

Survey Marker Data Sheet

Station: TV01

Vicinity Map: Reproduced from USGS "KROTZ SPRINGS, LA" DOQQ
State: Louisiana
County/Parish: St. Landry
Region: Southeast US
Nearest Town: Krotz Springs, LA
USGS Quad: Krotz Springs, LA
T.R.S.: Unknown
Nearest Hwy: LA Hwy 105
Hwy Mile Post: Unknown
B/L Station: N/A
B/L Offset: N/A



<p>Station Name: TV01 COE PID: To be determined NGS PID: N/A Date Set: July 22, 2006 Set By: Lowe Engineers LLC COE Job#: 06-094 Date Recovered: N/A Recovered By: N/A Owner: USACE</p>	<p>NAD83(CORS96:2002.0) Lat: 30°34'04.68697" N Lon: 91°45'41.41873" W LA SPCS83 South Zone (1702) Northing: 752,304.713 feet Easting: 3,146,075.426 feet NAVD88(2004.65) Elev: 45.13 feet (NAD83 "h" – GEOID03:05 "N" -44.81 feet minus -89.94 feet) Scale Factor/Convergence: Undetermined</p>	<p>Controlling Stations: NGS Stations E 284, 1407+40.38, and P 282</p> <p>Survey/Computation Method: Static, least-squares network adjustment by Lowe Engineers LLC</p> <p>Local Network Accuracy: 2σ Horiz: 0.007 meters = 0.023 feet 2σ Vert: 0.011 meters = 0.036 feet</p>
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Monument Location: The station is located at the Teche-Vermillion Pumping Station, being 1.5 miles north along LA Hwy 105 from the intersection of US Hwy 190 and LA Hwy 105 in Krotz Springs, LA. The station is on the east side of LA Hwy 105 at the pump station facility, 112 feet north of the south end of the elevated roadway leading to the pump house platform in the west curb.

Monument Description: The mark is a 3-1/2" brass disk set in the top of a concrete curb and stamped "TV01, 06-094".

Ref Marks:	NAVD88(2004.65):	Relative to TV01:	Brief Description:
E 284	37.47 feet	-7.66 feet	NGS Station used for GPS survey control
1407+40.38	61.45 feet	16.32 feet	NGS Station used for GPS survey control
P 282	29.17 feet	-15.96 feet	COE PBM at Teche-Vermillion Pump Station
Staff In "Zero"	-0.60 feet	-45.73 feet	COE Inflow Staff at Teche-Vermillion PS
Staff Out "Zero"	-0.58 feet	-45.71 feet	COE Outflow Staff at Teche-Vermillion PS

