

# COWBOYS Stadium SCOREBOARD



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## STADIUM REACHES NEW MILESTONES



*From left to right: Jerry Jones Jr., Stephen Jones, Mayor Robert Cluck, Jerry Jones*

It's a sight you can't miss! The first of its kind in North America and a major milestone accomplished during this quarter of stadium construction. The first quarter mile free-standing steel arch on the south side of the stadium is complete. Members of the press and City Council watched the history making event as the final piece of steel was lifted into place.

The completed arch is comprised of 3,255 tons of steel. Supporting or attached to the massive arch are smaller steel structures called roof trusses. On either end of the steel arch are two

large support blocks, or abutments. These abutments and corresponding foundations contain approximately 3,500 cubic yards of concrete each and bear the tremendous vertical and horizontal weight of the free-standing arch.

Installation of the second arch will begin this month. Once complete, the two steel arches will support the roof structure, retractable roof, and state-of-the-art scoreboard. You can learn more interesting arch and stadium facts on page 3.

*Continued on page 2*



The Stadium Scoreboard chronicles the progress of the Cowboys Complex Development Project from bond sale to kick off. This quarterly publication is produced by the City of Arlington especially for the taxpayers of Arlington.



# Stadium Reaches New Milestones *continued*

## Interested in the new Cowboys Stadium?

View the construction by accessing the webcam on the City of Arlington website at [www.arlingtontx.gov/cowboys](http://www.arlingtontx.gov/cowboys).



The Cowboys web page also contains news about Super Bowl XLV to be played in Arlington in 2011. Connect with the website and stay informed. ☆

## Glass Installation: Another Milestone This Quarter

Beginning in November, the installation of glass on the south side of the stadium structure will begin. In building terms, glass is referred to as glazing. Glazing is a transparent part of a wall, usually made of glass or plastic. Common types of glazing used in architectural applications include clear and tinted float glass, tempered glass, and laminated glass.

Approximately 2,600 pieces of glass, averaging four by eight feet in size, and weighing seven and a half pounds per foot, will enclose the south side. It is estimated glass installation will take four months to complete.



## Did You Know

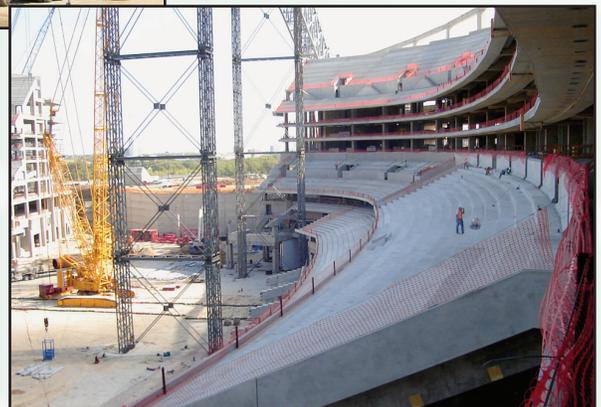
Hidden from the public's view within the stadium is the placement of the pre-cast concrete pieces that form the basis for the stadium seating. Approximately 740 out of the required 1,829 pieces have been installed, which completes the south side of the stadium bowl. ☆



## Stadium Tunnel System Begins

Construction has begun on the 208 foot long tunnel and ramp system leading into the stadium from Randol Mill Road. Workers began placing rebar and forms necessary to accommodate the 3,500 cubic yards of concrete that serves as the underground entrance to the Event Level and playing field.

The tunnel will be the primary access into the stadium bowl for TV trucks, team buses and deliveries of food, beverages and equipment. The ramp will intersect with a service tunnel located five-stories below grade that encircles the bottom of the stadium.



## Looking Ahead

As December approaches, construction workers will complete the concrete and steel work on the north side of the stadium structure. This will bring the total of steel reinforcement placed to 17,164 tons and more than 149,822 cubic yards of concrete. ☆



## North America's Largest Free-Standing Arch Completed

It was only four months ago on July 2 when the first section of the south side steel arch was installed. Today, the completed arch stands over 300 feet above the playing field and can be seen from over six miles away.

The last section of steel was installed on October 16 making it North America's largest free standing arch. The 56 foot long section weighs

approximately 110,000 pounds and measures 35 feet tall.

Over the next month, stadium workers will begin dismantling the seven support structures currently underneath the arch. It is estimated the quarter of a mile long arch will settle four inches once these support structures are removed.

Installation of the north arch will begin in November and is expected to be completed by late March. The two steel arches will serve as the primary support element for the roof structure and first ever center-mounted scoreboard in the National Football League which will weigh 600 tons, measure 70 feet tall, and stretch 160 feet between the 20 yard lines. ☆

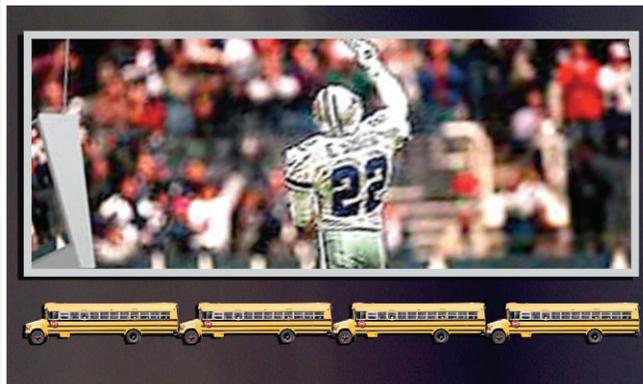


Stadium Arch Span: 1225 feet as compared to the St. Louis Arch at 630 feet.

### Scoreboard Size:

160 feet long = 4 school buses ➤

600 tons or 1.2 million pounds  
= 92 elephants or three 747 airplanes



## Keeping Score

**38**

Percent of the project complete to date

**1,100**

Estimated number of workers on the project site

**3,255**

Total weight in tons of first steel arch

**2,600**

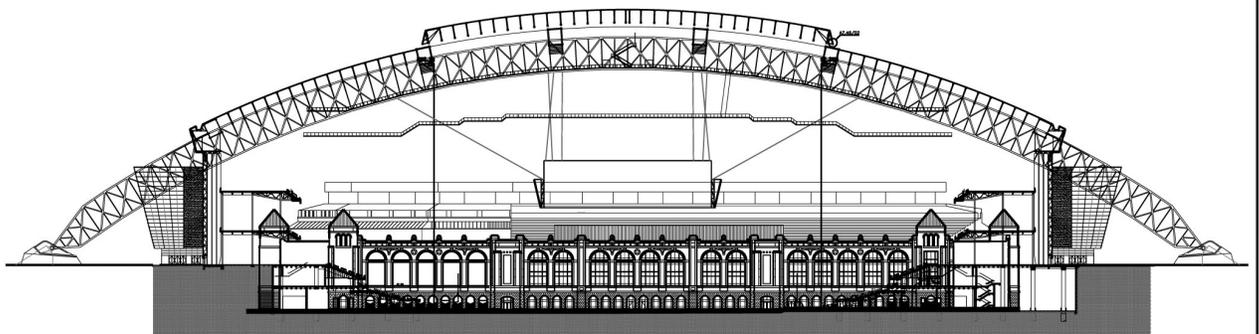
Pieces of glass will enclose the south side

**1,829**

Number of precast units required to complete seating

With 38 percent of the construction complete, the Cowboys Stadium remains on schedule for an August 2009 opening. To date, project costs have reached \$389,569,325. Arlington has committed a total of \$325 million. The City's portion of the total expenses to date is \$193,261,525. The costs are paid out of a trust jointly controlled by the City of Arlington and the Cowboys.

The Statue of Liberty or the Ballpark in Arlington will fit inside the stadium with the roof closed.



# PHOTO gallery

August 2007

South side of stadium ➤



October 2007



This photo gallery captures this quarter's construction milestones.

Photography courtesy of the City of Arlington and the Dallas Cowboys.



September 2007



SEP 12 2007

North side of stadium ▲



Raising final steel arch piece ▼



October 16, 2007

Looking southwest on the upper concourse, ▲ where glass installation will begin in November



# ONE on one

## The LopezGarcia Group

### New bid opportunities

Upcoming bid packages include cubicles, lockers, appliances, suites, fencing, landscaping, paving, signage and window treatments.

View the procurement schedule at [www.manhattanconstruction.com](http://www.manhattanconstruction.com) or call Manhattan at 817-524-0400 or the KStrategies Group at 214-523-9545.

### By the Numbers:

#### Minority and Women Owned Business Enterprises

(as of September 30, 2007)

**31** - Arlington and Tarrant County minority and woman owned enterprises with contracts

**77** - Number of minority and women owned enterprises with contracts

**\$62 million** - Dollars paid to minority and women owned enterprises

**21%** - Contract dollars paid to minority and women owned enterprises

### A Spotlight on a Minority-Owned Enterprise

Wendy Lopez is the co-founder and chief executive officer of the LopezGarcia Group, one of the state's leading engineering, environmental services and planning firms.

Rudy Garcia is also a co-founder and president. Together, they are the LopezGarcia Group.

The LopezGarcia Group is a Dallas/Fort Worth-based minority owned enterprise with a civil engineering/plans review and inspections contract at the new Cowboys Stadium. They are also providing mechanical, electrical and plumbing design work for the Stadium's concessions services.

"We're another resource for the City of Arlington," said CEO Wendy Lopez. "We feel as if

we are part of the City of Arlington because of the many partnerships we have formed."

The LopezGarcia Group has performed paving and water/sewer inspections projects for the City for many years. Other major clients include: City of Dallas, City of Fort Worth, DFW International Airport, TxDOT, DART, Trinity River Authority, Tarrant County College District, North Texas Tollway Authority, University of Texas at Arlington and the Fort Worth Transit Authority.

The company has 200 employees and offices in Dallas, Fort Worth, Austin, Amarillo and Houston. To have a role in the development of the \$1 billion Cowboys Stadium in Arlington is important for the firm.

"The Cowboys Stadium is a signature project for this area," President Rudy Garcia said. "It is exciting to be a part of it."

The LopezGarcia Group has been honored for quality work, performance, community involvement and leadership since its establishment in 1988. The company values diversity and provides a workplace that enables its employees to grow personally and professionally. More than 55 percent of LopezGarcia Group employees are women and minorities.

M/WBE Coordinator Katrina Keyes said the City and Cowboys continue their commitment to minority and women-owned enterprises. To date, more than 75 construction related contracts for the new Stadium have been awarded to minority and women owned enterprises, according to the KStrategies Group.

Learn more about the LopezGarcia Group at [www.lggroup.com](http://www.lggroup.com) or call 214-741-7777. ☆

*Rudy Garcia and Wendy Lopez of the LopezGarcia Group.*



### Coming Next Quarter:

Doug Smith is president of Smith Interiors Construction, an African-American owned firm in Arlington. Smith Interiors specializes in drywall, acoustical ceilings and complete interior finish-out.

Next quarter read about their role in the construction of the Cowboys Stadium.



# THE Boys

## Dallas Cowboys Honor Arlington Bowie's Perry as Coach of the Week

For the 13th consecutive year, the Dallas Cowboys are honoring high school football coaches. Teaming up with the U.S. Army for the second consecutive year, the U.S. Army/Dallas Cowboys Coach of the Week program is designed to aid and promote high school football and the development of youth football.

The Coach of the Week Program provides coaches the recognition they deserve, and presents schools with financial assistance to maintain and upgrade their football programs.

Arlington Bowie Head Football Coach Kenny Perry was selected as the Week Four U.S. Army/Dallas Cowboys Coach of the Week for the Volunteer's upset win over the 2006 5A Division II State Champion Cedar Hill Longhorns. The 57-45 victory snapped Cedar Hill's 19-game winning streak and kept Bowie undefeated going into Week Five. In honor of his award, Coach Perry will receive a \$2,000 grant from Gene and Jerry Jones Family Charities and the U.S. Army for the Bowie High School football program and receive a one-of-a-kind framed certificate signed by Cowboys Head Coach Wade Phillips and NFL Commissioner Roger Goodell.

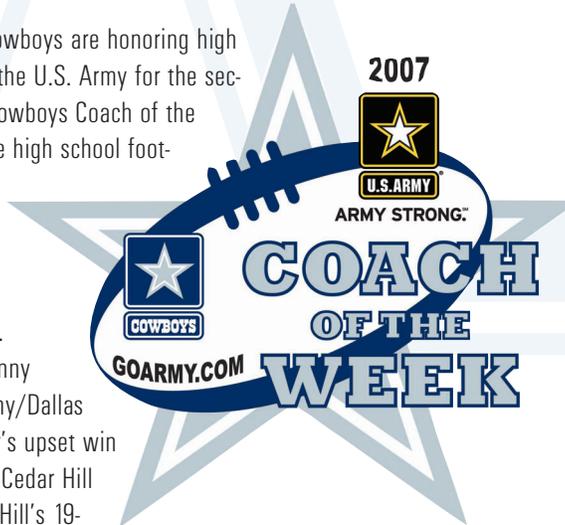
At the conclusion of the program, each of the 10 "Coach of the Week" award-recipients chosen throughout the high school football season will be invited to attend the Dallas Cowboys vs. Philadelphia Eagles game on December 16. The attending coaches will participate in an on-field recognition ceremony where they will be honored in front of 65,000 fans at Texas Stadium. ☆

## Dallas Cowboys Host Training Camps for Arlington Youth

The Dallas Cowboys Gatorade Junior Training Camp (JTC), a complimentary grass roots football clinic for elementary school children, will once again be visiting schools in the Arlington ISD this Fall. JTC features the educational and recreational benefits of football presented in a safe and fun environment and is part of the Cowboys initiative to get kids up and active in order to combat childhood obesity. Developed by Gatorade, the JTC curriculum emphasizes fun instead of winning and is formatted to be safe and accessible to any student regardless of age, gender, ability or experience. This Fall, JTC is scheduled to visit Thornton, Little and Miller elementary schools. For more information on the JTC or other fitness campaigns supported by the Cowboys, visit 'Community' at [www.dallascowboys.com](http://www.dallascowboys.com). ☆

## Dallas Cowboys are Looking to Draft a Community Quarterback

The Dallas Cowboys are looking for a Community Quarterback - an individual who demonstrates outstanding commitment to improving the North Texas community through volunteerism. Through the 2007 Dallas Cowboys Community Quarterback Award, a volunteer recognition and grant program, Gene and Jerry Jones Family Charities will award more than \$20,000 in grants to local non-profit organizations this season in honor of volunteers who work tirelessly to better the communities in which they live. The award winner will receive \$10,000 donated to his/her nominating charity. Two runners-up will receive grants totaling \$2,500 for their non-profit organization, while seven finalists will each receive \$1,000 for their charitable organization. Nomination information for the 2007 Dallas Cowboys Community Quarterback Award can be found under 'Community' at [www.dallascowboys.com](http://www.dallascowboys.com). ☆



## Entertainment District Roadway Improvements

Over the past three months a number of roadway projects have commenced in and near the Entertainment District. The I-30/Three Bridges project has started, which will eventually build new bridges at Center Street and Baird Farm Road and reconstruct the bridge at Collins Street.

Construction has closed Center Street and Copeland Road on the north side of Lincoln Square.

Texas Department of Transportation (TxDOT) is preparing to remove the old Turn Pike ramp bridge west of Collins. This demolition will make way for a new bridge that will connect Center Street to I-30.

The construction for the new Center Street Bridge started in June 2007 at a cost of \$18.6 million. The bridge will have six lanes plus turnarounds. When complete, Center Street will be realigned to connect to the new bridge.

Baird Farm Road, which has already been completed from Randol Mill Road to Nolan Ryan, is being extended northward to Copeland Road. Eventually Baird Farm Road will connect to the new Baird Farm Road Bridge over I-30. The bridge will have seven lanes with a turnaround.

Construction of the second part of the Three - Bridges project includes building the new Baird Farm Road Bridge, the reconstruction of the Collins Street

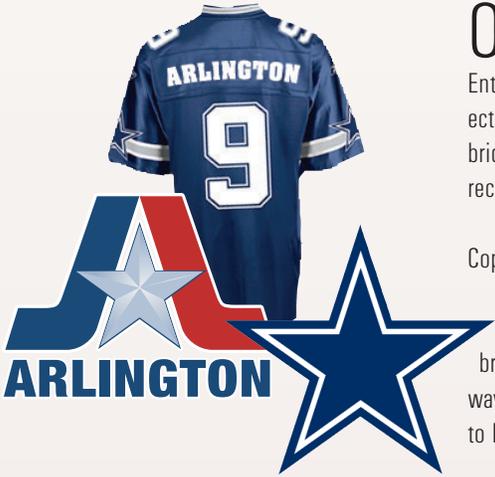
Bridge and the rebuilding of the I-30 main lanes.

Included in the projects are beautification elements designed to increase the visual appeal of the roadway. Murals will grace the retaining walls along the Center Street Bridge. Approximately 20 feet by 40 feet high, the murals will reflect the history and culture of Arlington. Other amenities include the landscaping of nearly 40,000 shrubs and trees, decorative bridge walls, lighting, covered walkways and four 66 foot towers on the Center Street Bridge.

This project will begin construction before the end of the year at a cost of \$143 million and last approximately 40 months. Federal and state funding will cover construction costs while TxDOT oversees construction. Eventually, I-30 will be widened to a total of eight to 10 lanes throughout the length of the corridor. ☆



Information provided by TxDOT, [www.dot.state.tx.us](http://www.dot.state.tx.us)



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