

# Road Damage Detection Challenge Cup

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# Road Damage Types

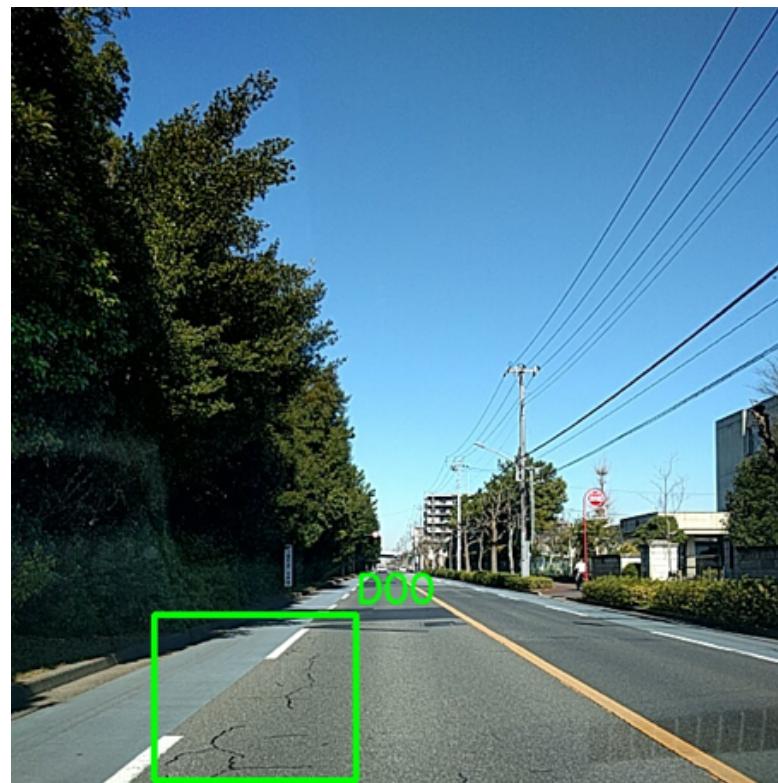
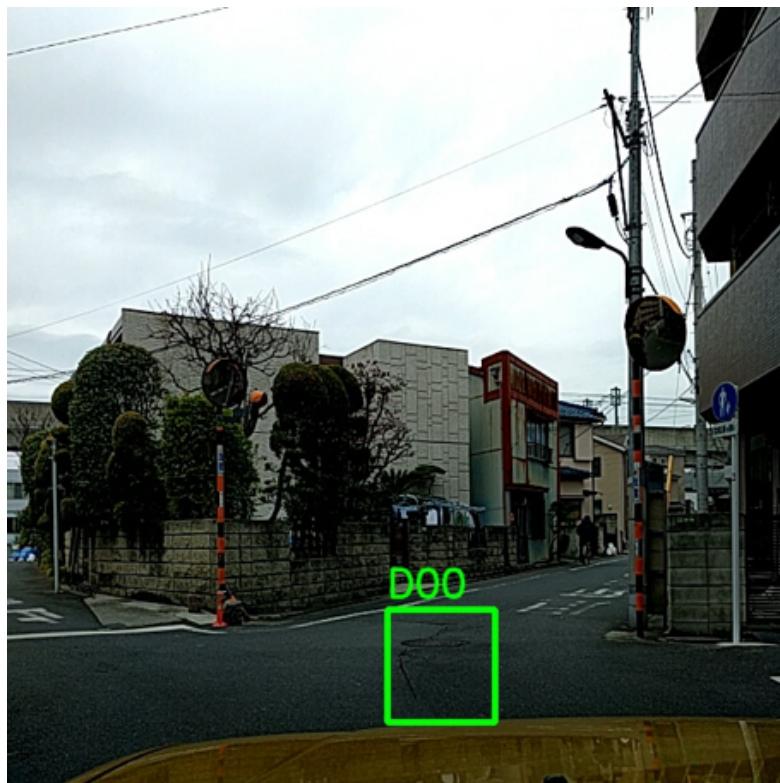
Table 1: Road damage types in our dataset and their definitions.

Damage Type		Detail	Class Name
Crack	Linear Crack	Longitudinal	Wheel mark part
			Construction joint part
	Alligator Crack	Lateral	Equal interval
			Construction joint part
	Alligator Crack	Partial pavement, overall pavement	
Other Corruption		Rutting, bump, pothole, separation	D40
		Cross walk blur	D43
		White line blur	D44

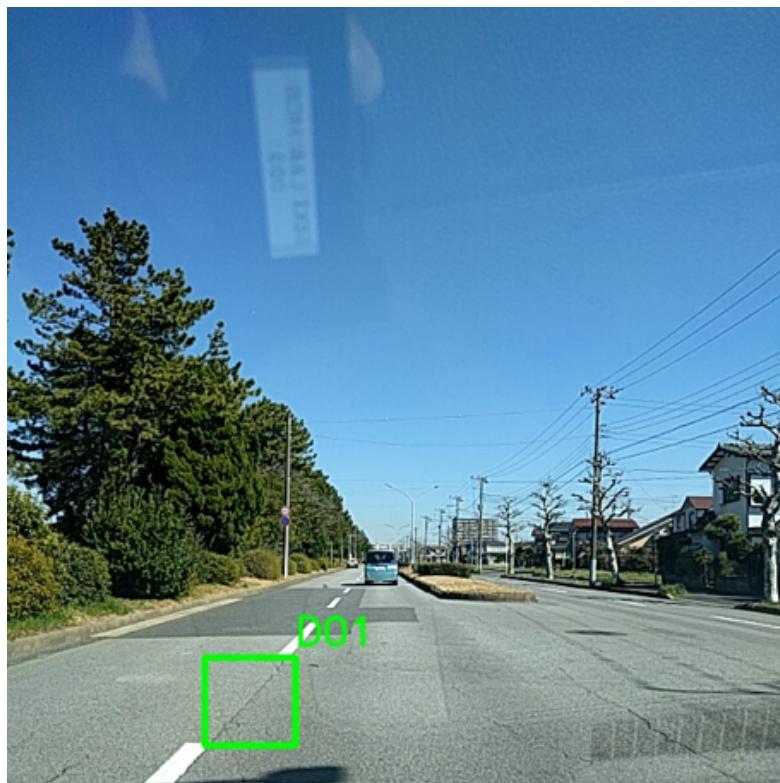
*Source:* Road Maintenance and Repair Guidebook 2013 JRA (2013) in Japan.

*Note:* In reality, rutting, bump, pothole, and separation are different types of road damage, but it was difficult to distinguish these four types using images. Therefore, they were classified as one class, viz., D40.

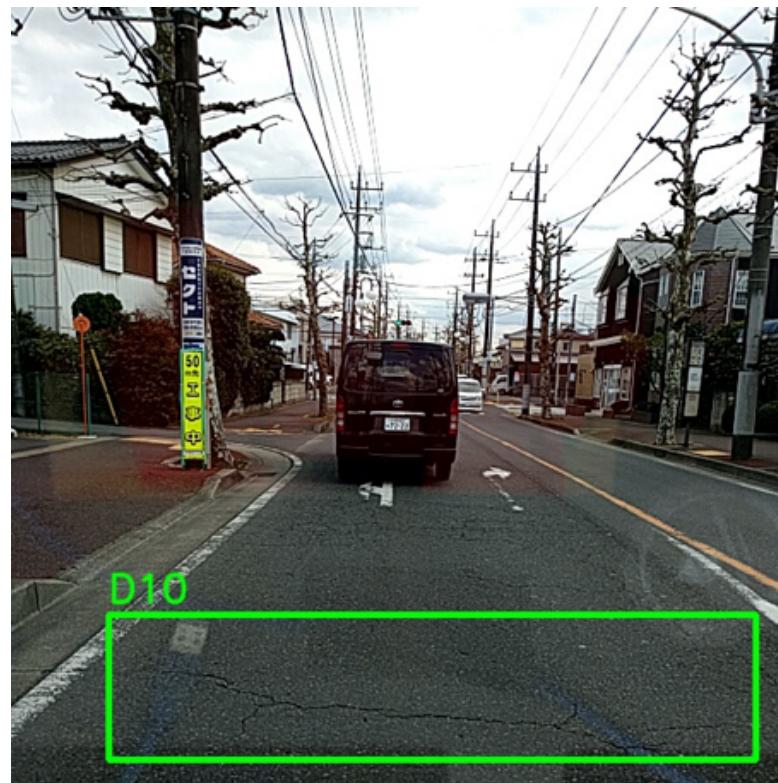
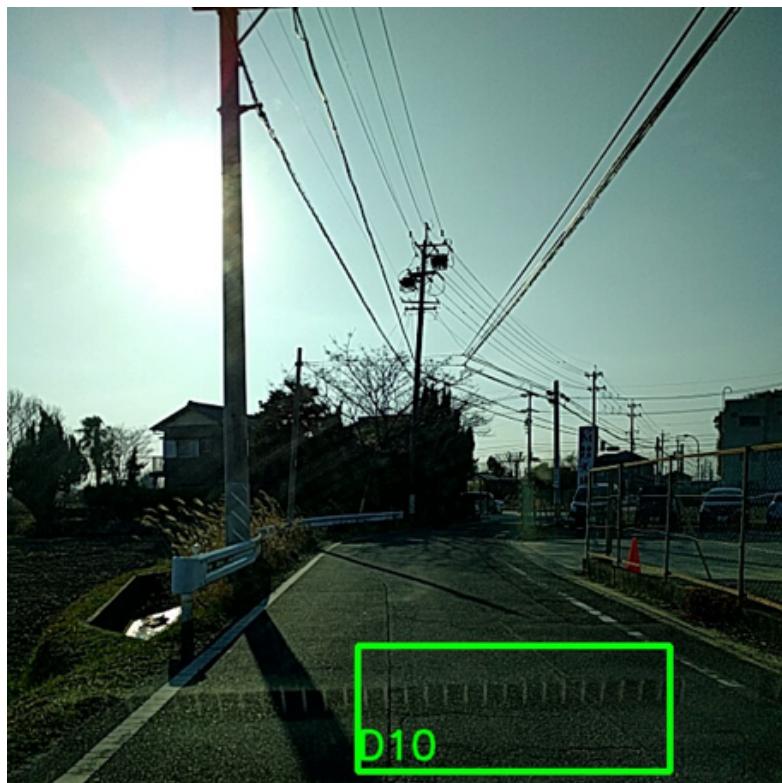
D00



D01



D10



D11

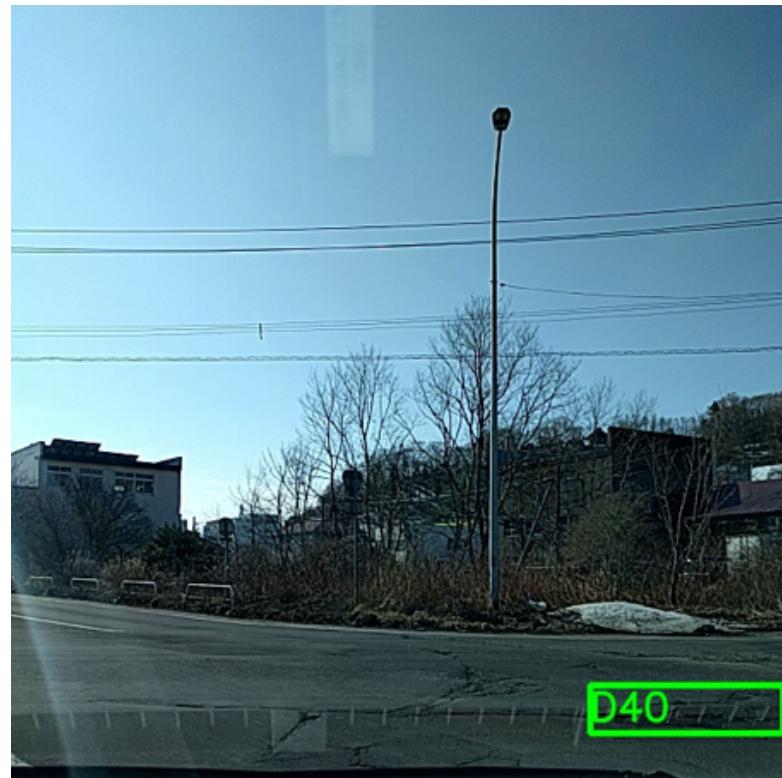


D20



D40

Bump



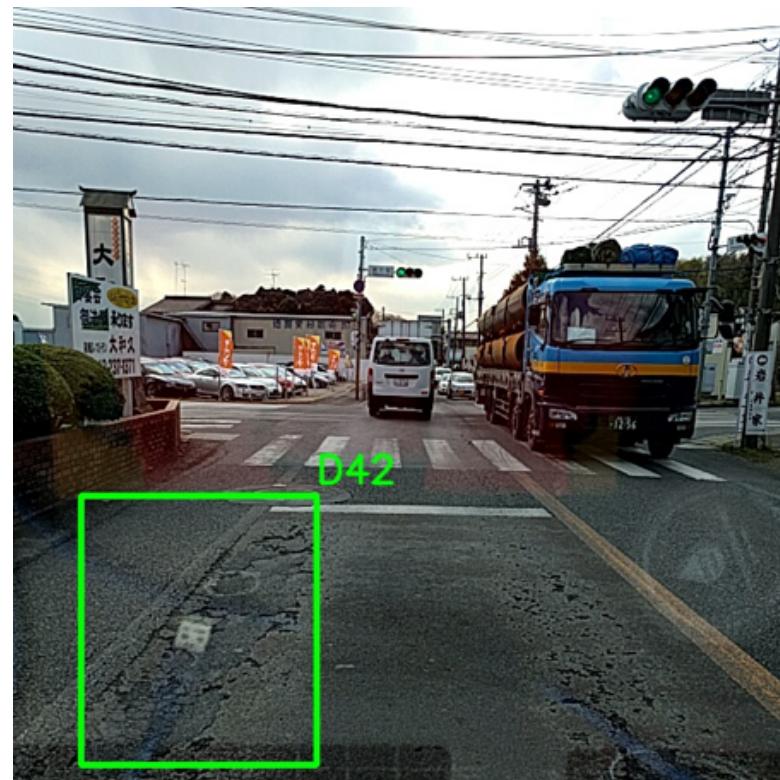
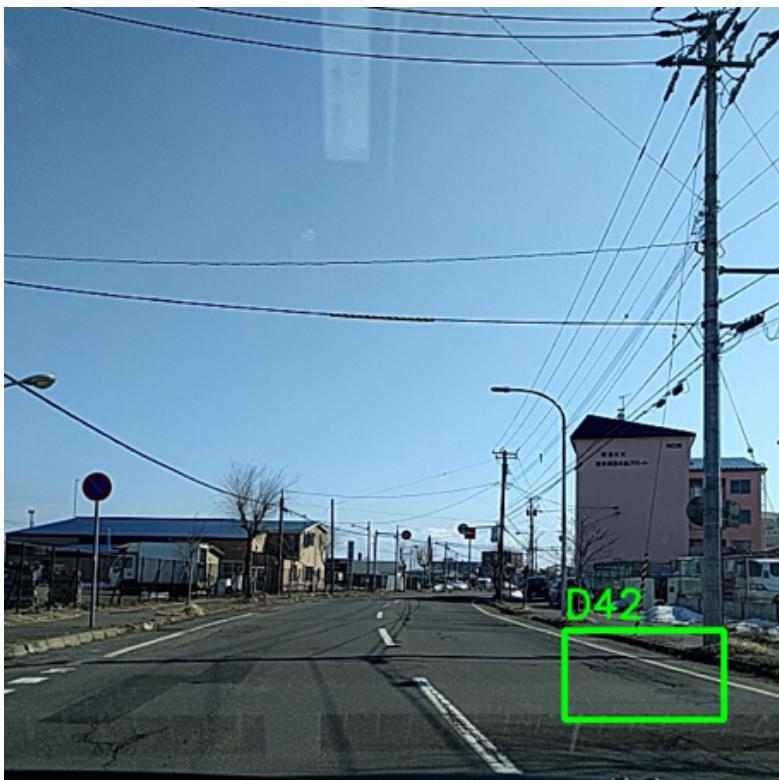
D40

Potholes

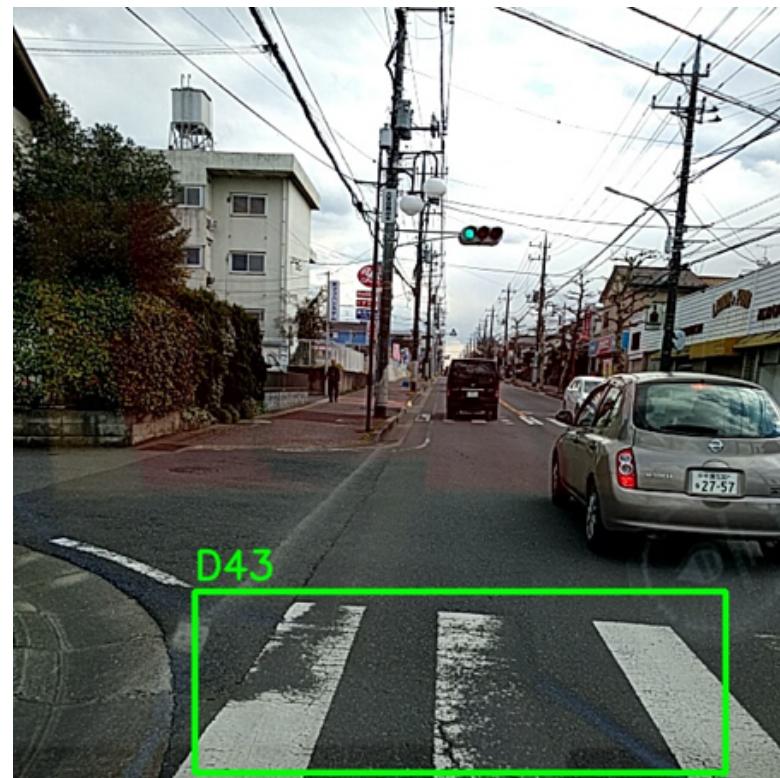


# D40

Separation



D43



D44

