



Spangler Engineering LLC

CONSULTING CIVIL ENGINEERS

T. C. Spangler, Jr., P.E.

Kiley F. Bates, P.E.

Webb M. Anderson, P.E.

June 26, 2014

Honorable Mayson Foster, Mayor
and City Council
City of Hammond
P. O. Box 2788
Hammond, LA 70404

RE: Drainage Improvements [FY 2014]
Project # 420-11409

Gentlemen:

For the past several months we have been attempting to address several pressing drainage problems. Since the original bids came in about \$120,000 under budget, we have attempted to solve those problems within the current FY-2014 drainage appropriations.

Our surveys and analysis have led us to the following recommendations:

1. Extension of Harden Drive Drainage to Jackson Park: With the accelerated upgrades to Jackson Park, we want to extend the sidewalk work from Garner Street all the way to Jackson Park. In order to accomplish that goal, the deep ditch on the west side of Harden Drive will need to be covered (about 540'), at a total extra cost of \$35,139.90.
2. West Robert (100 & 200 blocks): During a private office renovation in the 100 block, the existing city storm drain pipe was discovered to be rusted out, collapsed, and plugged. The scope of this additional work is recommended to replace that pipe segment and continue the culvert work west to N. Magnolia Street, as our survey revealed additional deficiencies downstream, at a total extra cost of \$39,874.75.
3. N. General Pershing at SLU: Several sinkholes on N. General Pershing (near the SLU Teacher Education Center) were addressed by Robert Morgan. It was discovered that not only is the pipe crossing General Pershing collapsed and rusted out, but the downstream segment was in very poor condition, and tied in to the Box Culvert under the TEC. We have designed a remedy which would replace the deficient pipes and remove the tie-in from the RCB under the TEC, and fill the old pipe crossing under the TEC with flowable fill, all at a cost of \$50,909.25.
4. CN Railroad Permit: In order to install the new cross-drain under CN railroad, a permit is required. We have the permit in hand; however, CN is charging us \$12,200.00 for the permit (\$8,000.00 originally budgeted).

Mayor Mayson Foster & City Council
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The net result of the above items "1." – "3." is Change Order No. 1 on "Drainage Improvements [FY-2014]" in the net amount of \$125,923.90. In order to proceed with the above, it is recommended that \$21,000 be transferred from the FY-2015 drainage appropriation to the FY-2014 Drainage Improvements project.

We are recommending approval of "Budget Change Form 15-01" and "Change Order No. 1". If there are any comments or questions, please contact me.

Sincerely,



T. C. Spangler, Jr., P.E.

Attachments

cc: Mr. H. G. "Buddy" Ridgel
Mr. Robert Morgan
Ms. Syeda Naeem