



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Session **MEETING DATE:** March 4th ,2025
FROM: Greg Bauer, Assistant Public Works Director
SUBJECT: City Council approval of pay application #7 to Kirby Development, Inc. In the amount of \$231,803.85, for the Julia Street Stormwater Improvement Project.

BACKGROUND

On the 12/19/23 Regular Session, The City Council passed Resolution No. R-26-2023, authorizing the City to borrow an amount not to exceed \$8,560,000.00 to finance the acquisition and construction of certain improvements to the City's Stormwater utility. The Julia Street Stormwater Improvement Project went through the formal bid process. Kirby Development, Inc. was the low bid.

The project consists of replacing approximately 1,200 linear feet (LF) of drainage pipe. Drainage pipe sizes range from 18" to 36". The drainage improvement project will consist of the installation of 6 inlets, manholes, and end walls. The project consists of curb and gutter, asphalt/roadway, sidewalk/driveway and riprap demolition and replacement.

On 8/6/24 City Council approved Change Order #1. Change order #1 was submitted to mitigate the conflict with the storm drainage system and the proximity of the electrical power poles. Change Order #1 includes moving the drainage system away from the poles with double inlet structures and changing the pipe material to Reinforced Concrete Pipe (RCP). The changes will allow for the electrical power poles to be safely held in place.

On 11/12/24 the City Council is presented with Change order #2. Change Order #2 includes the removal, replacement and re-mudding of three (3) sections reinforced concrete pipe (RCP), along with two riser sections and structure modifications needed from lowering of the pipe run between S-3 and S-4. Also included are two manhole conflict structures between structures S-5 and S-6. This includes the sewer removal and reconnection at these locations. Eight (8) contract days are requested due to Hurricanes Helene and Milton.

On 2/4/25 the City Council was presented with Change order #3. This adjustment dropped the elevation of the inlet tops to receive that water as our intent was to keep the south curb line at the existing elevation. The water table elevation in the low point area of structure S-3 measured 7.5 feet under the existing surface, which is suitable for the construction of the structure and the roadbed. During installation of structure S-3, it was apparent that the excavation broke confining clay layer that now allows the groundwater to "wick" upwards into the roadway stabilization. This was an unforeseen issue as we were confident that the groundwater would not affect the roadway foundation. To protect the improvements, we suggest the use of underdrain within the problem area, totaling 173 LF in length. This will passively collect the groundwater underneath the curb and direct it to structure S-3 to keep the roadway foundation dry. This will prolong the life of the roadway, curb, and drainage structures.

Pay application #7 is presented to Council for approval in the amount of \$231,803.28

Change order #1 was submitted in the amount of \$61,767.30.

Change order #2 was submitted in the amount of \$47,196.00

Change Order #3 was submitted in the amount of \$16, 101.73

Original contract amount- \$1,239,910.03

New contract amount- \$1,348,873.33

Total contract remaining- \$154,447.85

FISCAL IMPACT

\$231,803.28- Stormwater CIP.

RECOMMENDATION

Approval of pay application #7 to Kirby Development, Inc. In the amount of \$231,803.28, for the Julia Street Stormwater Improvement Project.