

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 16th day of February, 2021.

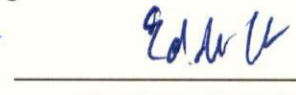




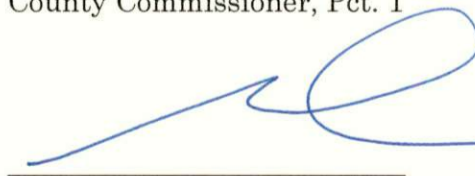
RICHARD F. CORTEZ
County Judge



DAVID L. FUENTES
County Commissioner, Pct. 1



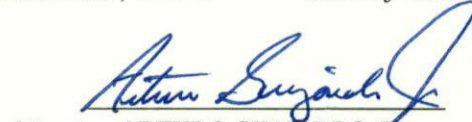
EDUARDO "EDDIE" CANTU
County Commissioner, Pct. 2



EVERARDO "EVER" VILLARREAL
County Commissioner, Pct. 3



ELLIE TORRES
County Commissioner, Pct. 4


Attest: **ARTURO GUAJARDO, JR.**
County Clerk