



August 6, 2009

*Date: July 27, 2009*  
*Time: 10:00 AM*  
*Location: IRIB Construction Field Office (302-226-1251)*  
*RE: Construction Advisory Group*  
*Meeting #6 Minutes*

**ATTENDEES:**

Title	First	Last	Association
Mr.	Larry	Agsten	Homeowner
Mr.	John	Brown	Carpenters L. U. 2012
Senator	George	Bunting, Jr.	State Senator
Ms.	Nancy	Fanning	Homeowner
Mr.	Don	Klein	Board Member D.S.P.F.
Mr.	Bob	Payne	Homeowner
Ms.	Gail	Payne	Homeowner

**PROJECT TEAM:**

Salutation	First	Last	Association
Mr.	Andrew	Bing	Kramer & Associates, Inc.
Mr.	Jay	Erwin, Jr.	Skanska, Project Manager
Mr.	Ken	Farrall	DNREC
Mr.	David	Geiszler	DeIDOT
Mr.	Britt	Murray	DNREC
Mr.	Doug	Robb	DeIDOT, Project Manager
Ms.	Tina	Shockley	DeIDOT Public Relations

**WELCOME:** Andrew Bing started the sixth meeting of the IRIB Construction Advisory Group (CAG) at 10:00 AM by welcoming the attendees and asking if everyone had signed in and received a copy of the agenda and the meeting minutes from the previous meeting. Andrew discussed some of the recent outreach efforts including some recent site tours. Andrew told the CAG attendees that Secretary Wicks is expected to attend the next CAG meeting on August 31.

**INTRODUCTIONS:** All attendees introduced themselves indicating their interest and who they represented. Andrew reviewed the agenda explaining what would be taking place during the meeting.

**SITE TOUR UPDATE:** Jay Erwin discussed the on-going site tours and the important role that Skanska feels they play in a project like the Indian River Inlet Bridge. Mr. Erwin stated that the Skanska team enjoys the interaction with the public and the tours provide Skanska with the opportunity to have younger engineers lead the tour presentation. Mr. Erwin stated that Skanska staff, as well as the public, learns through the tours and invited CAG members, business owners, homeowners, government officials and other stakeholders to become informed by taking advantage of the tour opportunity.

**CONSTRUCTION AND DESIGN ACTIVITIES:** Jay Erwin summarized the bridge work that is underway and expected to be accomplished or underway in the next few months:

- Geotechnical aspects of driving the piles have become more difficult than expected, as more dense material is being encountered. The deeper the piles are driven, the more compact the material becomes and the harder it is to drive the piles. However, the result is that the piles, once driven to the specified depths, actually provide more support for the bridge.
- Because of the dense material mentioned above, more hits are needed to sink each pile. Therefore, it will take longer than expected to install the pilings; but since work was begun earlier than scheduled, it will be completed on schedule.
- Work continues on the pylon foundations with the completion of the work at Pylon 6 expected soon.
- Production pile work, essentially a carry-on after all test piles are in place, continues with 185 of the 291 piles having been driven. It is expected to take approximately 45 - 60 days to finish driving the remaining piles. All piles for the foundation have been delivered to the site. The piles for the approach spans (approximately 45 per side) are still to be delivered to the site.
- Work is beginning on the falsework towers consisting of steel pipe piles. Public will start to see the grade of the bridge take shape as piers on both sides of the inlet are built. Approximately 25% of the piles on the falsework have been installed. The 14" piles on the falsework have not been installed due to the fact that they are too close to the approach piers. They will be installed as this construction progresses.
- Skanska will be taking delivery of the edge girder form system in the near future.
- The public should also start to see the preassembling of the orange tower forms in the construction yard – all four forms for the towers should complete pre-assembly this week.
- A significant milestone is taking place on Thursday, July 30. A major concrete pour for the pylon foundation footer is scheduled to occur between 6pm-6am.
- The pour takes place at night to reduce traffic congestion but also to better regulate the temperature of the concrete and external factors. A large thermal blanket will be placed over the concrete to absorb the heat. The next concrete pour will occur in late August,

with the first concrete pour on the south side taking place in early September. All of the concrete used for the bridge will come from Thoro-Good Concrete Company in Dagsboro.

- To date there have been no problems with the delivery of piles although they do turn a lot of heads when people see them being delivered.
- There will be a full scale test of the cable stays in Germany in mid-September. The test will be conducted such that the cable stay will be put through a cycle that it would see over many years in a much shorter duration. A leak test will be performed as well.
- Indian River Inlet Bridge project is a high profile project not just in Delaware but within the entire bridge industry. The project is truly a global effort with the form traveler system engineered in Norway and built in China. The wind testing is being performed in Canada and the Erection Engineering performed in Hong Kong.

**PROJECT TOURS:** Andrew updated the CAG on upcoming site tours. On August 4 there will be a site tour for local town and county officials. There also is a tentative event with the Governor and congressional delegation scheduled for August 24. More information will be provided to the CAG once this event is finalized.

**QUESTIONS AND ANSWERS:** During the meeting questions were asked and responded to as follows:

Q: A CAG member asked if the concrete pour scheduled for Thursday would be noisy?

A: Mr. Erwin indicated that this pour will take place on the north side of the bridge and therefore should not be noisy. However, he did note that the direction of the wind always plays a role in noise. A westerly wind will reduce the noise impact of the pour.

Q: Senator Bunting asked if a video of the building of the bridge could be created to be used for teaching and tourism?

A: DelDOT is in the process of getting time lapse camera set up. Unfortunately there were a few setbacks, but we are actively working on this. Meanwhile, we have had our traffic cameras up and running since the beginning of the project.

Q: Can you monitor the safety cones on the road?

A: Mr. Erwin stated that the team does monitor the safety cones on a regular basis. The team will continue to monitor the cones.

Q: Can you post the phone number to the DelDOT Field Office in the minutes?

A: The phone number for the DelDOT Field Office is 302-226-1251. This number will be posted at the top of future CAG minutes as well.

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Q: Is there a program for trade apprentices?

A: **The project has an On the Job Training Program mandated by the contract and Skanska is working to exceed this requirement and provide training to more individuals.**

**MEETING SCHEDULING/WRAP UP:** Andrew thanked everyone for their continuing interest and participation and stated that the next CAG meeting will be held on Monday, August 31 at 10:00 a.m.