

8. Level camera, using bubble level, and tighten necessary adjusting screws. Be sure you can still swivel the camera from side to side if needed.
9. When photographing vehicles, you can now just depress camera button when the vehicle hits the north or south cone marker, while using your eyes or spotting scope to check for other important data.

Using the field data recording sheets:

1. Always fill out the top of each sheet completely.
2. When using multiple sheets per session, always number them at the bottom in sequence.
3. If taking a break for any reason, always sign time out, and then sign back in on a fresh sheet.
4. For semi trucks or other potential hazmat vehicles, use the left 2/3rds of the form.
 - a. Photograph the complete vehicle, following directions below.
 - b. Record data for every single vehicle in this category, whether identified as hazmat or not.
 - c. Please record any fuel delivery trucks (propane, gas) or rental box trucks such as U-Haul, Budget, etc. (potential fireworks), like semis for the purpose of this study. Identify clearly in Note section.
 - d. Record direction of travel on 127, north or south, and on 178, if used.
 - e. Record type of trailer: box van, tanker, or flat bed.
 - f. If placarded, check in HM? Column and write down all placard colors and markings in Note section.
 - g. Note any other pertinent data, such as company name or logo, visibly empty, containing dumpsters or cargo boxes, unusual behavior, etc.
5. For all other vehicles, record data in right three columns by using the standard of a vertical mark for the first four vehicles and a diagonal slash across them for the fifth, in each category shown. Do not duplicate anything recorded in truck section.
 - a. Passenger vehicles include cars, vans, trucks and small utility trailers.
 - b. Cycle includes motorcycle. We are not including non-motorized vehicles.
 - c. Commercial vehicles includes any smaller vehicle not described above or otherwise identified as carrying hazmat cargo, which has a company name or logo.
 - d. Government includes Inyo county, Caltrans, BLM, all law enforcement, school buses, etc.
 - e. RV>30' includes all van-style, truck/trailer or fifth wheel combination camping rigs over 30 feet long in total. Please use your best judgment on this.
 - f. RV<30' includes all van-style, truck/trailer or fifth wheel combination camping rigs under 30 feet long in total.
6. When handing in field data sheets, each sheet must be numbered and signed by the data collection person. They must also be dated and initialed by the Project Manager, if different.

SR 127/178 HazMat Study Field Data Collection Instructions

Equipment needed:

- Clipboard kit, stocked with extra pens, data collection forms, interview forms, business cards, extra camera memory
- Trailer type ID sheet, Placard type ID sheet
- Spotting scope, HazMat Guide Book
- Camera, 12 volt power cords, large tripod or car-top tripod
- Sunscreen, water, meal and snacks
- Chair, (shade structure and weights?)
- 2 traffic cones

Site Setup:

1. Find the best spot in shade for car, chair and tripod. The camera power cord is short, so tripod will be immediately adjacent to the vehicle.
2. Set up traffic cones beside the road, but off of asphalt. Pace off so they are 60 feet apart. They need to be centered on your tripod position. One will be your mark for photographing north bound vehicles and one for south.
3. Set up camera and tripod as described below. Set up clipboard kit and other supplies within easy reach.

Photography Instructions:

1. Set up tripod, after deciding to place in position for using either seated or standing.
2. Extend length of legs to desired position, and lock all red tabs.
3. Spread legs apart fully, and tighten set screw on center shaft.
4. If standing, loosen round red knob at top of legs, raise tripod to correct eye height by rotating hand crank, and then tighten round red knob.
5. Attach camera to top screw. It may be necessary to hold down small button next to camera screw, to fully tighten camera to tripod platform.
6. Attach 12 volt extension cord to car cigarette lighter. Attach other end to camera DC IN receptacle on left side of camera body. Be sure there is as little tension as possible in the wires, as the tip has a loose fit. Make sure electricity is going to the camera. Cords have lights. You will also know if you are running on battery power instead of 'car' power, if the camera shuts off automatically.
7. Sight in camera on roadway and cones, using wide/telephoto adjuster to be sure you can see both cones in your viewing screen. Adjust focus by sighting in on something the correct distance away, and partially depressing the 'picture-taking' button. The camera will hold that focal length unless the button is depressed again.