

# Hidalgo County

## Resolution in support of Texas Tech University's National Science Foundation Proposal entitled 'Development of Resilience Roadmap for the Rio Grande Valley'

*Whereas* the four-county region that encompasses the Rio Grande Valley has a history of coastal and seasonal flooding as well as sea-level rise in remote and underdeveloped areas; and

*Whereas* a collaboration exists among the four counties – Hidalgo, Cameron, Willacy and Starr – to address these issues; and

*Whereas* a proposal has been developed by affiliates of the Department of Civil, Environmental and Construction Engineering at Texas Tech University; and

*Whereas* a major component of that proposal is the development of a comprehensive resilience roadmap that takes into account the social dynamics, hydrology, hazard threats, and climate change variance for this four-county region; and

*Whereas* this proposal was previously submitted to the National Science Foundation and endorsed for funding, but was ultimately not chosen for lack of funding; and

*Whereas* Texas Tech University is re-submitting the proposal for a \$150,000 planning grant that would also include the establishment of a foundation for collaborative problem-solving among researchers, practitioners, and community grass-root holders threatened by coastal and seasonal flooding and sea-level rise in a remote and underdeveloped region; and

*Whereas* the project is built on an existing collaboration among the four counties, which will be formalized through a Memorandum Of Agreement; and

*Whereas* the project intends to develop a suite of hydraulic and hydrology modeling tools to help local planners and engineers evaluate technical alternatives; and establish a knowledgebase that can be used by other regions experiencing rapid urbanization and climate change threats; and

*Now therefore, be it resolved* that the Hidalgo County Commissioners Court endorses the re-submission of this proposal for funding by the NSF and pledges to support this effort.

Approved this 16<sup>th</sup> day of February, 2021.



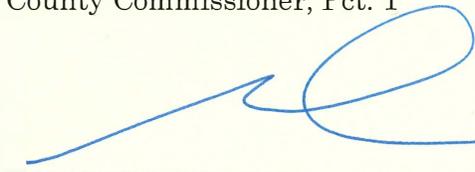
RICHARD F. CORTEZ  
County Judge



DAVID L. FUENTES  
County Commissioner, Pct. 1



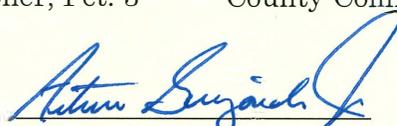
EDUARDO "EDDIE" CANTU  
County Commissioner, Pct. 2



EVERARDO "EVER" VILLARREAL  
County Commissioner, Pct. 3



ELLIE TORRES  
County Commissioner, Pct. 4



Attest: ARTURO GUÁJARDO, JR.  
County Clerk

