

# Summary of Accidents in FY2024 (1st half)

Construction accidents due to inadequate safety management measures by prime contractors, excluding the Government Buildings Department and the Port and Airport Department

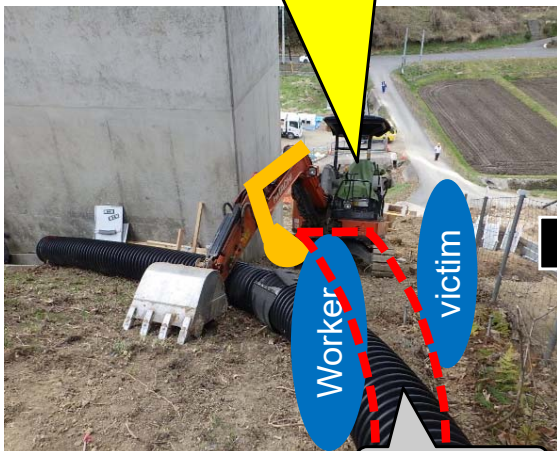
Type	Category	Cases	Overview
Occupational accidents	Falls and slips	Case 1	During channel repair work, the existing black pipe was being moved to the side by hand. The recoil of the black pipe pushed the workers back and they fell into the trench (Height = 700 mm).
		Case 2	During an emergency embankment weeding operation, the vehicle (2-ton dump truck) was stopped to check the work area. When the driver exited the vehicle, the side brake was not engaged, and the vehicle started moving, falling from the top end of the embankment with the driver onto a low water bank.
	Falls and slips	Case 3	During weeding along both sides of a channel to secure the channel section of a small embankment, a flying stone struck the right eye of a worker collecting weeds behind the brush-cutter operator (shoulder-mounted type), injuring the worker.
Occupational accidents	Falls and slips	Case 4	A backhoe was excavating to replace some muddy areas with good quality soil when it came in contact with a temporary water pipe (75 mm diameter) that had been temporarily relocated in the leased area, damaging the pipe.

## Accident overview

While moving an existing black pipe (400 mm diameter), which was an obstacle to a backhoe on a slope, the pipe became caught on the cabin of the backhoe; when the black pipe was lifted and removed from the backhoe, the recoil caused a worker to lose his balance and tumble down the slope, sustaining injuries. [1 person injured]

## Working conditions at the time of accident

The black pipe is caught in the cabin of the backhoe.

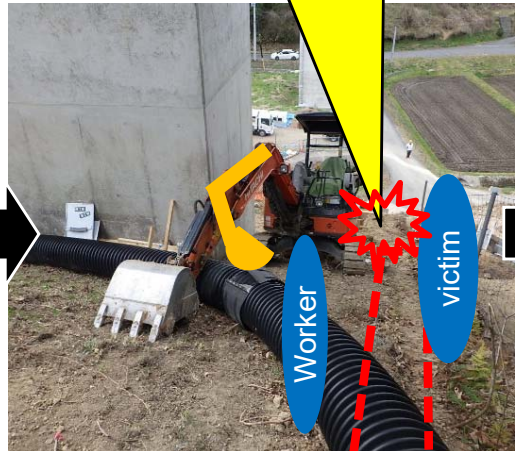


Black pipe

Lifting to remove the black pipe.



The bent black pipe is released and recoils.



The recoil of the bent pipe caused a worker to lose his balance and tumble down the slope.

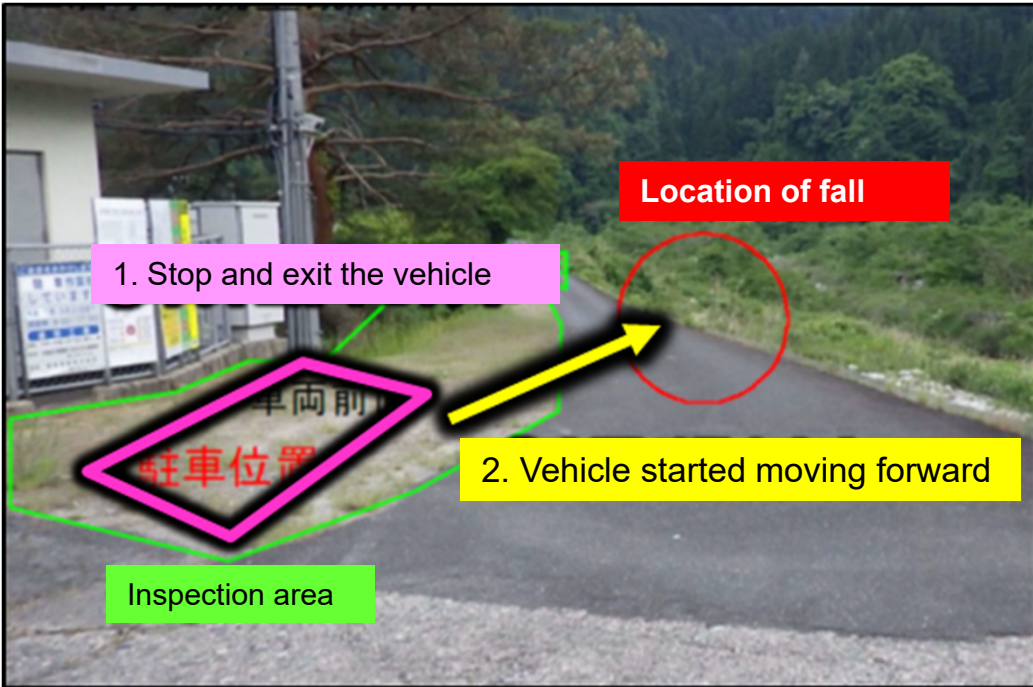
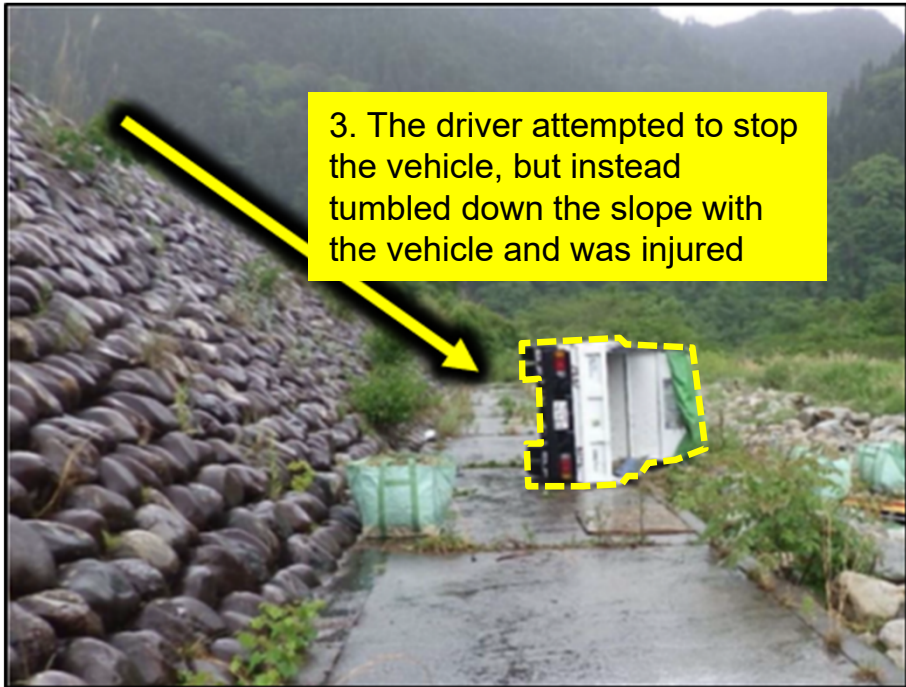


## Cause of accident

- The prime contractor instructed the subcontractor to excavate up to a point where the black pipe would not affect the excavation; however, the subcontractor excavated further to where the black pipe did affect the excavation.
- The work was on a slope with a high risk of falls, but safety instruction and safeguards were lacking.

## Contractor's preventive measures

- In the event of a change in the original work plan, the subcontractor shall report to the prime contractor and ask for instructions.
- If conditions change during the work, the subcontractor shall report to the prime contractor, who will determine the measures to be taken and give instructions to the subcontractor.
- The cause of the accident and countermeasures will be communicated and implemented during a safety meeting for the entire cooperative association.
- A fixed barrier and mobile safety net will be installed on the slope.
- Although it is a safe slope, a safety line will be installed on the slope and workers will use a safety belt.
- A stairway will be installed to provide safe passage.

Accident overview	When the driver stopped and exited the vehicle (two-ton dump truck) to check the work area, the side brake was not engaged and the vehicle started moving. [1 person injured]		
Accident incident			
 <p>The diagram shows a road scene with a two-ton dump truck. A pink box labeled "1. Stop and exit the vehicle" points to the truck. A yellow box labeled "2. Vehicle started moving forward" points to the truck's path. A red circle labeled "Location of fall" is on the road. A green box labeled "Inspection area" is on the left. Japanese text "車両前" (Vehicle front) and "駐車位置" (Parking position) are visible on the road.</p>		 <p>The photo shows a two-ton dump truck overturned on a steep, rocky slope. A yellow box labeled "3. The driver attempted to stop the vehicle, but instead tumbled down the slope with the vehicle and was injured" points to the truck.</p>	
Cause of accident	<div><div>- The driver exited the vehicle without engaging the side brake.</div><div>Contractor's preventive measures</div><div><div>- Ensure that all drivers are reminded to use the side brake when parking and stopping their vehicles.</div><div>- Post a sign inside the vehicle stating that the side brake must be used.</div></div></div>		

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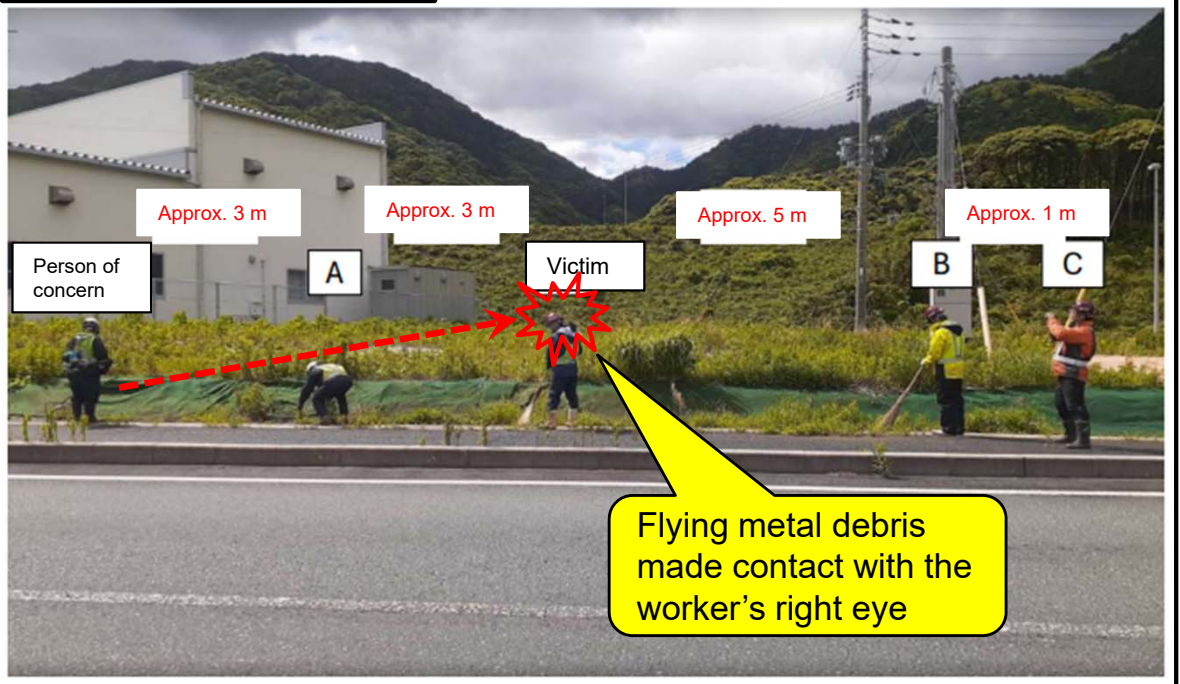


<b>Accident overview</b>	While weeding and removing branches from both sides of a small embankment on a channel, a foreign object struck the right eye of a worker collecting weeds behind a brush-cutter, injuring the worker.
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**Working conditions immediately prior to the accident**



**Reproduction of accident occurrence**

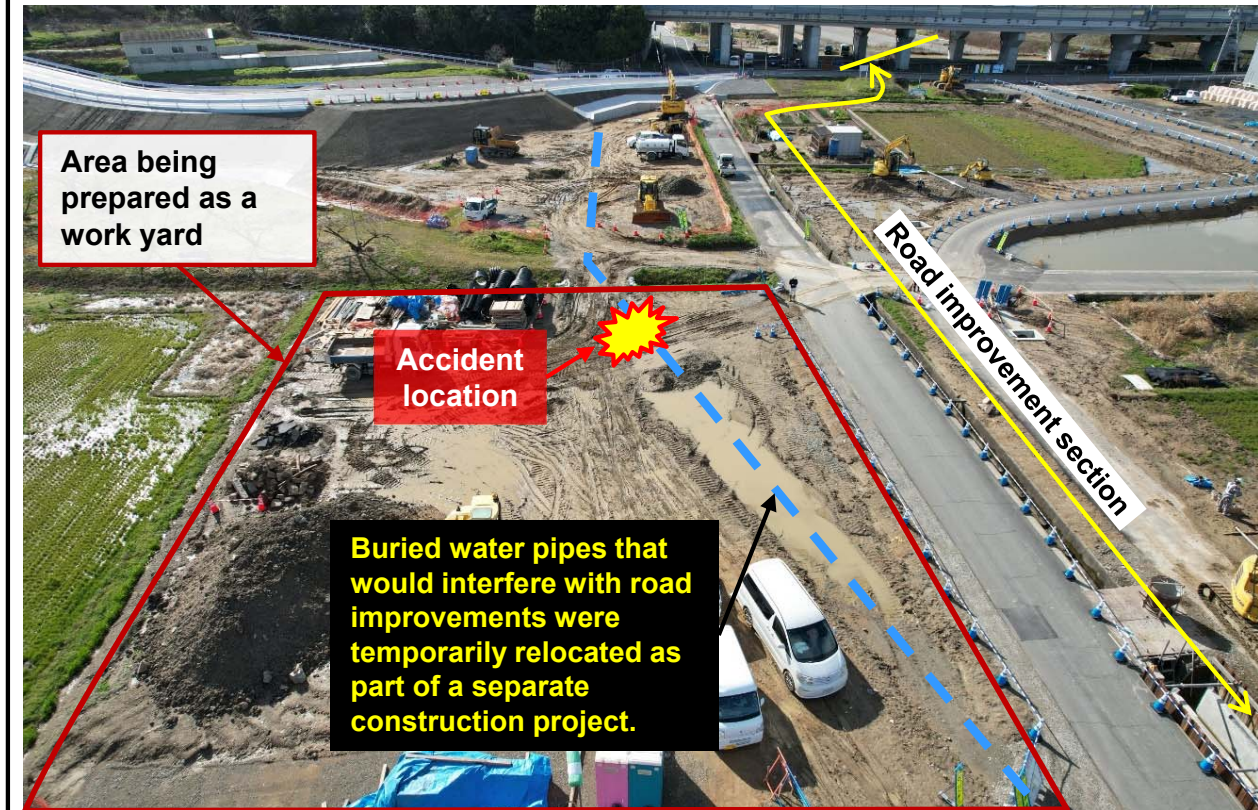


<b>Cause of accident</b>	① There was no awareness of the danger of flying rocks and other hazards to the weed collectors.	<b>Contractor's preventive measures</b>	① Recognize the danger of flying rocks and other hazards to weed collectors.
	② Weed collectors were not wearing protective goggles.		- Revise the operational plan - Revise the work procedures - Re-education of workers ② All workers engaged in work using brush-cutters should wear protective goggles.



**Accident overview** A backhoe was excavating to replace some muddy areas with good quality soil when it struck a temporary water pipe in the leased land, damaging the pipe. **[Temporary water pipe damage]**

Accident incident



<b>Cause of accident</b>	The presence of the buried temporary water pipe was known. However, the heavy equipment operator (the prime contractor's work foreman) independently decided to fix the muddy area and performed unauthorized excavation work.	<b>Contractor's preventive measures</b>	<ul style="list-style-type: none"><li>- Ensure that no work is performed that is not part of the work instructions.</li><li>- If work instructions need to be changed, contact the site representative, prepare a revised work order, and resume work only after conducting hazard prediction activities and meetings.</li><li>- The type and depth of buried objects should be clearly indicated at the site of the buried object to ensure its presence is known to all workers.</li></ul>
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