

Building for Tomorrow

The Indian River Inlet Bridge Newsletter

A publication by the Delaware Department of Transportation (DelDOT)

June 2011



Doug Long
(State Park)

In this month's issue of *Building for Tomorrow*, the last for this school year, we are going to be looking at summer at the Indian River Inlet Bridge. While you are able to take a break from school, we are going to be working hard at the new bridge. A lot of our focus in this year's newsletters has been on the bridge, but we thought it was time to explore the area around the bridge and all of the great places and activities that are close to the site.

This month's featured guest is Delaware Seashore State Park Superintendent Doug Long. Doug is a graduate of the University of Delaware with a Bachelor of Science degree in Recreation and Park Administration. He has worked for Delaware State Parks for over 20 years. Doug is an avid surfer and has ridden waves in California, Barbados and Puerto Rico but can usually be found enjoying the park, especially surfing the waves at Delaware Seashore State Park.

What's Happening At The Bridge This Summer?



This summer the bridge contractor, Skanska USA Civil Southeast, Inc. will continue to build the bridge. Bridge construction over the inlet will continue through the summer utilizing the form travelers.

Currently, 13 of the 25 deck segments have been poured which will ultimately create the bridge deck over the inlet waterway. Other bridge building activities such as stay cable installation, cable tensioning and transition pier construction will continue as well this summer. The bridge is slated to be open to traffic in late 2011, weather permitting.

Also this summer, work begins on the approach roadways that will allow the new bridge to be connected to the existing roadway. This requires a limited traffic pattern on the existing bridge – one lane is open in each direction. Traffic will remain this way for the next year.

School's Out: Don't Miss A Thing!



If you are closely following the construction progress of the new bridge, and do not wish to miss a thing while out of school for summer vacation, here are a few ways you can stay in touch:

Get in the middle of the action:

- Schedule a site tour of the bridge with your family, call 302-760-2080.
- Spend a night or two at the Delaware Seashore Campground, call (302) 227-2800 for reservations or visit www.destateparks.com.
- Go fishing at the Indian River Inlet (preferably with an adult).
- Ride your bike through the area (preferably with an adult) – remember safety first!
- Take a ride to Bethany Beach just so you can go over the bridge and see the construction. Have mom or dad drive onto some of the side roads to get a closer view.

View from afar:

- Check the website regularly, www.irib.deldot.gov.
- Visit the online Multi Media Gallery to view webcams, traffic cameras, photo gallery and more.
- Read your local newspaper and check for stories about the bridge.

Things To Do During The Summer (Other Than Going To The Beach)!

Even though summer is here, you can still have fun learning about bridges. With your parents' permission, you can go online and look for bridge building games. Some places to start are:



- http://www.learn4good.com/games/simulation/build_bridge_across_canyon2.htm
- <http://www.bridgebuilder-game.com/bb-info.php>

If you just love bridges and want to learn more, you can always find new information about the Indian River Inlet Bridge on our website at irib.delDOT.gov. With your parents' permission, you can go online and find a lot of information about bridges, from what it takes to build them to information about different bridges around the world. Some great places to start are:

- <http://www.pbs.org/wgbh/buildingbig/bridge>
- <http://www.bridgesite.com/funand.htm>



A Moment of Bridge History



This is a view taken in 1940 by T. Hood Simpson, an Inspector for the Bridge Division of the Delaware State Highway Department (now DeDOT). Simpson was able to take this photo only after climbing to the deck of a tower that stood next to the bridge site. The photo was taken on the north side of the inlet looking south.

Want to explore the new Indian River Inlet Bridge?

Time's running out!



Site tours are available on Wednesdays and some Fridays, but they end August 26.

To schedule a tour, have mom or dad call DeDOT Public Relations at 302-760-2080 or have them click [here](#) today!

Indian River Inlet Bridge Word Find

By Tina Shockley

Find words that are used every day in the construction of the Indian River Inlet Bridge. Learn what these terms mean by searching online or in a dictionary. Challenge yourself to learn more about bridge building.

F E I E T E I C S I D I E E I T L I E N C R
 O T S T R U C T U R E L E V A R T M R O F E
 O R K H D N A R T S B S E N C F C R M I T N
 B I A G G Y O O O A E R O C I R L P O T T G
 U N N I T A D P C F I L H C A O R P P A O I
 I L S E D E L P D C Y L I N D E R I O D W N
 L E K W L G N U P P I O E P S E E E E N E E
 D T A D R D P S S U P E R S T R U C T U R E
 S Y O T C I N D I A N R I V E R K D K O P R
 N T R E D R I G N O C O N C R E T E I F O A
 F U C E N B T A G R N M U L O C P W T I I F

Approach
 Column
 Cylinder
 Engineer
 Foundation
 Pier
 Skanska
 Superstructure
 Weight

Bridge
 Compression
 Deck
 Footer
 Girder
 Pile
 Stay
 Support

Build
 Concrete
 DelDOT
 Force
 Indian River
 Pylon
 Strand
 Tension

Cable
 Crane
 Design
 Form Traveler
 Inlet
 Roadway
 Structure
 Tower



Employee Spotlight!



This is where you get to meet someone who is building the Indian River Inlet Bridge!



What is your name?: Steve Revitsky

Who is your employer?: Skanska USA, Civil Southeast, Inc.; employed for 4 years

What is your job title?: Project Engineer

Where are you from?: Pittsburgh, Pennsylvania

Where do you live now?: Rehoboth Beach, Delaware

What are some special skills or experience that you bring to the project?: I've had a lot of training as an engineer and my work ethic.

What is your favorite part about working on the project?: I really enjoy working next to the ocean and the technical aspects of this project are really interesting.



Photos from the Job Site

May 2011



Visitors to the site of the new Indian River Inlet Bridge will notice that stay cables continue to rise at the site. This view is looking south from the north side of the bridge (Skanska USA Civil Southeast).



Work continues on the transition piers of the new Indian River Inlet Bridge. Here you can see rebar that is in place and ready for concrete to be poured (Skanska USA Civil Southeast).



The form traveler has been lowered in this photo in preparation for a move forward. With each move, the two form travelers get closer to meeting in the middle over the Indian River Inlet (Skanska USA Civil Southeast).



A view of the form traveler stationed on the south side of the new Indian River Inlet Bridge (Skanska USA Civil Southeast).



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