**This AHA is provided as an example of content to consider during development of project-specific AHAs for like activities**

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| **Activity**:  Core drilling and/or saw cutting concrete or asphalt (wet method) following OSHA 1926.1153 |

| **HAZARDS** | | |
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| *JOB STEP* | *HAZARDS* | *ACTIONS TO ELIMINATE OR MINIMIZE*  *EACH HAZARD* |
| Set up machinery and work area | Risk of Injury to bystanders | Work area should be delineated off from un-authorized personnel and signs posted.  All personnel must use caution when in or around saw cutting areas.  Minimum-required PPE worn at all times. |
| Locate utilities | Risk of hitting underground utilities. | Ensure that a utility survey has been completed for all areas to be cored drilled and/or saw cut. |
| Tool use | Risks of injury from improper set up or operation. | All connections, mountings, guards, and controls on the equipment must be inspected prior to use.  All operators shall be trained on equipment use.  Minimum-required PPE worn at all times. Additional PPE may include face shield and hearing protection. |
| Electrocution | Use GFCI if using wet vac to clean up slurry. |
| Core drill into concrete | Respirable Crystalline Silica | Use engineering and work practice control methods for the equipment and task that follow 1926.1153, Table 1:  Use of integrated water delivery system that continuously feeds water to the blade.  Operate and maintain tool in accordance with manufacturer’s instructions to minimize dust emissions. |
| Saw cut concrete or asphalt with handheld saw | Respirable Crystalline Silica | Use engineering and work practice control methods for the equipment and task that follow 1926.1153, Table 1:  Use of integrated water delivery system that continuously feeds water to the blade.  Operate and maintain tool in accordance with manufacturer’s instructions to minimize dust emissions.  Respirators required for task if is indoors or greater than 4 hours outdoors. |
| Clean up | Electrocution | Use GFCI if using wet vac to clean up slurry |
| Risk of storm water pollution | Slurry shall not be allowed to reach or enter storm drains.  Storm drains that are below the work area, shall be protected. |
| Respirable Crystalline Silica | No dry sweeping |