

FREQUENTLY ASKED QUESTIONS

Question Has a Contract been signed or has a Contractor been appointed for the scheme

Answer A Contract was signed between the NRA (The Authority) and N11 Arklow Rathnew PPP Ltd. (comprising BAM PPP and PGGM Infrastructure Coöperatie) on 30 April 2013. Bam Construction is the Contractor for the Works.

Question How soon after Contract signing will works commence

Answer Works have already commenced behind the hoarding on the south side of the existing dual carriageway in preparation for the construction of a temporary diversion of traffic which in turn will facilitate the construction of the new fly-over. It is anticipated that this temporary diversion will become operational in early September 2013.

Question How long will it take to complete the Works?

Answer The Contractor has 21 months to complete the works from commencement date.

Question Where will the Contractor locate his site offices and compound?

Answer The Contractors site office and compound is located adjacent the Red Cow Luas Depot. The Contractor has a smaller compound on the south side of the dual carriageway opposite Joel's Restaurant.

Question What are the extents of the site?

Answer The site and the extents of site (or the Lands Made Available (LMA) to the Contractor) are set out in Fig 1.1 and 1.2 respectively, in Chapter 01 – under '*Related Documents*' attached. The site is contained within the broken blue lines except for temporary traffic management which may extend beyond these limits.

Question Where will the Contractor's employees park during the construction stage?

Answer Car parking will be provided for construction staff by the Contractor on site to prevent parking on the surrounding road network.

Question Will SDCC enforce existing parking restrictions in adjacent housing estate roads?

Answer Imposition of parking restrictions is a matter for An Garda Síochána, not the Local Authority.

Question Will SDCC ensure that the existing parking restrictions in local resident estates are made clear e.g. making good old markings and signs?

Answer Road markings and signs outside the extents of the site are a matter for SDCC Maintenance and will be maintained in accordance with their county-wide programme of works which is dependant on needs and available funding. Local estates will not be impacted by site traffic or diverted traffic as part of the proposed works. Road markings and signs

within the 'Site' are a matter for the PPP Contractor in consultation with Kildare County Council and South Dublin County Council as Roads Authority for the site.

Question Will SDCC increase frequency of street cleaning during the construction stage?

Answer Street cleaning within local estates is a matter for South Dublin County Council's Maintenance Dept and will be maintained in accordance with their county-wide programme of works which is dependant on needs and available funding. It is a requirement of the Contract that the proposed PPP Contractor is responsible for keeping the public areas of the site free from building material and site rubbish.

Question What measures will be put in place to prevent entry into local properties and to ensure security of gardens and property is not compromised?

Answer There is no requirement for the PPP Contractor to enhance the security of any private property unless of course if he compromises this security in the first place whereby he will be responsible for its reinstatement back to its original condition

Question How will construction noise be dealt with in the Contract?

Answer The Contractor will be obliged to employ best practice to minimise noise. Plant used in the works shall be of the quietest type practical for carrying out the Works and shall be maintained in good condition with regard to minimising noise output as defined in the approved EIS. The Contract requires that plant shall be operated and maintained in accordance with the manufacturer's recommendations including the use and maintenance of any specific noise reduction measures. Compressors shall be 'sound reduced' models fitted with properly lined sealed acoustic covers which will be kept closed whenever machines are in use and all ancillary pneumatic percussive tools shall be fitted with mufflers or silencers of the type recommended by the manufacturers. Pumps and static mechanical plant shall be enclosed by acoustic sheds or screens. Machines in intermittent use shall be shut down when not in use or throttled down to a minimum. All necessary measures shall be employed including the use of mufflers on pneumatic tools, the use of effective exhaust silencers, the use of non-reciprocating plant and the use where practical, of effective sound reducing enclosures to ensure all plant used in connection with the Works operates with the minimum of noise. Plant, considered by the Authority, not to comply with the foregoing shall be removed from site. Rock breaking operations are restricted to 0800 to 1800 Mon to Fri when being carried out within 300m of noise sensitive receptors.

Regular weekly levels of construction noise will be monitored by the PPP Company at Control Stations throughout the construction stage. Control stations will be located at all building structures as required by the Authority. The locations of the Control Stations will be outside the Works. Details of the controls station locations are subject to the

approval of the Authority. Control stations will be provided at the following locations as a minimum, Adjacent No. 5 and No 33 Newlands Road, the Renault Garage and north of Mooreen House. The results will be submitted to the Authority's rep within 3 days of the taking of any measurements.

Question Within the Contract Documentation what are the requirements for air quality (dust) monitoring during the construction phase?

Answer The PPP company will be responsible for taking all necessary steps to control dust caused by construction traffic to the Approval of the NRA which shall include measures such as wetting haul roads and storage areas, covering or dousing of any dry imported or excavated material, reducing the duration for stockpiling of fill materials and the introduction of a wheel wash for construction traffic. Furthermore they will be obliged to outline on their method statements (which require the approval of the South Dublin and Kildare County Councils as the Roads Authority) on how they propose to deal with mud and dust on public roads.

Question Within the Contract Documentation what are the compliance levels for noise during the construction stage?

Answer For compliance levels for noise, please refer to Table below. These are maximum permissible levels. These noise levels shall only be permitted outside normal working hours in exceptional circumstances and only with Authority's written approval. These limits may be exceeded on the written approval of the Authority in exceptional circumstances and conditional on the PPP Company demonstrating that it will take all reasonable measures to mitigate noise nuisance.

Construction Noise Limits for Newlands Cross Upgrade

Period	Hours	Highest Permissible Construction Noise Level in terms of:	
		$L_{Aeq(1hr)}$	L_{Amax}
Monday to Friday	07:00- 19:00 (Day)	70	80
	19:00 – 22:00 (Evening)	60	65
Saturday	08:00- 16:30 (Day)	65	75
	16:30 – 22:00 (Evening)	55	60
Sunday & Bank Holidays	08:00- 16:30 (Day)	60	65
	16:30 – 22:00 (Evening)	50	55
Note:	<ol style="list-style-type: none"> $L_{Aeq(1hr)}$ Equivalent average sound level over a 1 hour period. L_{Amax}. The instantaneous maximum sound level measured during a 1 hour period. When seeking approval from the Authority's Representative for night time working, the PPP company shall agree to restrict noise levels and durations to within the lowest of the limits set out above 		

- Question Within the Contract Documentation what are the compliance levels for air quality (dust) during the construction stage?
Answer Control of dust shall be to the satisfaction of the Authority's Representative
- Question What are the permitted working hours during the construction stage?
Answer Normal working hours on site shall be 0700 to 1900 Mon to Fri and 0800 to 1630 on Sat. Works other than the pumping of excavations, security and emergency works will not normally be permitted at night, Sundays and public holidays. In exceptional situations and only with the Authority's approval following consultation, works may be carried out outside of these hours
- Question What measures will be constructed re landscaping and where will trees/plants be located?
Answer The landscape design is a matter for the PPP Contractor to develop (once a Contract is awarded) in compliance with the parameters laid down in the Contract and subject to the approval of the Authority (The NRA). These details will be made known once the Contractor has completed his detailed landscaping design.
- Question How will the flyover be achieved and what will be the height of the finished road level (centre line of the new N7) above existing road level (centre line?)
Answer The proposed Works will consist of an overpass whereby the N7 mainline will pass over the local R113 Belgard/Fonthill Road. The ramps will be elevated to a max height of 9m approx above existing road level at the centre of Newlands Cross (approx) and the roads will ramp downwards in both directions along the N7 from this point. Refer Figures 1.3 and 1.4 in Chapter 01 – under '*Related Documents*' for artist's impression of proposed Works
- Question What will be the height of the noise barrier on the N7 mainline
Answer The noise barrier will be 1.8m (6ft) above finished road level on the mainline
- Question What will the noise barrier be made of?
Answer The final design of the noise barrier has not been decided yet. The PPP Contractor will design the noise barrier and submit material types to the NRA for approval. The barrier will be opaque.
- Question Will Condition Surveys be carried out and by whom?
Answer The PPP Co is obliged to engage an independent consultant to undertake a property Condition Survey on all buildings and structures that the PPP Co shall consider appropriate relative to their proximity to the Works and in any case within a minimum of 50m from the extents of the Lands Made Available to the Contractor (ie the site).
- Question Will the property owner be provided with the Pre-works and Post-works Condition Surveys?

- Answer Yes and within 4 weeks of completing each survey
- Question Will measures be implemented to prevent light from public lighting spilling into adjacent residential properties?
- Answer All public lighting lamps will be designed to minimise light spill to residential properties in the immediate vicinity
- Question Will there be much disruption to traffic during the Works especially on the N7 Mainline, Belgard and Fonthill Roads?
- Answer As in all road schemes, there will be some disruption to all forms of movement (vehicular and pedestrian) in the vicinity of the Works while the Works are ongoing but this will be minimised Traffic will be diverted locally away from the works area to provide the same number of lanes and the same turning facilities as currently exists. Traffic Management is a matter to be designed by the PPP contractor in consultation with the emergency services and the Gardai and to the approval of the Roads Authority for this scheme ie South Dublin & Kildare County Council.
- Question What will be the benefits to local residents and commuters post works.
- Answer Post works, traffic congestion at Newlands Cross and its environs will be reduced and pedestrian, bus and bicycle movements will be enhanced as will all other vehicular movements. Provision will also be made for the Metro West Furthermore, noise and exhaust pollution from vehicular traffic will be reduced due to the free-flow nature of traffic on the N7 mainline and the reduction in the current standing traffic waiting at the traffic signals at the junction.
- Question What is the extent of the low noise road surfacing to be provided in the scheme?
- Answer Low noise road surfacing shall be provided on all roads within the LMA including all associated slip roads and loops.
- Question What will be the finish on the retaining walls on the N7 and on the walls of the Underpass?
- Answer The walls will be finished with uncoursed random rubble limestone.
- Question What reporting procedures will be put in place to liaise with residents and the public at large during the construction period?
- Answer A press briefing was published once the Contract was signed, the NRA has established a project website. Temporary Traffic Management plans, emergency numbers, alternative routes, engineering aspects and An Bord Pleanala approval will be published on the website. South Dublin County Council will provide a link on their traffic website to NRA site. Information will be broadcast on City Channel's TV station. Project information brochures will be printed and distributed locally.
- Question To whom in South Dublin County Council should I address any queries?

Answer John Coughlan will be the engineer with liaison responsibilities for South Dublin County Council and he can be contacted on 01 4149000