



AGENDA MEMO

6/18/2019 Agenda

TO: Honorable Mayor and City Council

FROM: Jacob Speer; Director of Public Works

SUBJECT: Subsurface Utility Engineering Proposal for Snider Plaza

BACKGROUND:

On November 6, 2018, the City Council approved a proposal with Pacheco Koch Consulting Engineers (PKCE) for design of utility replacements in and around Snider Plaza. Since approval of the contract, PKCE has completed their survey effort and provided the City with 30% plans. During development of these preliminary plans, a number of potential utility conflicts were identified. In order to minimize delays and unplanned costs during construction, PKCE recommends the City procure the services of The Rios Group to perform Level B Subsurface Utility Engineering (SUE) services at the potential utility conflict locations.

Level B SUE services include locating underground utilities from the surface using ground penetrating radar equipment as well as electromagnetic induction to locate city and franchise utility infrastructure. These services will allow us to identify precise utility locations and potential conflicts that are not identified by traditional surveying methods. The SUE services will then allow PKCE to modify the project design to account for these conditions before construction begins. Without the SUE service, these conflicts would not be identified until the contractor begins excavations for the project. Uncovering the issues at that time leads to delays while the engineer reviews the conflict and designs a plan revision.

PKCE has worked with The Rios Group for subsurface utility engineering services for more than five (5) years on a variety of projects and recommends them for this project.

RECOMMENDATION:

Staff recommends City Council approval of the proposal from The Rios Group for Level B SUE (Subsurface Utility Engineering) services at a cost not to exceed \$90,700.00.