributed to an 78% reduction in injury accidents overall..



JOBLING



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