

Instructions for RouteArrows

Thank you for choosing RouteArrows for your event! Please allow me to take a minute to answer your questions and pass along some pointers for application of this simple route marking system.

- **Calculating number of arrows needed per route:**

Each roll contains 250(+/-) arrows and is sold per roll only. Because they are more visible than other marking methods, you can use fewer arrows per turn. The minimum number I recommend is 3 arrows per turn which would allow for one before, one at and one after each turn. Most events, however, choose to use 4-8 arrows per turn with 5+ arrows a good choice. So you will need one roll for each 45-50 turns to be marked. This would allow 3 before the turn, one at the turn and one after the turn as the "confirmation" arrow. The key is to be consistent with the number and location of the arrows at each turn. Your event might also have some locations that are "no brainers" that don't need the full five arrows and some places where you might want to use a few "confirmation" arrows just to let the riders know they're still on the route and avoid any confusion with side roads or road name changes. On left turns across multiple lanes of traffic I recommend using more arrows to "sweep" the riders into the appropriate left turn lane. Again, the key is to be consistent with the pattern or location of arrows at each turn or point to be marked.

- **Applying the arrows:**

The first consideration is the safety of those doing the application. Wear bright and or highly contrasting clothing; a road worker orange vest is an excellent choice. Be sure your vehicle is safely out of traffic and the road is clear. Have a safety spotter watch for oncoming vehicles while the installer applies the arrows to the road surface. Never venture out into traffic unattended and never assume traffic sees you! These arrows will stick very well to clean, warm, dry roads surfaces. Therefore, afternoon is the best time. The smoother the pavement surface the better, though the arrows will stick to rough "popcorn" surfaces if the arrow is pressed down well. Avoid placing the arrows on any moisture, debris, oil, dust or dirt as this will greatly reduce or eliminate the bond of the arrow. A small broom can be very useful in removing any contaminants from the intended placement location. For optimum arrow visibility place the arrows within 24 hours of the event, but no more than 48 hours before the event. The longevity of the arrows will also depend on where on the road surface they are placed, the amount of sun exposure and the amount of traffic they are subjected to. The green color is more fade resistant than the red or orange arrow. If there is a shoulder of ~2 feet or more place the arrow just to the right of the white line. If the shoulder is less than 2 feet wide, place the arrow just to the left of the white line. If there is no white line, place the arrows ~2 or more feet in from the pavement edge. Placing arrows on the white line can also work but makes the light colored arrow less visible. The installer should wear soft soled shoes to firmly press each arrow onto the road surface to insure the best possible bond. If applying multiple colors for multiple routes in the same location, it works well to place the arrows in a linear pattern for optimum visibility. Take into account the potential speed of the cyclist when deciding how far back to begin placing the arrows for the turn, especially if the turn has no stop sign. Higher speed = longer lead distances.

- **Other considerations:**

One of the real benefits of the RouteArrow system is the self cleaning ability of the paper arrow which means no need to remove or "paint over" the arrows after use. RouteArrows should degrade to the point of invisibility within a few weeks, less time if they are subjected to moisture and or heavy traffic. If a permit is required for route marking of your event please inform the appropriate jurisdiction before you intend to apply the route arrows. Because the RouteArrows are "peel and stick" they are faster and easier than other route marking methods which reduces the exposure of the installer to potential traffic. Please discard all paper backing and roll ends in proper trash receptacles. If you have any other questions or concerns please email me at: Randall@routearrows.com. Thanks again and enjoy the ride!