



AGENDA MEMORANDUM

CONTACT: CLIF CUSTER

SUBJECT: RECONSTRUCTION OF ELLIS PARK WALKING PATH

SUMMARY:

It was requested of me in the April Council Meeting to get a quote illustrating costs to reconstruct the walking path at Ellis Park.

BACKGROUND INFORMATION:

To my understanding, the current walking path at Ellis Park is made up of a variety of different materials ranging from crushed concrete to cold-patch asphalt. Any extensive maintenance and repair have been achieved by efforts from Brazoria County Precinct 1. The path has never had reconstruction efforts performed, therefore does not have any recommendations or design criteria from Engineers in existence.

The path currently exists in moderate to poor condition. Despite any effort Public Works puts forward to sustain the path, the path will never be an implement of Ellis Park that maintains any substantial structural stability or achieves compliance with any Americans with Disabilities Act (ADA) compliance standard. Moderate to poor conditions exist for Ellis Park and Bobby Ford Park walking paths alike.

ISSUE:

When considering a project such as the reconstruction of the Ellis Park Walking Path, Council must be aware of a few factors.

1. If a reconstruction/construction project is initiated within the city utilizing public funding, and if the overall construction estimate exceeds \$20,000.00, Engineering is required by State Law.
2. Being that the walking path doubles as a driving path for mosquito fogging, park maintenance, Police patrol, other emergency services, etc., the path should be resilient enough to structurally stand up to a pre-determined amount of ESAL's (Equivalent Single Axle Loads) per year. This requires not just Civil Engineering, but Geotechnical Engineering as well.
3. Although the walking path does not fit the definition of a sidewalk, ADA compliance criteria should be taken into consideration when considering the reconstruction of the

walking path.

FISCAL IMPACT:

Engineering inclusive of Civil and Geotechnical = \$100,000.00

Construction (2 options quoted):

1. Reclaimed granite with 6-inch curb = \$177,500.00
2. Concrete path at 4-inch thick = \$230,900

Both construction options provide costs inclusive of a path 8 feet in width and a reclamation process using existing path material.

Total Cost Estimate:

Reclaimed Granite - \$277,500.00

Concrete - \$330,900.00

It is my recommendation to Council that if this project is considered, include no less than an additional \$50,000.00 contingency. This would be in consideration for subgrade treatment being more in depth than what was quoted, but to also compensate for rising costs of concrete and/or other necessary construction materials (Lime, Portland Cement, Base Material, etc.).

RECOMMENDATION:

Council provide staff with direction for the upcoming FY 24 Budget with regards to reconstructing the walking path at Ellis Park, or to sustain the path as it currently exists.