

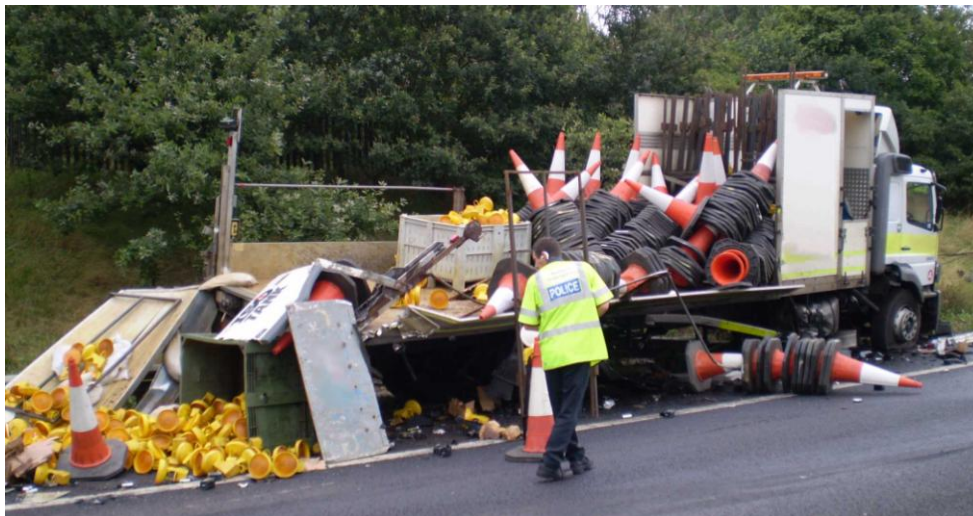
Paul Mitchell

UK Highways Agency

Category of people	Number of people	Average fatalities per year	Fatality rate
Road workers	2,000	2	1 in 1,000
Road construction	15,000	1	1 in 15,000
Road users (all roads)	30,000,000	1,850	1 in 16,000
Road users (HA roads)	8,000,000	248	1 in 32,000



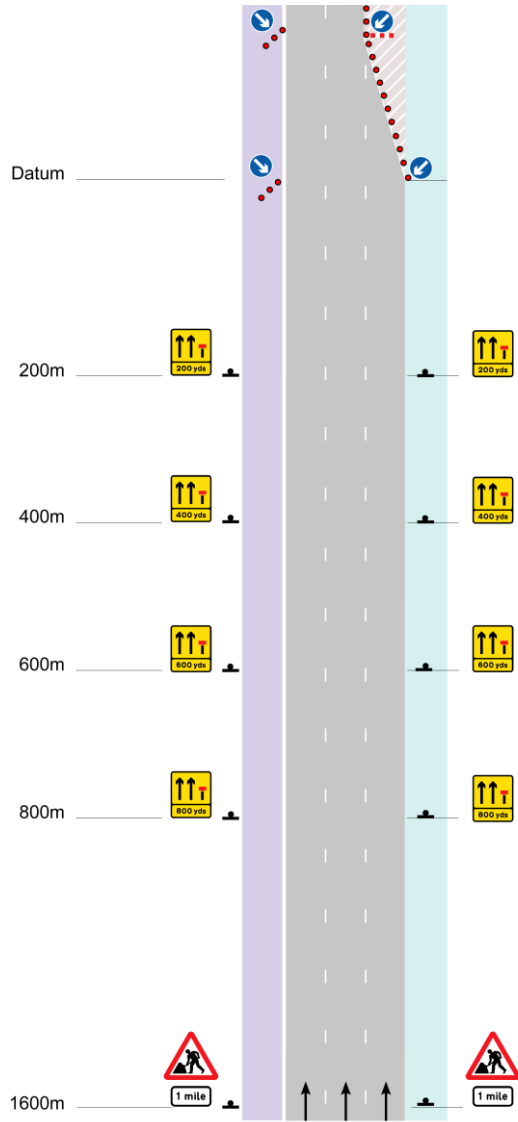
RISK ELIMINATION – RISK REDUCTION – RISK CONTROL



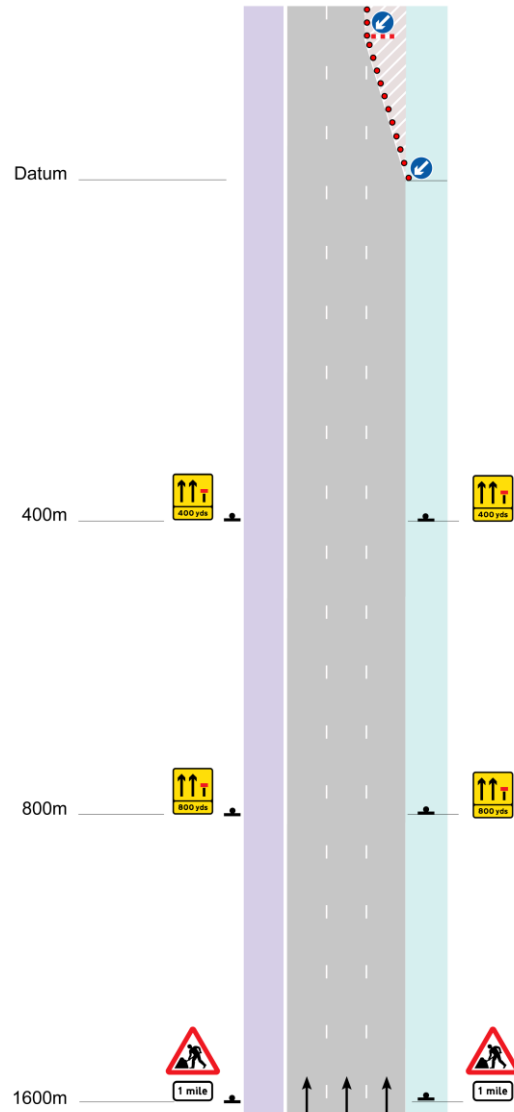
RISK ELIMINATION: ROADSIDE SIGNING



RISK REDUCTION: SIGN SIMPLIFICATION



14 warning signs



8 warning signs

19% reduction
in worker risk

40% reduction
in carriageway
crossings

No change in
road user risk
seen in trials

RISK CONTROL: PROVIDE BETTER WARNING



BALANCING RISK FOR ALL ROAD USERS

ON-ROAD
TRIALS



EVIDENCE
FOR
CHANGE



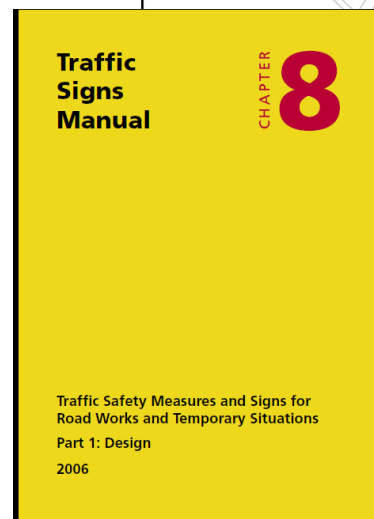
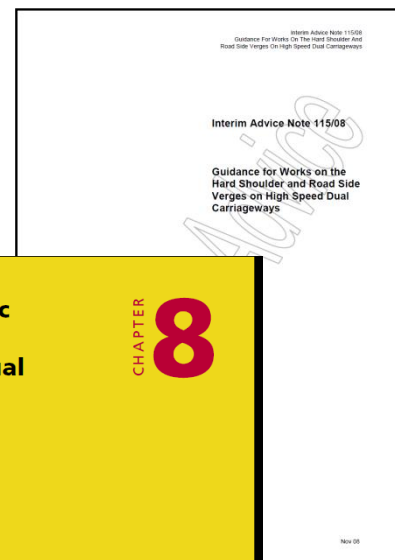
CONSULT
WITH
USERS



CHANGE TO
GUIDANCE



Road Workers' Safety
Forum (RoWSaF) -
Technical Project Board



Road user / road worker risk change must be balanced