



WITTWER CONSTRUCTION
STILLWATER, OKLAHOMA

Dan Wittwer, Pres./CEO

Ron Wittwer, Exec. VP

Ron Zerr Vice-President

Connie Griffin, Sec./
Treasurer

**INSIDE
THIS ISSUE:**

Safety and Health 2

Eight Principles 2

Overhead Powerlines 2

Dept of Labor Report
Workplace Fatalities
in Construction 2

ODOT Commission
Report 3

Project News 3

Fatality Accidents
In Oklahoma 4

Working Under Tent 4

OSHA Report: 14000 4
Cited

NEW EQUIPMENT

**WCCI has recently
purchased the fol-
lowing equipment:**

Three 2007 JD Model
300 Articulating Dump
Trucks

Three 2007 Mack Con-
crete Mixers

The Wittwer Way

FALL 2007

SEPTEMBER

Clinton Job Underway

David Burns
and Shad

Hane are the project managers on the US 183 improve-
ment project in Clinton, OK. It is a \$9.47 million dollar
contract which includes grading, drainage, paving and
widening of 183. Grading, demolition and the relocation
of utilities started at the beginning of September. Like the
Snyder project, it is likely that everyone in the company
will have a direct role in the completion of this project.



Letter from Dan

Wittwer
Construc-
tion has done very well since I
last wrote. We have finally
gotten some dry, warm weather
and have been hitting our stride.
Phase I of Hall of Fame road in
Stillwater was built in six weeks
and finished under budget. We
built box culverts in Harmon,
Logan, and Okfuskee counties.
All were completed ahead of
schedule. Andy Anderson, Josh
Meraz, and Ron Zerr started a
900 CY box bridge project in
Norman on September 11th and
poured the deck of the structure
11 working days later.

Our prime contract with ODOT in
Clinton, OK kicked off on Septem-
ber 4th and is well underway.
David Burns is the project man-
ager for both the Clinton project
as well as the Seiling project we
have with J.R. Sand which will
start in November. Many other
projects Wittwer crews are work-
ing on in both Oklahoma and
Texas have increased production
and revenue since the weather
turned in our
favor.

Our estimating department has
also had a great run. In the
month of September we had

winning bids for box jobs in
Caddo, Dewey, Custer, and Pon-
totoc Counties in OK, the city of
Bartlesville, I-40 crosstown, Marc
Heitz Chevrolet, and a housing
development called Grapevine at
the Grove. All together these
combined projects total over
8,000 CY of concrete. The Octo-
ber ODOT letting has another
12,000 CY of boxes which we will
bid. My hope is that in our De-
cember newsletter, I will be able
to confirm a contract on this
work as well.

Thanks for being a part of
Wittwer



Inside of large drive through truck tunnel built by
Wittwer Construction at OSU Pickens Stadium. The
deck of the structure is supported by cast in place,
steel reinforced concrete beams. Supers involved
in this structure include Sam Jefferson, Tim Riggs,
Brad Griffin and Dennis Cooke. Project Manager
was David Burns

FMI Consultation

The consulting firm
FMI has worked
with Wittwer in recent months to assist in
the company's efforts to continually improve
in all areas of operations. FMI is a Florida
based company specializing in construction
company consultation. The procedure has
involved FMI staff interviewing numerous
Wittwer employees and discussing all as-
pects of the companies operations and look-
ing for areas where improvement can be
made. The information is then compiled by
FMI and recommendations are made. At the
fall supers meeting information from the FMI
consultation will be presented. That meeting
will be on October 26 and Dan has moved
the time to 12:00 noon.

If Employees are ever unsure about the safety of a task they should not proceed until contacting Noe Reyes or Doug Martin

SAFETY AND HEALTH

OVERHEAD POWERLINES

Over half of all construction related electrocutions are due to contact with overhead power lines.

When working around power lines the best accident prevention is to have the lines moved or the power turned off. If that can't be done the next best solution is to have the power company insulate the lines with sleeves or blankets. If neither of these options are possible then you must stay away from them. At least 10 ft, more if line is carrying more than 50,000 volts. Table at right shows required clearances.

Working Around Powerlines

Minimum Clearances In Feet

| Line Voltage (kV) | Minimum Clearance (ft.) |
|-------------------|-------------------------|
| 50 or below | 10 |
| Above 50 to 200 | 15 |
| Above 200 to 350 | 20 |
| Above 350 to 500 | 25 |
| Above 500 to 750 | 35 |
| Above 750 to 1000 | 45 |

Construction Industry #1 (In Workplace Fatalities)

safer than it used to be.

The number of construction fatalities rose nearly 3% in 2006, and construction's more than 1,200 deaths again made it the industry with the largest number of annual on-the-job fatalities, the Bureau of Labor Statistics has reported. But the construction fatality rate went down in 2006, its second-consecutive annual decline, as the number of workers in the industry continued to climb.

Construction is number one again in on-the-job deaths, but overall it is

| Construction Industry Fatalities: | Fatality Rate (per 100,000 workers): |
|-----------------------------------|--------------------------------------|
| 2006: 1,226 (preliminary) | 2006: 10.8 (prelim.) |
| 2005: 1,192 | 2005: 11.1 |
| 2004: 1,234 | 2004: 12.0 |
| 2003: 1,131 | 2003: 11.7 |

Source: Bureau of Labor Statistics

The latest yearly BLS Census of Fatal Occupational Injuries, released Aug. 9, says that there were 1,226 workplace fatalities in the construction industry in 2006, up 2.8% from the 2005 total of 1,192.

BLS also says that construction's 2006 fatality rate was 10.8 per 100,000 workers. That's down from 11.1 in 2005 and 12.0 in 2004. The number of workers in the industry rose from 10.3 million in 2004 to 11.4 million last year.

Construction's fatality rate ranks relatively high among major sectors, but is lower than that for agriculture, forestry, fishing and hunting (29.6), mining (27.8) and transportation and warehousing (16.3).

The total number of U.S. workplace fatalities declined one-half percent in 2006, to 5,703 according to BLS. The bureau also said that last year's overall fatality rate of 3.9 per 100,000 workers was the lowest since it began its census in 1992. The 2005 rate was 4.0.

Eight Principles of a safe Workplace

The National Association of Safety Professionals (NASP) has identified what it considers to be eight principles of a safe workplace. Those eight Principles are listed at the left.

In this newsletter Principle six is presented in more detail. Additional principles will be covered in future newsletters.

Principle #7 SAFETY PROGRAMS MUST BE SITE SPECIFIC WITH RECURRING AUDITS OF THE WORKPLACE AND PROMPT CORRECTIVE ACTION. The purpose of the workplace audit is to discover and remedy the actual hazards of the site before they can injure workers. Recurring hazard analyses, comprehensive inspections and aggressive investigations of accidents or near misses, discover potential workplace hazards and identify weaknesses in safety plans, programs, policies and procedures. A safety audit program is site specific. Whenever a safety deficiency is found, prompt action is required both to overcome the hazard and to reinforce the message that safety is a priority

8 Principles of a Safe Workplace

1. Safety is an ethical responsibility.
2. Safety is a culture not a program
3. Management is responsible
4. Employees must be trained to work safely
5. Safety is a condition of employment
6. All injuries are preventable
7. Safety programs must be site specific with recurring audits of the workplace and prompt corrective action
8. Safety is Good Business.



Project News



Nick Taylor and Mike Anderson Laying Pipe in Oklahoma City



Lakeview Stillwater Oklahoma Ron Dille and Jim Lemon were on this job, this day. Many others have put time in on this one.



Brad Griffin Prospecting For Oil at the Glenpool Wal-Mart



Relocating Utilities at Clinton



Nick Taylor Laying Pipe at OSU



Glenpool Wal-Mart (Ruperto Trujillo from Dennis Cooke's Crew

ODOT Commission Meeting (Sept. 2007)

At the September 10 meeting, Commissioners awarded contracts for two widening projects on US-70, \$10 million on a 3.9 mile stretch through Millerton in McCurtain Co. and \$7.7 million on a 2.6 mile stretch near Mead in western Bryan Co.

Commissioners also approved \$3.5 million for a bridge on US-64 west of Nash in Grant Co. and \$2.2 million for a bridge on SH-20 over Black Jack Creek west of US-169 in Tulsa Co. The bridges are part of a state-wide program to rebuild load-posted bridges which have a limited carrying capacity.

In all, commissioners awarded 39 contracts totaling \$51 million to improve highways, interstates and county roads in 26 counties. Projects including bridge and highway construction and reconstruction, resurfacing and safety improvements.

Contracts were awarded for projects in Adair, Alfalfa, Blaine, Bryan, Canadian, Comanche, Cotton, Craig, Custer, Grant, Harper, Jefferson, LeFlore, Love, Mayes, McClain, McCurtain, Murray, Muskogee, Noble, Oklahoma, Pushmataha, Sequoyah, Stephens, Texas and Tulsa Counties.

Busy Summer for WCCI

After the rains subsided in July the company was able to make extensive progress on a number of projects. The OSU stadium project is winding down but the company may continue to have a continued role on the expansions going on at OSU. The Glenpool Wal-Mart is coming to a close and Lakeview in Stillwater is almost complete.

Over the summer the company started highway project work in Oklahoma, Beckham, Logan, Washita, Custer, Kay, Dewey, Muskogee, Pontotoc and Osage counties in Oklahoma; and a project with T.J. Lambrecht in Travis Co. Texas.

Other jobs started in the last 6 months include Exchange Bank, Holiday Inn, and Starbucks all in Stillwater; and the Norman Auto Park with Clark Construction.

Rain Doesn't Stop Highway Construction in South America

In the southern jungles of Peru it isn't the heat so much as the humidity.

The rainy season that typically runs from November to April can bring daily torrents of rain that flood even the smallest waterway and leave the ground completely saturated for months on end.

Engineers with Conirsa, the Odebrecht-led consortium building the 400 kilometer stretch of the InterOceanic highway through the Madre de Dios department, devised a unique strategy to handle the problem – covering the job with a tent during the rainy months.

The tent will cover the two-lane roadway allowing paving operations to continue throughout the peak of the rainy season. Marcus Felipe, director of the Tramo III project, quickly saw the potential of the idea and decided to implement it in the project.

"If the tent is effective this year we will look at ways to expand using it in the future," he said.

Annual rainfall in the Madre de Dios region of Peru is estimated between 100 and 118 inches with as much as 80 percent of that total falling during the rainy season, according to Peru's meteorology and hydrology service SENAMHI. During peak months, as much as 20 inches may fall.



Conirsa engineers have built two tents manufactured by Coberturas Plasticas S.A. in Callao and cost a total of \$120,000 including transportation to the site. One is constructed of five meter sections and the other of ten meter sections. Each section is 12 meters wide and eight meters tall.

The arched iron metal frames are made of metal tubes protected by an anti corrosive surface coating. Each frame section is covered by a yellow plastic tarp 17.3 meters long and equal to the length of the given section that is tied to the frame with nylon rope. The yellow design permits the greatest amount of light.

In addition to the tents themselves four covered areas 100 meters (328 feet) in length and 30 meters (100 feet) wide were constructed along the road to protect the roadway construction material from the rain.

"during peak months 20 inches may fall" sounds like Stillwater in June

Even with the protection the tents provide, paving operations can only proceed at a fraction of the usual pace,

says Winston Villagomez, project engineer. During regular paving operations, crews work different sections of roadway simultaneously – preparing the road surface, laying the sub-base, laying the base and paving at different locations. Progress is limited to segments covered by the structure.

OSHA Cites 14,000 for High Worker Injury Rates

Approximately 14,000 employers have been notified that injury and illness rates at their work-sites are higher than average and that assistance is available to help them fix safety and health hazards, the Occupational Safety and Health Administration (OSHA) announced.

In a letter this month to those employers, OSHA explained that the notification was a proactive step to encourage employers to take steps now to reduce those rates and improve the safety and health environment in their workplaces.

"This identification process is meant to raise awareness that injuries and illnesses are high at these facilities," said OSHA Administrator Edwin G. Foulke, Jr. "Injuries and illnesses are costly to employers in both personal and financial terms. Our goal is to identify workplaces where injury and illness rates are high, and to offer assistance to employers so they can address the hazards and reduce occupational injuries and illnesses."

Establishments with the nation's high workplace injury and illness rates were identified by OSHA through employer-reported data from a 2005 survey of 80,000 worksites (the survey consisted of data from calendar year 2004). The workplaces identified had 6.0 or more injuries or illnesses resulting in days away from work, restricted work activity, or job transfer (DART) for every 100 full-time workers. The national average during 2004 was 2.5 DART instances for every 100 workers.

Employers receiving the letters were also provided copies of their injury and illness data, along with a list of the most frequently violated OSHA standards for their specific industry. The letter also offered the agency's assistance in helping turn the numbers around, suggesting, among other things, the use of free safety and health consultation services provided by OSHA through the states, state workers' compensation agencies, insurance carriers, or outside safety and health consultants.

An announcement of targeted inspections will be made later this year.

Trackhoe Accident Kills Truck Driver

On September 18, a Tulsa contractor experienced a fatal accident on one of their Tulsa jobs. A truck driver was standing at the back of his truck when he was backed into by a trackhoe excavator. Serious accidents like this could occur on any construction project, to any contractor if extreme caution is not exercised at all times. Wittwer construction sends its condolences to the family of the victim and the company during the difficult time that accompanies a serious workplace accident.

Pedestrian Killed on OKC Construction Site

A 14 year old pedestrian, reportedly jogging through a construction site was backed over and killed by a truck. The accident occurred in Oklahoma City, in July. The driver of the truck did not have a CDL and was arrested. This accident reminds the construction industry of the importance of securing job sites and only allowing qualified, licensed employees to operate equipment.