



JOHN BUNKER SANDS
WETLAND CENTER



Fly Like and Eagle

Using LIVE Wildlife Cameras and Distance Tools to attract Visitors to our Wetland



3 Month Old American Bald Eagles near Dallas, Texas, USA

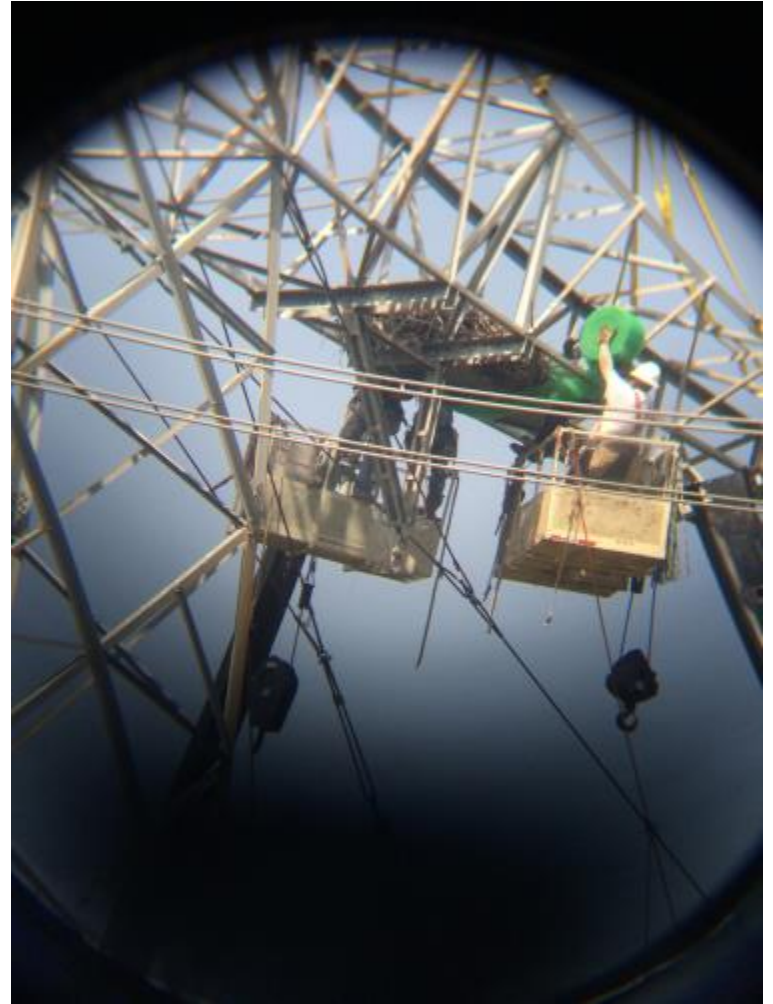
- **2011-2013 Young Pair of Eagles nested on a live electric transmission tower 1 mile from Center**
- **Danger to the Eagles and risk of power outage prompted a partnership to relocate the eagle nest to a safer location**



- **May 2013 - Partnership forms between Center, electric provider, steel company, and US Fish and Wildlife Service**
- **September 2013 - Adult Eagles return early and postpones relocation until July 2014**

July 12 & 13, 2014 Relocation of Eagle Nest

- Electric power lines were disconnected
- Contractors wrapped the nest in plastic to protect
- Large Crane was attached to the nest arm to move it



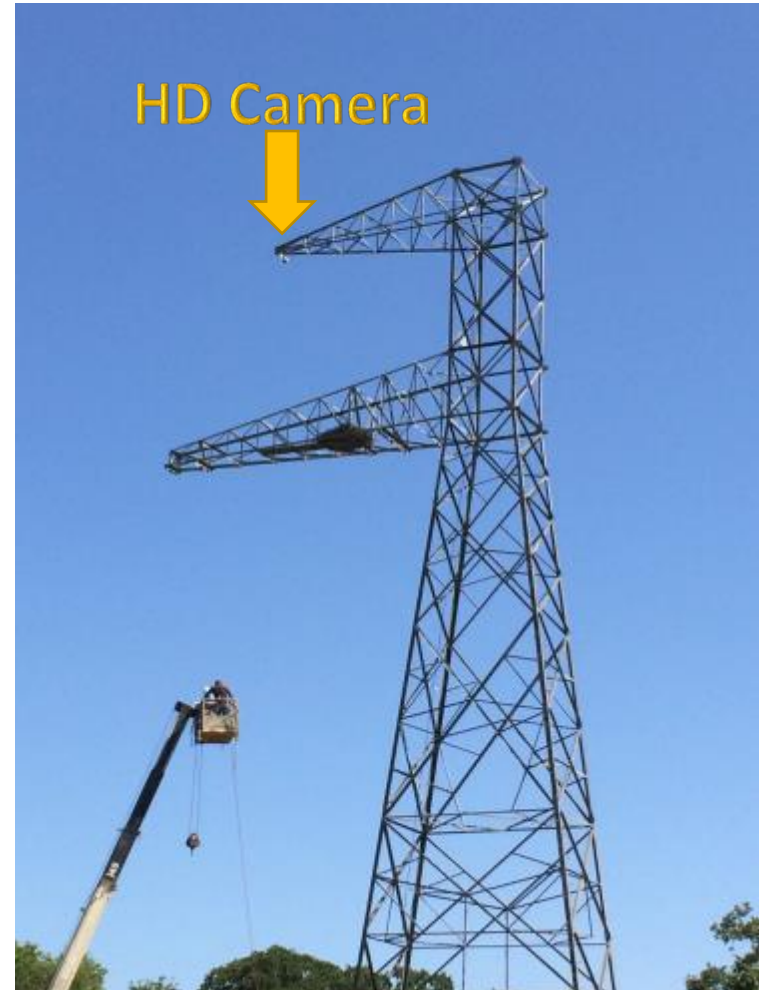
July 12 & 13, 2014 Relocation of Eagle Nest

- Eagle Nest was lowered onto a flatbed truck
- Eagle Nest measures 8 feet in diameter, 3 feet deep, and over 250 pounds



July 12 & 13, 2014 Relocation of Eagle Nest

- New Tower was erected in the summer of 2013
- Eagle Nest on the arm was reattached to the new tower the next day
- Solar Powered HD camera was installed on the arm above the nest
- Live video feed is transmitted to Wetland Center 1 mile away



2016/2017 American Eagle Nesting Season

- New Camera System monitors the eagle nest 24 hours a day, 7 days a week
- Eaglets are the 8th and 9th born in the nest – JBS8 & JBS9
- Eaglets grow very quickly – Hatch to Adult in 3 months

March 4, 2017



May 22, 2017



Distance Learning Tools – Website & Videos of Relocation

- Student Classrooms learn about Wildlife Conservation related to studies
- Students and Public get familiar with why wetlands are important – Water & Habitat
- Armchair Conservationist – general public gets personal conservation experience
- Collaboration with other Nature Centers around the USA and World
- Raises awareness of our Wetland Center and encourages people to visit to learn more


<http://www.wetlandcenter.com/eagles.html>

The Wetland Eagles

2017 Nesting Record
Egg#1: 1-25-2017 @ 3:08pm
Video (egg arrives 6 minutes into video)
<https://www.youtube.com/watch?v=jMrmF-6k4RY>
Egg#2: 1-28-2017 @ 6:55pm
Video - "<https://www.youtube.com/watch?v=Y5qISjcbSZ0>

JBS8 Hatch: March 2, 2017
JBS9 Hatch: March 5, 2017

[Eaglets Donation](#) Over 50,000 people are watching our eaglets around the world! The cost is \$50 each day/\$1,500 a month to operate. We are happy to provide this intimate view into the wild but have already surpassed our budget to operate the LIVE camera feed. To keep this page uninterrupted without ads, please donate today to continue our LIVE Eagle Camera. Watch Us Grow! Thank you.
[Click Here to Make a Donation!](#)
[Eaglets Donation](#)



produced by [Tim Wilson](#)
narrated by Stark Sands
written by John DeFillipo, Haven Sands Heinrichs, Elise M. Saab

Distance Learning Tools – Social Media

- Online Conversations about American Bald Eagles
- Where to find other Eagle nest cameras
- Collaboration on how to protect other wildlife and endangered species
- Raises awareness of our Wetland Center and encourages people to visit to learn more

The image shows a screenshot of a web browser displaying the Facebook page for the John Bunker Sands Wetland Center. The browser's address bar shows the URL: <https://www.facebook.com/John-Bunker-Sands-Wetland-Center>. The Facebook interface includes the logo, a login section with fields for "Email or Phone" and "Password", and a "Log In" button. A notification banner at the top states: "You were redirected here from the unofficial Page: John Bunker Sands Wetlands Center (!?)". The profile picture is a silhouette of a bird in flight over grass. The page name is "John Bunker Sands Wetland Center". A navigation menu on the left lists: Home, Posts, Reviews, Videos, Photos, About, Likes, and Events, with a "Create a Page" button below. The main content area shows a post from "John Bunker Sands Wetland Center" with the text: "added 2 new photos to the album: 2016/2017 Eagle Family. 17 hrs · 📍". Below the text is a link: <http://wetlandcenter.com/eagles.html> and a photo of an eagle perched on a wooden structure. To the right of the post are "Like", "Share", and "Send Message" buttons. Further right, a summary box indicates: "Nonprofit Organization in Seagoville, Texas 5.0 ★★★★★". Below this, a "Community" section shows: "Invite your friends to like this Page", "2,992 people like this", "2,973 people follow this", and "1,643 people have visited". An "About" link is visible at the bottom right of the page. The Windows taskbar at the bottom shows various application icons and the system clock displaying "1:40 PM 5/25/2017".

Attracting Visitor to Wetland Center

- Provides visitors hiking opportunities to learn more about Eagles and Wetlands
- Provides teaching opportunities for local and regional volunteers
- General Public “seeks us out” to visit the eagle tower
- Raises awareness of our Wetland Center and encourages people to visit more often



Talking With The Eagles...

Saturday, May 6, 2017
10:00 - 12:00

Get your eagle questions answered on a hike to the Eagle Tower with Wetland Stewards Kathy and Bill Nance. At the tower we will watch Bald Eagle activity and share information about the eagles. Come and go as you like, but be prepared to be on your feet for up to 2 hours! Bring a light weight chair if you plan to stay for awhile. Call 972-474-9100 or email ldunn@wetlandcenter.com with any questions.

When: Saturday, May 6, 2017
Where: John Bunker Sands Wetland Center
Time: 10:00 am -12:00 pm
Cost: FREE with \$5.00 admission



JOHN BUNKER SANDS
WETLAND CENTER

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**60 Adults, Kids and Photographers
Visited the Talking with the Eagles Tour
on May 6, 2017**





Pros – Positive Outcomes

- **Up to 50,000 people around the world watching eagles**
- **Increased awareness of the Wetland Center**
- **Local media coverage**
- **Best practices example of sustainable partnerships**
- **Wildlife Conservation in ACTION!**
- **Donation Opportunities**

Cons – Negative Outcomes

- **Cost \$7,500 - \$10,000 for initial LIVE camera set up.**
- **Cost dependent on camera location – Ours is solar powered so it cost more**
- **Monthly Video Cost averages between \$500 - \$1,500**
- **Someone has to monitor the camera consistently**

**BIGGEST outcome is the camera supports our MISSION:
Educate the public and provide research opportunities in the areas of
water reuse, supply and quality; **wildlife conservation**; and wetland
systems.**



Questions ?



JBS 7 In Flight
June 2016