

Severn Bridge (M48 J1-2)

Crossing closed to all traffic when winds exceed 40 knots - Implementing closures

- a. Set VSS to show full closure
- b. TOs shall close cone the slip road and resume.
 - From J2 TOs have exemption to travel back across the M48 Bridge.
 - If deemed unsafe alternative routes can be used once discussed with the Duty TM.
- c. If using the M48 Westbound Southwest Trunk Road Agent (SWTRA) /Traffic Wales shall be informed
- d. If TOs identify an incident, make the scene safe and inform the ROC.
 - Wait until appropriate support arrives.

Opening of crossing – winds below 40 knots

- a. Deploy a TO to complete a check of the carriageway for obstructions prior to re-opening.
- b. 22:00 – 06:00 – TTM shall keep J1 closure in place,
 - check the 'A' Carriageway and where possible, check the opposite carriageway
 - once VSS have been adjusted remove the closure at J2
 - consider a RRB on the Eastbound carriageway to confirm no obstructions or debris.
 - remove the TTM at J1, informing the ROC once resumed from scene
- c. 06:00 – 22:00 – A TO or TM will be tasked to do a check of the carriageway for obstructions prior to re-opening.
 - A TOV to be at J1 access slip ready to open
- d. 09:30 – 22:00 – A TOV to be at J2 access slip ready to open.

Wind speed	Action required
Winds have reached 30 knots	<ol style="list-style-type: none">1. Invoke the action plan Southwest M48 Bridge – Gusts above 34_6mph (40 Matrix)2. Set Action Plan Southwest M48 – 40MPH Speed Restrictions3. If gusts are likely to exceed 40 knots within the next hour, contact weather service provider for weather update.
Winds have reached 35 knots	<ol style="list-style-type: none">1. Update the incident log and Southwest M48 Gusts above 40_3mph (Leeward Lanes)2. Set signal Southwest M48 Leeward Lane Closure –<ol style="list-style-type: none">1. Selecting either Downstream or Upstream

	<ol style="list-style-type: none"> 3. Contact weather service provider for update.
<p>Winds likely to reach 40 knots in next hour</p>	<ol style="list-style-type: none"> 1. If between 06:00 - 22:00 hrs. update incident log and Invoke Action Plan Southwest M48 Bridge – Gust Forecast above 46_1mph (Up and Over) 2. Advise the contractor to close main Westbound J1 carriageway and implement A403 closure and install “up and over” closure at J1 Westbound 3. Advise Traffic Wales/SWTRA to close Eastbound J2 carriageway and to install “up and over” closure at J2 Eastbound 4. Once the contractor is on scene, implement signal plan Southwest M48 Bridge – Provisional Closure – Restricted Traffic (Slips Open) 5. Inform: <ol style="list-style-type: none"> 1. Duty OM and TMs 2. All contractors working on the bridge 3. NTIC 4. NILO 5. Press officer 6. Gwent Police 7. Avon and Somerset Police 8. Emergency services. 6. Social media channels
<p>Winds in excess of 40 knots</p>	<ol style="list-style-type: none"> 1. Update the log and invoke M48 Bridge – Gust Exceeds 46_1mph (Close bridge) 2. Deploy a TO to place chapter 8 cones and signage across J1, M48 Westbound entry slip, followed by J2, M48 eastbound entry slip. 3. Contact weather service provider for weather update 4. Set Southwest M48 – Bridge closed message plan 5. Set Southwest 010 M48 Bridge Closed (High Winds) message plan