

Town of Blowing Rock

Request for Council Action

FROM: Tony Jones, Chief of Police
SUBJECT: Speed monitoring device
TO: Town Council
DATE: April 4, 2017
REQUESTED BY: Council

Public Hearing Yes No Will be required
Properly Advertised Yes No Will be required

BACKGROUND: Traffic calming on Valley Boulevard to help reduce the risk of traffic accidents.

STATEMENT OF PLAN CONSISTENCY:

It is the opinion of staff that the proposed action IS IS NOT consistent with the Comprehensive Plan for Blowing Rock or other officially adopted plan (list if other: _____).

Specifically, this action is in accord with the following sections of the Comprehensive Plan: On page 41 of the Comprehensive Plan in the Comprehensive Plan Elements under T-1: Efficient Multi-Modal Transportation Network “Ensure that the streets and highways that serve the community provide for the safe and efficient movement of both vehicular and non-vehicular traffic within and through the Town.”

ATTACHMENTS:

1. Comparison of the Speed Monitoring Devices.

STAFF RECOMMENDATIONS:

Town Council *approve..... The Evolis System device.*

COUNCIL ACTION:

Comparison between:

The ALL TRAFIC SOLUTIONS Radar Speed Sign and the EVOLIS Radar Speed Sign

ALL TRAFFIC

Know Commodity we have their product and have pleased with the product performance.

EVOLIS

We have not used any Evolis products but they have a large customer base and we have spoken to Mr. Kenneth Geathers the Town Manager of Rutherford College who gave the product an excellent reference.

Both Companies list over 5,000 customers.

ALL TRAFFIC

Can be programed from any location that can connect to the internet. Data can be downloaded from remote locations, such as the Police Department.

EVOLIS

Must be programed and data downloaded from the sign location. No internet based communication from remote sites, such as the Police Department.

Both devices collect the same type of information. Speed time, 50th and 85th percentiles, maximum speed and number of vehicles.

ALL TRAFFIC

Dimensions 20'H X 30'W X 2.96'D 25 lbs.

EVOLIS

27'H X 27'W X 6'D 16 lbs. without batteries.

ALL TRAFFIC

\$5,490.00

EVOLIS

Approximately \$2,500.00 (Did not send a "Quote" just package price).

Primary differences are the remote program and download ability of the All Traffic unit that the Evolis does not have. Evolis will collect traffic data from both directions of the road, All Traffic will only do one at a time. Price difference is substantial as All Traffic is more than twice as expensive.

The ability to program the device and collect information immediately from the Police Department is far more efficient than going to the sign location itself and collecting the data which is a major advantage for the All Traffic device coupled with the fact that they are a known commodity to us makes them very appealing. However, the price difference must be considered along with the large customer base and first hand reference provided staff suggests purchasing the Evolis Radar Speed Display.