

Marlesford and Little Glemham – A12 Traffic Concerns Resulting from EDF’s Proposals for Sizewell C

The Problem:

EDF has committed to a Two Village Bypass for Farnham and Stratford St Andrew but will not fund the bypassing of Marlesford and Little Glemham. The currently unimproved stretch of the A12 between the end of the Wickham Market bypass and Parkgate Farm Stratford will have to accommodate EDF’s primarily road-led freight transport strategy (the so-called integrated strategy). EDF estimates that 60% of construction materials will be arriving at the main construction site by road. 85% of HGV deliveries will use the A12 from the south. At peak construction (busiest day), that equates to 969 HGV movements per day through Marlesford and Little Glemham. There are anticipated to be 200 bus movements per day from the Hacheston Southern Park and Ride, plus additional LGVs and private cars. Probably an additional 1,500 vehicle movements per day or an additional vehicle movement every 40 seconds of a 06.00- 22.00hr day. This does not take into account Scottish Power Renewables traffic and the congestion caused by abnormal indivisible loads (AILs). We predict that an already congested stretch of the A12 through Marlesford and Little Glemham will become difficult and dangerous for businesses located in the two villages, local residents, pedestrians and cyclists. A consequence of the difficulties may well be delays to emergency services vehicles. The table below lists the main highways issues and where possible, the mitigation to address the problem.

Item	Issue	Concern	Potential Mitigation	Action
1.	A12 approach to Marlesford from South west	Traffic regularly exceeds the 40mph speed limit approaching the Marlesford Road/A12 junction making it dangerous for traffic joining the A12.	<ol style="list-style-type: none"> 1. Speed cameras 2. Change to 30mph speed limit through the two villages. 3. Road surface change at start of current 40mph zone. 	
2.	Local roads joining the A12: <ul style="list-style-type: none"> • Marlesford Road, Marlesford • Campsea Ashe Road, Marlesford • Bell Lane, Marlesford • Button’s Avenue, Lt Glemham • Blaxhall junction, Lt Glemham • Keeper’s Lane, LittleGlemham 	Traffic (including cyclists) turning across the flow and joining the flow on the opposite side of the road eg turning right out of Marlesford Road to head south on the A12. This can be time consuming now and is a concern when additional traffic is using the road (particularly difficult if HGVs are “platooning”). NB Situation at Button’s Avenue accentuated by HGV traffic	Junction improvements (including traffic lights) and measures to slow traffic. Button’s Avenue/A12 junction to be widened?	

		<p>serving green waste plant and Parham airfield industrial estate.</p> <p>Farm vehicles already have difficulties accessing the A12 from side roads, particularly if they are having to cross the traffic.</p>		
3.	<p>Local businesses joining the A12, eg:</p> <ul style="list-style-type: none"> • Marlesford Farm Café and Shop • The Mill Antiques Centre • Does • Marlesford Farms 	As above.	?	
4.	Residents joining the A12.	As above	?	
5.	Pedestrian and Cycle Safety	<ul style="list-style-type: none"> • There are current difficulties in crossing the A12 in Marlesford to reach Marlesford Farm Café and Shop and the southbound bus-stop. Particularly difficult for the elderly, disabled and visually impaired. • Inadequate pedestrian and cycle facilities on the A12 between Marlesford and Wickham Market. 	<ul style="list-style-type: none"> • Creation of safe crossing area. • A footpath and cycleway is required from the Bell Lane/A12 junction on the north side of the A12 up to the Fiveways Roundabout. 	
6.	Pedestrian Safety	Lion at Lt Glemham?		
7.	Noise	Impact of increased traffic noise on residents adjacent to A12.	<ol style="list-style-type: none"> 1. “Quiet” road surfacing through the two villages 2. Double glazing to aspect of dwellings facing A12 3. Use of electric buses at Southern Park and Ride 	

8.	Air Quality	Increased traffic will potentially raise level of polluting gases (CO ₂ , CO, NO _x and particulates). This could affect residents and businesses adjacent to the A12.	<ol style="list-style-type: none"> 1. Euro VI HGVs or better 2. Electric buses 	
9	Vibration	Increased traffic (particularly HGVs and buses) will potentially raise levels of vibration and could cause structural damage to properties adjacent to the A12.	<ol style="list-style-type: none"> 1. Structural surveys prior to SZC start to assess current condition 2. Compensation for structural damage. <p>NB We will require baseline surveys of the current situation on noise, AQ and vibration surveys prior to SZC start. In the case of vibration, structural surveys will be called for.</p>	
General Issues				
10.	Rat Running	Traffic using the single lane roads around Marlesford and Little Glemham to avoid congestion on A12	Investigate what can be done to amend Sat Nav programmes.	

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