

AVT® EZ VALVE®

Vital Infrastructure Remains Operational While a Fire Hydrant is Repaired

CASE STUDY:

East Texas City

SUMMARY

- **Leaking fire hydrant required repair**
- **6" cast iron fire hydrant lead line**
- **Fire and police stations kept water supply thanks to install**

Hydratec Services, a trusted long-term partner of AVT, was called on to assist with the repair of a leaking fire hydrant in an East Texas location.

Hydratech owns the kit required to install AVT EZ Valves so when they learned about the issue, they knew the installation on an insertion valve was the best option.

The leaking fire hydrant could not be repaired under pressure so had to be shut off. This highlighted a number of issues:

- The closest isolation point was a good distance from the hydrant so up to three city blocks which included a hotel, several restaurants and retail properties, a police station and a fire station, would also need to lose their water supply for the repair to be completed.
- Fire hydrants sit on 'T' lines running from the main water line and these lines are too short for traditional line stops to be able to be fitted.

Hydratec Services sent a team of three water industry professionals who took just one-and-a-half-hours to install the EZ Valve on the 6" cast iron pipe.

KEY TAKEAWAYS

- **Police and Fire Station remained operational throughout install**
- **1.5 hour install**
- **Three blocks maintained water service**



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AVT's VP of Global Sales, Shawn Petty said: "Many times fire hydrants sit at the end of short pipes leading from water mains so installing traditional line stops is out of the question. The AVT EZ Valve can be installed on relatively short pieces of pipe and has time and time again proved itself to be the ideal solution when fire hydrant repairs are required."



Typical fire hydrant set up

Typically fire hydrants are supplied by a **'T' line**. This is a small section of water line that is fed by the **main** line running along a street.

Conventional water valves require a large section of pipe to be available when installed due to the need for at least two excavations for the fitting of line stops and a valve, but the AVT EZ Valve requires just one small excavation allowing them to be fit on this small 'T' line and isolate the hydrant without effecting the rest of the local water supply.



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