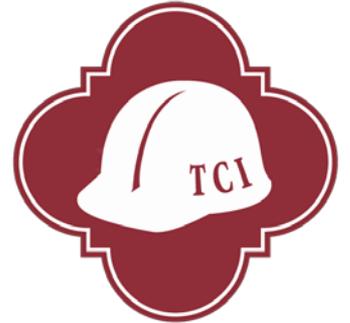


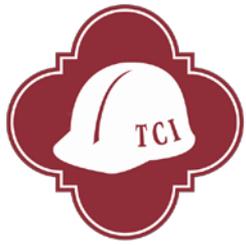
City of San Antonio

Micro Trench Pilot Program

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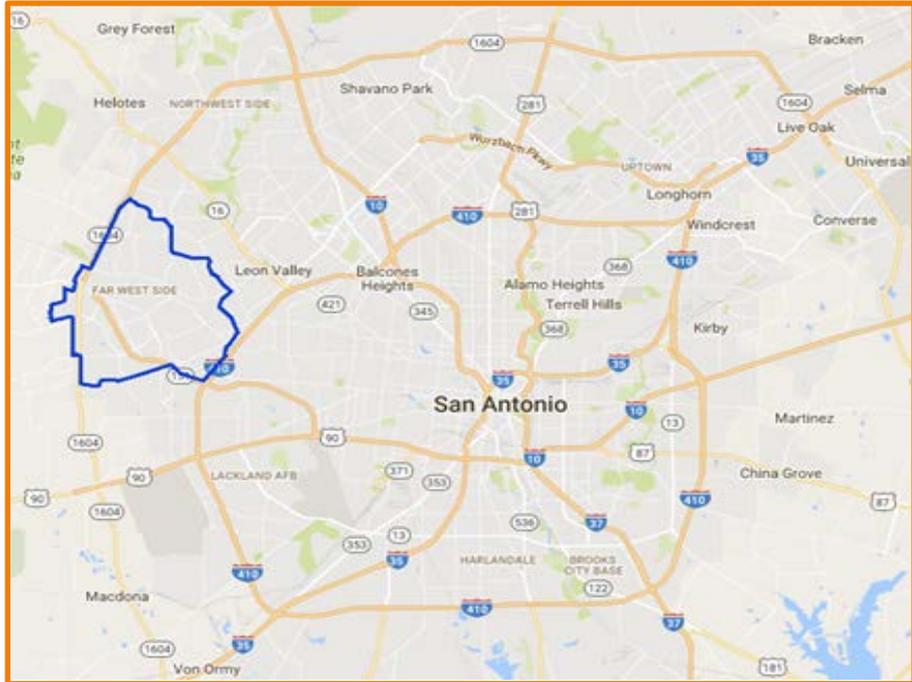
Presented by: Mike Frisbie, P.E.
Director

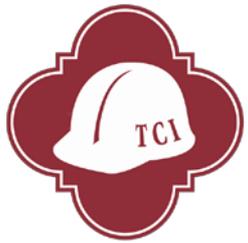




Pilot Program Map

Council District 6





Pilot Program Scope

- Pilot program allowing new construction method “micro trenching” in Council District 6
- Converts approximately 190 miles of underground boring and trenching



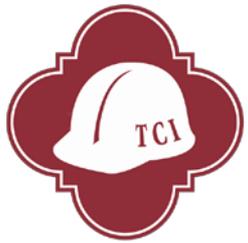
Micro-trench



Open trench



Directional Bore



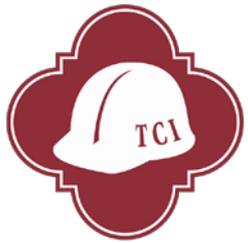
Pilot Program Benefits

- Less disruptive than traditional boring and trenching
- Reduces possibility of utility impacts
- Construction and completion time faster – days instead of weeks
- Reduces demands on City, SAWS, and CPS resources
 - Fewer locates and potholing due to reduced depth



Micro-trench Photos





Pilot Program Schedule

- Pilot for 9 months in 2017
- City will monitor and evaluate success for pilot based on following criteria:
 - Number of utility impacts (water, sewer, or gas strikes)
 - Pace of work and disruption to the right-of-way
 - Community support for the program

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