



**Date : April, 2016**  
**End User : GVTC**  
**Installer : Harding Road Boring**  
**Venue : Gonzales, TX**

## Case Study

### Application: Directional Drilling (2 Conduits)

When GVTC in Gonzales, TX needed to pull fiber to a new construction site, they chose Vis™ Divide for the job. The fiber needed to cross a 4-lane highway with a wide grass median and drainage ditch. The job specified for GVTC to pull 12 strand, 0.48" fiber 580 feet so the decision was made to pull two 1.5" 2-cell Vis Divide conduits into a 6" bore. Vis Divide was placed onsite using the directional drilling method. Harding Construction from Bryan, TX, drilled a 3" hole going out, then used a larger drilling head on the pull back to obtain a 6" bore. The bore took approximately 3 hours to complete.

Alfred Riedel Utility Contractors performed the fiber pull and it took three hours as well since they needed to set the riser pole and pedestal. This job contained many bends and sweeps and therefore, cable pulling tension was a little high, but one man was able to pull it by hand. The pull consisted of 3x90° bends from the pole to the pedestal, a 45° bend coming off of the bore at the highway and a 16ft deep bend in the middle of the bore amounting to an approximate 30° bend that was needed to go under the median.

When the job was complete GVTC's engineers were excited at the new innovative solution Vis Divide can offer and stated they plan to evaluate using Vis Divide on future boring projects.



VIS DIVIDE ON REEL



VIS DIVIDE BEING PLACED

Product		HDD Details			Cable Installation			
Vis Divide Style	Section	Bore OD	Pull Length (Feet)	Number of Sweeps (Degrees)	12 Strand Armored Fiber O.D.	Time (Min)	Tensions (Lbs)	Final Fill Ratio
2x1.5" 2-cell	1	6"	2x290'	3-90° 1-45° 1-30°	.48"	180	placed manually	6.1%

# Vis™ Divide Case Study



PREPARING VIS DIVIDE



VIS DIVIDE - 2 CONDUITS PLACED SIMULTANEOUSLY



VIS DIVIDE READY TO BE PLACED



PULLING CABLE



BORING RIG



CABLE PLACED IN VIS DIVIDE