

RESOLUTION

WHEREAS, the Township Council by Resolution No. 214-18 dated September 25, 2018 awarded the contract 2018 Street Improvements Phase IIB in the amount of \$2,267,911.78 to Granada Construction Company, 147 Thomas Street, Newark, New Jersey 07114; and

WHEREAS, the Township Engineer by letter dated August 2, 2019 recommended Change Order No. 1 in the amount of \$300,000 to allow additional work at the unit prices bid for the improvement of Mellon Avenue and Dawson Avenue due to their deterioration since the contract was bid and awarded in Summer/Fall 2018; and

WHEREAS, the Township Council by Resolution No. 204-19 dated August 13, 2019 approved Change Order No. 1 which was a 13.23 percent increase in the original contract amount; and

WHEREAS, the Township Engineer by letter dated October 1, 2019 recommended Change Order No. 2 in the amount of \$226,000.00 which reflects As-Built quantities and which will allow the completion of three street in the original project – Barbara Avenue and Maple Street and Kirk Street both between Franklin Avenue and Harrison Avenue; and

WHEREAS, the total increase in the contract from Change Order No. 1 and with Change Order No. 2 amounts to \$526,000.00 or an increase of 23.19 percent in the original contract amount; and

WHEREAS, Change Orders in excess of 20 percent are allowed by they require a certification from the Municipal Engineer as to the reason and nature of the change and why a new contract would interfere with the efficient completion of the work; and

WHEREAS, the Municipal Engineer by letter dated October 1, 2019 state the contract 2018 Street Improvements Phase IIB was a unit price contract and that Change Order No. 1 while changing the scope of the work did not change the nature of the work as quantities of the bid items were increased at the unit prices bid; and

WHEREAS, the Municipal Engineer by the same letter indicated that Change Order No. 2 was necessary to complete the project prior to the onset of winter which was not likely if a separate contract were bid; and

WHEREAS, the letter further indicates that a separate contract would likely result in a higher cost as unit prices for milling and paving were higher on a recently bid project: milling \$3.95 per square yard versus \$4.50 and paving \$81.50 per ton versus \$86.00; and

WHEREAS, the As-Built quantities for work completed to date were primarily due to an increase in quantities for storm drainage pipe, inlets and appurtenances to eliminate water flow onto streets in the project which then reduces winter icing making travel safer and increasing the longevity of the pavement; and

WHEREAS, the Township Engineer recommends the Change Order as necessary and beneficial;
and

WHEREAS, sufficient funds exist for the work under Change Order No. 2; and

WHEREAS, the Township Council concurs in the foregoing.

NOW, THEREFORE BE IT RESOLVED, by the Township Council of the Township of West Orange that Change Order No. 2 for the contract 2018 Street Improvements Phase IIB with Granada Construction Company, 147 Thomas Street, Newark, New Jersey 07114 in the amount of \$226,000.00 which along with Change Order No. 1 in the amount of \$300,000 represents a 23.19 percent increase in the authorized amount is hereby approved bringing the total authorized contract amount to \$2,793,011.78.

BE IT FURTHER RESOLVED that the total increase in spending from the original contract amount is \$526,000.00 consisting of \$300,000.00 previously approved by Change Order No. 1 and \$226,000.00 by this Change Order No. 2 bringing the total authorized amount to \$2,793,911.78 from the original contract amount of \$2,267,911.78.

BE IT FURTHER RESOLVED that the nature of the work under both Change Orders is roadway improvements consistent with the items of construction bid for the original contract.

BE IT FURTHER RESOLVED that the reason to expend the additional funds is for the efficient completion of the work before the onset of winter and at a lower cost if the remaining work consisting predominantly of milling and paving were bid as a separate project and contract.

BE IT FURTHER RESOLVED that this Resolution be published in the West Orange Chronicle on October 17, 2019.

KAREN CARNEVALE, R.M.C., MUNICIPAL CLERK

JERRY GUARINO, COUNCIL PRESIDENT

I hereby certify funds are available from:

ACCOUNT NO. 2018 STREET RSURFACING
IMPROVEMENTS 03-2544-18-0500-010
\$226,000.00

John Gross, Chief Financial Officer

October 1, 2019

CHANGE ORDER NO. 2

PROJECT: 2018 STREET RESURFACING PHASE IIB

**CONTRACTOR: GRANADA CONSTRUCTION COMPANY
147 THOMAS STREET
NEWARK, NEW JERSEY 07114**

ORIGINAL CONTRACT AMOUNT \$2,267,911.78

CHANGE ORDER NO. 1 FOR TWO ADDITIONAL STREETS \$ 300,000.00

ADJUSTED CONTRACT AMOUNT THROUGH CHANGE ORDER NO. 1 \$2,567,911.78

**CHANGE ORDER NO. 2 TO REFLECT AS-BUILT
QUANTITIES AND COMPLETION OF THREE PROJECT STREETS \$ 226,000.00**

ADJUSTED CONTRACT AMOUNT THRU CHANGE ORDER NO. 2 \$2,793,911.78

**PERCENTAGE INCREASE IN AUTHORIZED AMOUNT OVER
CHANGE ORDER NO. 1 8.80%**

**PERCENTAGE INCREASE OVER ORIGINAL CONTRACT AMOUNT
THRU CHANGE ORDER NO. 2 23.19%**

RECOMMENDED BY MUNICIPAL ENGINEER

LEONARD R. LEPORE

AGREED TO BY CONTRACTOR

GRANADA CONSTRUCTION COMPANY

APPROVED BY OWNER

TOWNSHIP OF WEST ORANGE

AUTHORIZED BY RESOLUTION NO. 236-19

DATED: October 7, 2019