

FXSA, INC. NETWORK

Frank X. Spencer & Assoc., Inc. Consulting Civil Engineers & Surveyors

We Stand Committed!

www.fxsa.com

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AUGUST 2009

FXSA, Inc. Sets Aerial Control Under Extremely Tight Schedule - - -

544 Aerial Panels are Set Along the Rio Grande River from Sunland Park to Hatch, NM in 5 days - - -

Our firm was retained by S&B Infrastructure to provide ground support to conduct an aerial topographic survey of approximately 67 miles of levee along the Rio Grande River from Sunland Park, NM to Hatch, NM for the International Boundary and Water Commission (IBWC). The project had an extremely tight schedule to get it done. All ground survey control was to be done in 5 days after Notice to Proceed. "Setting ground control for these types of projects always represent a challenge, since we need to accomplish 1 foot contour accuracy even when the project is going to be flown. But to accomplish setting con-

trol for 67 miles in 5 days, that represented an unprecedented challenge" Victor H. Enciso, P.E. said. The project consisted of establishing primary and

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Frank X. Spencer, P.E., R.P.L.S.
President of FXSA, Inc.

secondary control for 67 miles, and set 544 aerial panels and 561 benchmarks in the ground. Normally, this type of work takes about three months to com-

plete. Through the use of innovative and creative methods, our surveying crews were able to accomplish this task in the timeline provided.

Furthermore, our team was also responsible for tying existing utilities, existing structures, and for conducting topographic surveys of void areas where the aerial photography was not able to triangulate. All this work was also done within a strict deadline given by the IBWC. "We were very excited about this project and very proud to have finished it within the deadlines provided to us" Frank X. Spencer, P.E., R.P.L.S., said.

American Recovery and Reinvestment Act (ARRA) of 2009 Applications - - -

City of Presidio and City of Valentine Submit Applications to Construct Long Time Needed Projects - - -

In early January 2009, Honorable Lorenzo Hernandez and Honorable Jesus "Chuy" Calderon, Mayors of the City of Presidio and City of Valentine, respectively, along with their respective city councils requested that FXSA, Inc. submit applications to the Texas Water Development Board (TWDB) for the Clean Water State Revolving Fund (CWSRF) program to construct long time needed sewer projects. On February 17, 2009 President Obama signed the American Recovery and Reinvestment Act (ARRA) of 2009 and the TWDB received \$173 Million for clean water programs. On March 31, 2009 both the City of Presidio and City of Valentine received invitation from the TWDB to submit survey responses in order to qualify for the ARRA funds through the CWSRF program. After receiving the information, the TWDB rated the projects based on disadvantaged community status, readiness to start construction, and green technology components, among other criteria. The City of Presidio was ranked 4th and is eligible for a \$9,515,000 grant to

construct a new wastewater treatment plant, modifications to lift station, and a new force main. The City of Valentine was ranked 1st and is eligible for a \$2,500,000 grant to construct a sanitary sewer collection system and new wastewater treatment plant. FXSA submitted final applications on July 22, 2009. When approved, this will benefit both cities tremendously since before the ARRA funds were available, the City of Presidio and the City of Valentine, under USDA loans/grants acquired to fund these projects would have had to repay approximately \$3,200,000 and \$100,000 respectively. Plans and applications are currently under review by the TWDB but the outcome looks very promising. If awarded, the construction contracts under these applications need to be executed by February 17, 2010.

FXSA, Inc. has been providing civil engineering and surveying services for the City of Presidio and City of Valentine since 1983 and is proud to be assisting with these very important projects to these entities and their citizens.

The Tornillo/Guadalupe International Bridge Moves Forward - - -

Phase 1A Moves Ahead - - -

The Tornillo-Guadalupe International Bridge project, formerly known as the Fabens-Caseta Bridge project, led by

SEA (Structural Engineering Associates) from San Antonio keeps moving forward. The construction of the first phase out of

four or Phase 1A is almost completed. The purpose of this phase was to clear and grub the project site for the Port of

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Entry (POE) to SH-10. Also, under this phase, access was provided from one end of the project to the other without having to use different access points throughout the area. The installation of the concrete pavement at the Tornillo Canal currently under the jurisdiction of the El Paso County Water Improvement #1 (EPCWID#1) was also part of this phase. All the main components of this phase have been completed.

Parallel to the construction of Phase 1A, the EPCWID#1 also buried T-131 lateral just south of SH-10. This inverted siphon installation was a key component of the project



Phase 1A: Contractor is Setting Foundation for Concrete Riprap

to allow for better grades at the interchange of the Manuel F. Aguilera Access Road and SH-10.

Once this important Phase 1A is completed, the team will move forward to complete Phase 1, which will consist of the construction of the Manuel F. Aguilera Access Roadway itself connecting the POE to SH-10. It is anticipated that construction will take place during 2010.

FXSA's New Website Coming Soon!

Words from our publisher - - -

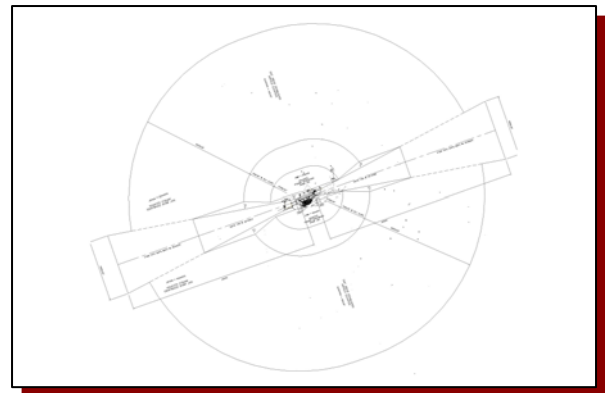
Dear Readers:

During the last few months, our surveying and support crews were engaged in one of the most challenging projects that we have had for some time. Survey crews were asked to deliver three weeks worth of work in one week and support personnel delivered four months of work in one month. We worked as a sub-consultant to S & B Infrastructure for a project with the International Boundary and Water Commission (IBWC) for the construction and reconstruction of river levees along both sides of the Rio Grande in Texas and New Mexico. We are very proud and appreciative of our survey crews and support personnel for working long hours and weekends to accomplish this enormous task. Our thanks also go out to their families for their understanding to work long hours. This was one successful project for the FXSA, Inc. Team. We thank you for your hard work, dedication, and commitment to our client.

Frank X. Spencer, P.E., R.P.L.S., President
Victor H. Enciso, P.E., Principal

US Army Corps of Engineers Fort Polk Airport Obstruction Chart (AOC) - - -

FXSA, Inc. performed professional surveying services for the US Army Corps of Engineers (USACE), Fort Worth District, at Fort Polk, Louisiana through an ID AE contract for survey and related services, primarily within the southwestern division boundaries (Texas, Louisiana, New Mexico, Oklahoma, and Arkansas). The firm under one work authorization conducted an Airport Obstruction Chart (AOC) survey of approximately 600 acres. Scope of services included horizontal and vertical control utilizing PACS, SACS, and NGS geodetic monuments; planimetric survey of existing parking lots, roadways, curb and gutter, landscaping areas, electrical poles, electrical features, natural ground, sanitary manholes, storm manholes, telephone manholes, electrical manholes, and all other appurtenances as required using the Fourth Edition of FAA No. 405 Standards of Aeronautical Surveys and Related Products; performed topographic survey of the runway, location of all runway markings, landing lights, heights of buildings, heights of trees that penetrated the 3-Dimensional Airport Obstruction Chart (AOC), NAVAIDS, and heights of all structures in air field. The survey was conducted conventionally and using state of the art GPS technology.



Outline of Imaginary Conical Surface for Fort Polk, LA

	Frank X. Spencer & Assoc., Inc. Consulting Civil Engineers & Surveyors		PRESORTED STANDARD US POSTAGE PAID EL PASO TX PERMIT NO 679
	1130 Montana Ave. El Paso, Texas 79902	P.O. Box 1087 Pecos, Texas 79772	
	elpaso@fxsa.com Return Service Requested		