

## BEST PRACTICE

LOCATION:  
ACTIVITY:  
SUB ACTIVITY:  
BEST PRACTICE No:  
COUNTRY OF ORIGIN:

Contracting - On-highway  
Contracting  
No Sub Activity Available  
BP2150

ARTICLE YEAR  
COMPANY:  
COMPANY LOCATION:  
COMPANY TEL:

2022  
FM Conway  
Multi-site  
0000

### TITLE

**Machine gang 2-way radio communication**

### ARTICLE

#### **FINALIST - Safer construction or contracting site**

Road surfacing requires the operation of multiple plant in a small space with a minimum of 8 operatives working closely around mobile plant. A tipper can be unloading material into the paver controlled by a banksman while men can be raking and rolling behind the paver. Hot roll and chip requires a chipper to be operated behind the paver by a gang of 6 or more men, the rollers operated behind the chipper.

The operation of pavers and rollers create mandatory noise protection zones which require the use of hearing protection when in operation. This can cause communication difficulties between the operatives using the hearing protection or from the noise of the plant if hearing protections are not being used. Poor communication between the operatives involved in these activities presents a high potential risk of them coming in contact with the moving plant.

Several near hits were raised by FM Conway operatives working in different gangs, this highlighted the risks. A group was formed to discuss what could be done to mitigate these risks

Please watch the video to see the solution that FM Conway developed to this problem.

### ARTICLE IMAGES