

Notes:

1. All dimensions are in millimetres.
2. The retroreflective materials of the reflective jacket and trousers to be worn by person carrying out expressway works shall conform to ISO 20471:2013 unless stated otherwise in Notes 3-8 below.
3. Colours:-
 - (a) background material - fluorescent orange red
 - (b) retroreflective material - fluorescent yellow
[the min. coefficient of retroreflection of this material measured at an observation angle of 12 ° and entrance angle of 5 ° shall not be less than 330 cd/(lx·m²)]
4. Sizes & dimensions:-
 - (a) jacket min. overall length: 740mm
 - (b) trousers min. full length: 1000mm
 - (c) ID holder: 95x65mm (clear plastic portion)
 - (d) company name patch at the back: 150x70mm (both in Chinese and English shall be displayed)
 - (e) company logo at front: 50-60mm SQ.(Optional)
 - (f) construction Industry logo at front (WxH): 45x48mm
 - (g) min. area of background material of jacket: 0.64m SQ.
5. Edge binding if any shall not exceed 10mm wide, or else, it shall be made of retroreflective material with min. coefficient of retroreflection as in 3(b) above.
6. Features (jacket):-
 - (a) outershell: soft touch PU coated polyester
 - (b) lining: 100% polyester mesh
 - (c) contoured collar with concealed hood
 - (d) 2-way zip fastener
 - (e) full length press stud storm flap
 - (f) elasticated storm cuffs (with half elastic band and half Velcro)
 - (g) 2 external press stud hip pockets (with folded sides and sew by double-line at edges)
 - (h) 1 map pocket (min. size 250x220mm)
 - (i) 1 internal zip pocket (min. size 160x180mm)
 - (j) water penetration resistance (Wp) of background materials shall be class 3 (Section 4.2 of BS EN 343: 2003•A1:2007)
 - (k) water vapour resistance of background materials shall be Ret ≤ 20 i.e. class 3 (Section 4.3 of BS EN 343: 2003•A1:2007)
7. Features (trousers):-
 - (a) outershell: soft touch PU coated polyester
 - (b) lining: 100% polyester mesh
 - (c) 35mm wide elasticated waistband, threaded with elasticated drawcord & stopper for fastening at inner face
 - (d) 2 side pockets with Velcro flaps
8. Garment sealing tape or patch shall be used to waterproof seams and shall comply with the following:-

characteristics	requirement	test method
initial	no leakage	FED-STD-191A 5516:1978 at 5 psi for 5 minutes
after 10 washes	no leakage	washing procedure:AATCC 135:2004

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**LONG SLEEVE REFLECTIVE
JACKET AND TROUSERS
(SHEET 3 OF 3)**

HIGHWAYS DEPARTMENT

REFERENCE	DRAWING No.	CAD
SCALE N.T.S.	H 6175	