



## Milestone Infrastructure School Visit

### Who is Milestone Infrastructure?

Milestone Infrastructure looks after 24,000 miles of roads, 280,000 lighting assets and 20,000 miles of footways, always with a view to ensuring that all works are carried out as sustainable as possible and with minimal impact to local communities.

Milestone Infrastructure plays a very important role in maintaining and improving the nation's transport infrastructure. As a result of our activities, we are constantly interacting with the natural environment around us; we aim to not only minimise the impact of our operations but wherever possible, leave a lasting positive legacy.

As an example, we are using hydrotreated vegetable oil (HVO) diesel in our fleet to reduce carbon emissions by more than 90 per cent and reducing harmful exhaust emissions from the vehicles. We are at the forefront of trialling innovative low emission plant and equipment, such as electric excavators and road sweepers as well as reducing our reliance on fossil fuels to power our sites and compounds using renewable energy generated on site.

### What is It Starts With Me?

Milestone's cultural heartbeat is called **MiLife** which focusses on building a culture that supports our values, people, delivery and integrity and has a number of interconnecting cogs within it.

One of the cogs within **MiLife** is 'It Starts With Me'

**So, what is 'It Starts With Me?'** It is a culture of care, respect and looking out for our colleagues, accepting responsibility for our own and others wellbeing.

### Why would we like to visit your school?

Milestone is focused on building a culture that supports our values – safety, people, delivery and integrity. Milestone is keen to engage with the community around us and share the good work that is carried out both day and night on our local roads. There are two highways' depots in Oxfordshire, one at Deddington and one in Drayton. The aim of our visit is to provide a show and tell interactive roadshow, highlighting some of the machinery and tools we use to keep the highways maintained in and around Oxfordshire, both during the day and night-time. We would also like to highlight the importance of safety around roadworks to the students.

Ideally, we would like to visit your school for a day, bringing with us a variety of machines / vehicles, into the playground or other suitable space if possible.

### When would we like to visit?

We understand that school life is busy and would like to work with you to agree an appropriate time to fit the roadshow in with the curriculum. From previous experience the roadshows are a great way to end the week and so we like to complete them on a Friday where possible. However, if this doesn't suit we can be flexible.

### Who would be coming?

Milestone will bring a team of operatives, and supervisors to the school. Approximately 5/6 staff members will talk about the work we carry out and run some interactive sessions with the students.

### Timings

Depending on the size of your school we can accommodate 1-2 year groups for the full roadshow experience. However, other classes are able to view the plant briefly throughout the day when the sessions are not taking place. The presentation session generally takes 45 minutes with each outdoor session taking an additional hour where we can accommodate up to 60 students per session. The suggested format is presentation before break and practical sessions between break and lunch and/or after lunch.

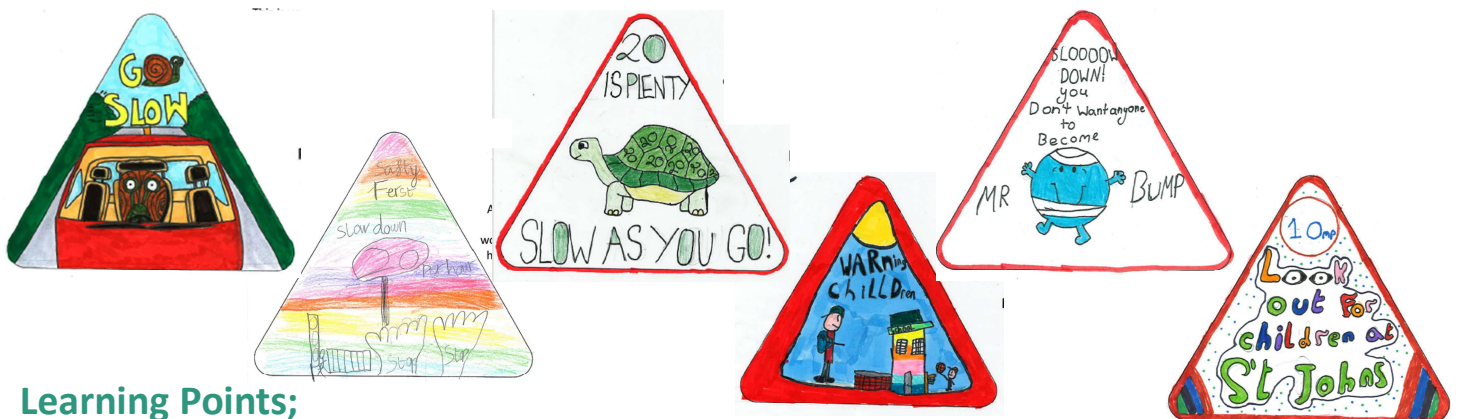
## Suggested activities;

**Outside:** Various vehicles and lights will be on display for the children to see up close. They will have a chance to speak to the operatives who work on these vehicles everyday who will answer any queries they may have. Please see following page for mo9re information on vehicles.

Demonstration, to include cones and “stop” and “go” signs. The Milestone team will demonstrate how these are used on the roads, when work is being carried out. They will also be given the chance to have a go with the “stop” and “go” signs.

**Inside:** The indoor presentation will consist of some of the following topics; a brief explanation as to what Milestone is and what we do. An outline of Safety signs used on the network and why it is important to be respectful to highway workers. An explanation of the environmental and health and safety considerations within our work. Daydreaming and habits and why it is important we are safe whilst both on site and also for students in their lives. How we are able to help each other to be safe whilst walking, cycling etc on the network.

**Competition:** Finally – and possibly the most exciting part – we would like to offer the students the opportunity to take part in a competition. We would as many students as possible, to design a road safety sign of their own. This could be about anything, speed, safety, parking etc. The competition will be held within the group and the winner will have their design made into a REAL road sign and displayed near their school. Please see below some of our favourite entries from previous schools!



## Learning Points;

Depending on which year groups you would like the sessions delivered to we have presentations tailored to both Key Stage 1 & Key Stage 2 with a combination of the below information included:

- 1. What?** We want to highlight that in life we often become complacent from risks around us after they have been present for a long time. It doesn't matter how dangerous the activity is once we have repeated many times, and got away without a bad experience, we soon stop realising how dangerous it really is. Such as crossing familiar road around homes and schools. (Children crossing the road, being aware of the hazards on the road and around us, when out walking on the pavement, or when using a bike or scooter). In addition, the students will all see roadworks in their lives, whether they are in a car or on foot. We would therefore like to highlight the importance of safety around them and allow them to understand that the signage and barriers are vital to their safety.
- 2. How?** Intervening when you see people exposed to risk is an opportunity to keep family, friends, and colleagues safe and well. We want to encourage a safety culture based on openness and support where we give each other permission to remind and look out for one another to reduce risks and say thanks.

3. **Why?** Alpha sleep is a naturally occurring state of mind, in which the conscious mind is distracted by internal thoughts instead of being focused on the present and aware of the physical environment around us. When we are in alpha sleep, we tend not to see hazards below the knee or above the eye line which can pose a safety risk. Your activity is controlled by your sub-conscious, whilst your mind is elsewhere, busy thinking about other things. This can happen when you are walking home from school and you are chatting with your friends, or you are thinking about what you are hoping might be for tea tonight, or that game you are desperate to get home and play. This is when tasks and activities become automatic, also known as daydreaming. Step back, take a moment (10seconds) to check the risks, check your surroundings and look out for the hazards that could be realised as incidents or injuries.

## Resources and Plant;

We know most children enjoy seeing big vehicles and machines, so here are a few examples of the resources and plant that we can bring to the school visit. This depends on the space you have available for us to use and suggest we conduct a visit prior to the event to agree space available.



**Dragon Patcher**

Milestone called this a “dragon patcher” because they can dry out potholes using flames before the material is laid, they are predominantly being used on smaller, rural roads where more conventional treatment methods, such as surface dressing, can't be carried out.



**Traffic management vehicles**

Traffic management vehicles are used to implement, install and maintain traffic control systems such as traffic lights, lane closures, diversions and 'stop & go', that separate road workers from road users with minimum disruption to traffic flow.



**Gully Tanker**

A gully tanker (also known as a gully emptier) is a specialist vehicle. The tankers have features which can be used to clear debris, waste or mud that could be causing problems or blockages for the gully. This can be achieved sucking up waste into the tanker to be removed from the site.



**Gritter**

A gritter is a vehicle which spreads grit on roads in icy weather, or when icy conditions are expected.