

**AN ORDINANCE 2016-09-29-0757**

**AUTHORIZING GOOGLE FIBER TEXAS, LLC, TO PILOT THE USE OF AN ALTERNATE CABLE BORING OR TRENCHING METHODOLOGY, MICRO-TRENCHING, WITHIN A DEFINED GEOGRAPHIC AREA, LOCATED IN COUNCIL DISTRICT 6, AS PART OF THEIR INSTALLATION OF A HIGH-SPEED FIBER NETWORK CITYWIDE.**

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**WHEREAS**, on August 5, 2015, Google Fiber Texas, LLC, (Google) announced it would be installing its high-speed fiber network for internet access service to the City of San Antonio; and

**WHEREAS**, micro-trenching is an alternate boring or trenching methodology that reduces the impact on the existing underground utilities and land surface in the right-of-way, being that the average width of a micro trench is .75 to 1.25 inches, and the average depth of a micro trench is 8 to 16 inches, as compared to the standard open trench with 30 by 30 inch dimensions; and

**WHEREAS**, in August of 2016 Google submitted a formal request to the City of San Antonio for the implementation of a micro-trench pilot program with regard to the installation of its underground fiber network in approximately 190 linear miles of right-of-way within a defined geographic area located in Council District 6, generally bounded by Loop 410 on the East, Hwy 151 and Potranco Road on the South, Loop 1604 on the West, and New Guilbeau, Tezel and Silent Sunrise roads on the North; and

**WHEREAS**, City of San Antonio staff will administer and monitor the micro-trench pilot program for a period of nine months to begin in 2017, and evaluate the success of said program based on criteria such as number of utility impacts, pace of work and disruption to the right-of-way, and community support for the program; and

**WHEREAS**, upon completion of the micro-trench pilot program and a review of the same, the Utility Excavation Criteria Manual may be revised to allow all right-of-way users the opportunity to utilize the micro-trenching construction method; **NOW THEREFORE:**

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:**

**SECTION 1.** The City Council supports the efforts of individuals and entities to investigate alternate methods of excavation that lessen the typical impact on existing underground utilities and land surface.

**SECTION 2.** The City Council authorizes Google Fiber Texas, LLC, to pilot the use of an alternate cable boring or trenching methodology, known as micro-trenching, with regard to the installation of its underground high-speed fiber network in approximately 190 linear miles of right-of-way within a defined geographic area located in Council District 6, generally bounded by Loop 410 on the East, Hwy 151 and Potranco Road on the South, Loop 1604 on the West, and

New Guilbeau, Tezel and Silent Sunrise roads on the North, and as depicted in **Attachment I** (Map). The pilot program will run for a period of nine months to begin in 2017.

**SECTION 3.** The City Council authorizes the City Manager, or her designee, to administer and monitor the micro-trench pilot program, collect data and information, and thereafter provide a report to the City Council. Subject to the subsequent review of the findings in said report, the City Council authorizes the City Manager, or her designee, to revise the Utility Excavation Criteria Manual to include the use of discretion in allowing right-of-way users the opportunity to utilize the micro-trenching construction method where appropriate.

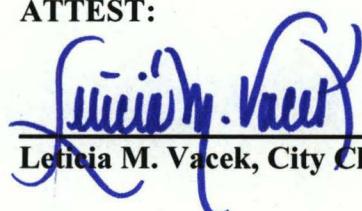
**SECTION 4.** This Ordinance shall be effective immediately upon passage by eight or more affirmative votes; otherwise, it shall be effective on the tenth day after passage.

**PASSED AND APPROVED** this 29<sup>th</sup> day of September, 2016.



M A Y O R  
Ivy R. Taylor

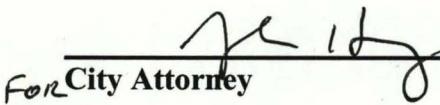
ATTEST:



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Leticia M. Vacek, City Clerk

APPROVED AS TO FORM:



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for City Attorney

<b>Agenda Item:</b>	41						
<b>Date:</b>	09/29/2016						
<b>Time:</b>	11:45:28 AM						
<b>Vote Type:</b>	Motion to Approve						
<b>Description:</b>	An Ordinance authorizing Google Fiber Texas LLC to pilot the use of an alternate cable boring or trenching methodology known as micro-trenching within a defined geographic area located in Council District 6 as part of their installation of a high-speed fiber network citywide. [Peter Zanoni, Deputy City Manager; Mike Frisbie, Director, Transportation & Capital Improvements]						
<b>Result:</b>	Passed						
Voter	Group	Not Present	Yea	Nay	Abstain	Motion	Second
Ivy R. Taylor	Mayor		x				
Roberto C. Treviño	District 1		x				
Alan Warrick	District 2		x				
Rebecca Viagran	District 3		x			x	
Rey Saldaña	District 4	x					
Shirley Gonzales	District 5	x					
Ray Lopez	District 6		x				
Cris Medina	District 7		x				
Ron Nirenberg	District 8		x				
Joe Krier	District 9	x					
Michael Gallagher	District 10		x				x

## Micro Trench Pilot Program Boundary Map

