



Meeting Notes

Environmental Liaison Group Meeting No. 22



3 December 2013, 10:00 to 12:00

Principal Contract Project Office, Rosyth

Attendees:

Elizabeth Morrison	FRC Employer's Delivery Team (EDT) – Chair
Maggie Paterson	FRC Employer's Delivery Team (EDT)
Jon Moore	FRC Employer's Delivery Team (EDT)
Niall Corbet	Scottish Natural Heritage (SNH)
Gavin Martin	City of Edinburgh Council (CEC)
Colin Goodsir	Forth Crossing Bridge Constructors (FCBC)
Neil Abraham	Forth Crossing Bridge Constructors (FCBC)
Ellie Slee	Forth Crossing Bridge Constructors (FCBC)
Liam Soden	Forth Crossing Bridge Constructors (FCBC)

Apologies for Absence:

Steven Brown	FRC Employer's Delivery Team (EDT)
Mike Bland	Marine Scotland (MS)
Rod McCullagh	Historic Scotland (HS)
Wendy McCorrison	West Lothian Council (WLC)

Item	Subject	Description	Action
1	Introductions and apologies	EDT provided an introduction and apologies. FCBC informed all that Neil Abraham will be leaving the project at the end of the year. Through a combination of internal promotions and recruitment opportunities, FCBC provided assurance that the various roles and responsibilities of the team will continue to be met.	Note
2	Actions from previous meeting (ELG 21)	EDT advised that no comments were raised on the draft minutes from ELG meeting 21. These minutes have been uploaded to the website. EDT confirmed progress regarding actions as follows: <ul style="list-style-type: none"> Headland's Archaeological Watching Brief 2012 report to be updated by FCBC after completion of all topsoil stripping works. This is now anticipated for the end of the first quarter of 2014. Meeting between FCBC and EDT to discuss sluice gate design at St. Margaret's Marsh held 20/11/13. EDT issued draft design to SNH for comment 27/11/13 (and also discussed with SNH immediately following ELG meeting.) Aerial photos of St Margaret's Marsh provided to SNH. EDT has arranged aerial photo coverage for the whole marsh area, which will be useful for long-term monitoring. EDT and SNH approved Appendix R documentation for rock slide from N2 to foreshore. Fife ITS contractor (JG) removed dead trees adjacent to gantry G02F on Fife ITS scheme. SNH and Marine Scotland confirmed approval of proposal for de-watering of caissons direct to the estuary. The proposal was subsequently accepted by EDT. 	Note FCBC SNH / FCBC / EDT Note

Item	Subject	Description	Action
3	General		
3a	Project update	<p>An independent audit of FCBC was undertaken by QMI on 14/11/13 and EDT on 21/11/13. FCBC have received feedback and a response to the EDT is in progress.</p> <p>EDT confirmed that the CEEQUAL Awards ceremony for the parties involved in the completion of the Fife ITS and M9 Junction 1a schemes is due to take place on 09/12/13 at the Contact and Education Centre (CEC). Both projects achieved an 'excellent' rating.</p>	FCBC
3b	Review/approval of environmental information for publication on website		
	i)	<p>FCBC submitted the following EMP updated subsidiary plans to EDT for review on 02/12/13:</p> <ul style="list-style-type: none"> • Land-based Incident Response Plan • Marine Spillage Plan <p>The Implementation and Operation Management Plan remains outstanding and will be submitted as soon as possible.</p> <p>All other updated subsidiary plans will be uploaded to the project website in December 2013.</p>	EDT FCBC EDT
	ii)	<p>Air Quality Monitoring Report for September 2013 has been uploaded to the project website. [Post meeting note: No comments received from consultees on the October Air Quality Monitoring Report; forwarded for upload to project website on 05/12/13].</p> <p>CEC requested that future monthly air quality reports continue to be provided for review. CEC also noted that they would have more availability to review monitoring reports going forward in 2014.</p> <p>An annual check of PM₁₀ Light scatter meters was undertaken by the suppliers 03/12/13 to inspect/test calibration of the units on site.</p>	Note Note
3c	Complaints /issues arising		
	i)	<p>Complaints and other issues received in this period have included:</p> <ul style="list-style-type: none"> • HGVs travelling without adequate cover along A904. • High dust levels at Society Road in May / June. • Mice at Clufflat. • Electricity outage at residential property due to work on the air quality meter electrical supply. <p>FCBC to respond to issues raised.</p>	FCBC
4	Principal Contract (FCBC)		
4a	Programme and outline proposals: Works undertaken October - November 2013		
	i) Land (north)	<ul style="list-style-type: none"> • Earthworks, drainage and installation of ducts for services at Castlandhill Road. • Placement of blinding and backfill, wingwall reinforcement and concrete works at North Abutment. • Laying road surface, spreading topsoil, installation of drainage gullies, kerbing and foundation layers at B981. • Planting beside B981 and King Malcolm Drive. • Site clearance and earthworks at Deep Sea World overflow car park and Ferrytoll roundabout. • Installation of drainage at northbound bus link and north SUDS basin. • Pruning trees beside entrance to Admiralty House. 	

Item	Subject	Description	Action
		<ul style="list-style-type: none"> • Construction of SW tunnel under Ferrytoll viaduct and piling works. • Construction of structures at Ferrytoll roundabout. 	
	ii) Land (south)	<ul style="list-style-type: none"> • Fencing works, excavation and shaping of swale, grass seeding, drainage and kerbing works, white lining and testing and commissioning of street lighting at Society Road. All upgrading works are now complete. • Installation of rebar, shutter works and concrete pours to achieve full height for east and west pier legs at S8 and S7. • Delivery and assembly of structural steel units at south launch and bridge deck. • Installation of rebar, anchors and launch equipment at South Abutment. Assembly of steel section. • Traffic management, earthworks, drainage works, sign installation and construction of embankment at A904. • Haulage of clay from Echline to Dundas. • Construction of overbridge structures, delivery and assembly of steel beams for overbridge structures, and placing fill for road construction at Queensferry Junction. Ripping and crushing rock at Queensferry Junction. • Formation of noise bund at Dundas with clay and topsoil. • Installation of platform for gantry G04, installation of piling platforms and testing of test piles for gantries G29 and G30 at Scotstoun. • Works at southbound bus link on hold. • Remedial landscape works to verges and embankments, and ducting works at Builyeon Road/U221. • Replacement plants ordered for hedges at Builyeon Road/U221 from Johnsons. 	
	iii) Marine	<ul style="list-style-type: none"> • Trench cleaning, installing de-stressing wells and concrete works, drilling wells and installing handrails at N1. Installation of trestle frame from N1 to shore. • Installation of steel frame for trestle at N2. Works at N2 currently on hold. • Installation of crane platform, installation of rebar and underwater concrete pours at NT. Dolphin piling works with PAM being undertaken and MMO attending. Installation of rebar and preparation for first tower lift. • Installation of formwork and concrete pours for tower lifts at CT. (Peregrine falcon observed roosting on tower crane.) • Concrete pour for foundation and blinding works. • Installation of rebar and crane platform, and concrete pours for foundation and dewatering at ST. • Airlifting and inspection and underwater concrete pour at S1. Installation of de-stressing wells at S1 prior to dewatering. Drilling wells commenced. • Works at S2 not commenced in estuary. (Framework being stored at Marine Yard.) • Preparation for sheet piling at S3. • Preparation for second underwater concrete pour, setting up gangway and access platform at S4. • Removal of trial cofferdam adjacent to S5. Concrete repair works to foundation. • Mobilisation for prefabrication area at S6. 	
	iv) Other	<ul style="list-style-type: none"> • Site-wide environmental monitoring ongoing for noise and vibration, air quality, met data, groundwater and ground gas. • Badger activity noted around replacement setts. 	

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		<ul style="list-style-type: none"> FCBC tern monitoring at Long Craig Island and Port Edgar (mostly common terns observed) now complete. Otter feeding signs and spraint noted on north shoreline in location of trestle bridge works (October). Bat box inspections in early October. 42 boxes checked in total, 25 individuals identified (all pipestrelles). Control and treatment of invasive species, Japanese Knotweed and Giant Hogweed, completed for 2013. Final round of treatment undertaken in mid-November at Inchgarvie House. Ongoing installation and monitoring of silt mitigation measures for site runoff. Water quality monitoring at Linn Mill Burn ongoing. Appendix R processes ongoing for design changes or changes in construction. MMO and PAM monitoring around works on NT. No observations to date. 	
4b	Programme and outline proposals: Works to be undertaken December – January 2014		
	i) Land (north)	All ongoing items detailed in 4a(i) to be progressed/completed. In addition: <ul style="list-style-type: none"> Laying foundation layers for road surface at Castlandhill Road and at north end of B981. 	
	ii) Land (south)	All ongoing items detailed in 4(a) (ii) to be progressed/completed. In addition: <ul style="list-style-type: none"> Delivery of replacement plants for hedges at Builyeon Road/U221 from Johnsons on 03/12/13. Planting at east end of Society Road. Structural backfill to front wall and remedial excavation and replacement works to address problems with compaction of backfill at South Abutment. Welding, painting and application of resin at South Launch. Construction of temporary wall to provide screening at Echline corner. Installation of foundation piles for gantries on A90 and M9 spur. 	
	iii) Marine	All ongoing items detailed in 4(a) (iii) to be progressed. In addition: <ul style="list-style-type: none"> Dolphin piling works and first tower lift at NT. 	
4c	Consultation requirements		
	i)	SNH to comment on the latest sluice gate design at St. Margaret's Marsh, issued by EDT on 27/11/13.	SNH
	ii)	SNH to be consulted on the following Appendix R design submissions: <ul style="list-style-type: none"> Scour protection and backfill – FCBC currently progressing rev 06. 	FCBC
	iii)	<ul style="list-style-type: none"> FCBC received Listed Building Consent (LBC) for removal of gate posts at St. Margaret's Lodge Gate House. Consent also granted by RCAHMS and works to be commenced 09/12/13. Draft LBC received for Jamestown Viaduct from Fife Council. Awaiting formal consent and review from RCAHMS. 	FCBC FCBC / FC / RCAHMS
5	Any other business	Live webcams are available for the main crossing works. EDT forwarded link.	Note

Item	Subject	Description	Action
		<p>FCBC's Quality Monitoring Tool (QMT) is now live and will be used to record good practice, snags and defects on site by the site team. The tool will be rolled out across all FCBC teams in due course, including appropriate training.</p> <p>JG and SRB to update Sustainability Reports to address EDT review.</p>	<p>Note</p> <p>JG / SRB</p>
6	Next meeting and venue	The next meeting is scheduled for 04/02/2014 at 10.00hrs in the Principal Contract Project Office, Rosyth.	All