



## **STAFF REPORT**

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### **Accepting Work, Approving Contract Change Order Numbers 1, 2, 3, 4, 5, 6, 7, 8 and 9, and Authorization to Issue a Notice of Substantial Completion for the Gordon Avenue and Hill Street Improvement Project, Redgwick Construction Company, City Contract Number 422**

November 12, 2003

Honorable Mayor and City Council:

#### **Summary**

The City Council is requested to accept the work, approve Contract Change Orders Number 1, 2, 3, 4, 5, 6, 7, 8 and 9 and authorize issuing a Notice of Substantial Completion to Redgwick Construction, Inc. for the Gordon Avenue and Hill Street Improvement Project, City Contract Number 422. This work was for sewer, drainage, and street improvements on Gordon Avenue and Hill Street. The final contract cost is \$207,880.17.

#### **Background and Discussion**

The City of Belmont awarded City Contract Number 422 to Redgwick Construction Company on June 25, 2002. The contract was for sewer, drainage, and street improvements on Gordon Avenue and Hill Street. Redgwick installed new sewer mains on Gordon and on Hill and completed full reconstruction of Gordon Avenue including new curbs, gutters, sidewalks, curb ramps and pavement. Redgwick completed the physical improvements in the late spring of 2003, but continued negotiations with staff concerning the final contract price adjustment for unit quantities and unit costs until October 2003. Redgwick's work has been inspected by the Department of Public Works and found to be substantially complete in accordance with the contract requirements.

The original contract amount is \$218,667.00 and the final contract amount is \$207,880.17. There are nine contract change orders to the contract:

Change Order One is a credit of \$169.76 to adjust the finished street width to improve the match to existing improvements. It is composed of charges for construction staking and additional demolition and credits for reductions of excavation, aggregate base rock, and asphalt.

Change Order Two is a charge of \$337.14 for regrading the roadbed subgrade and aggregate base to adjust a driveway approach on Gordon Avenue. The approach as designed did not conform to the existing conditions.

Change Order Three is a charge of \$619.95 to sawcut and demolish existing improvements at 860, 862 and 864 Gordon Avenue to allow installation of concrete formwork for a new sidewalk.

Change Order Four is a charge of \$829.98 to remove unstable material discovered at various locations beneath the roadbed. It includes scarifying the subgrade, excavating unsuitable material below subgrade, placing geotextile fabric and backfilling.

Change Order Five is a charge of \$2,718.00 to add nine curb drains (at a unit price of \$302) after it was discovered that nine property owners had existing drain lines through the existing curb.

Change Order Six is a credit of \$701.60 for deletion of a fog seal from the contract work. Fog seal is a very thin pavement surface treatment that evens out the color of pavement and provides limited sealing of surface defects. The project engineer determined that it was not necessary since the pavement was reconstructed as part of this project.

Change Order Seven is a credit of \$8,260.40 for deletion of the concrete work performed by others. At the request of the contractor, the project engineer had another contractor complete this work at a cost of \$8,260.40.

Change Order Eight is a charge of \$702.00 to reconstruct a catch basin on Hill Street.

Change Order Nine is a credit of \$6,863.12 for the adjustments of final quantities and contract pricing not otherwise accounted for in change orders one through eight.

### **Fiscal Impact**

The fiscal impact of City Contract Number 422, is as follows:

City Contract 422 – Original Contract Price	\$218,667.00
Change Order 1 – Decrease road width	-169.76
Change Order 2 – Regrade road base	337.14
Change Order 3 – Stabilize road base	619.95
Change Order 4 – Demo for concrete forms	829.98
Change Order 5 – Add nine curb drains	2,718.00
Change Order 6 – Omit fog seal	-701.60
Change Order 7 – Omit concrete work performed by other	-8,260.40
Change Order 8 – Reconstruct catch basin top	702.00
<u>Change Order 9 – Balance Final Quantities</u>	<u>-6,863.12</u>
Final Contract Price	\$207,879.19

City Contract Number 422 is funded from the FY 2002 Capital Improvement Program as follows:

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Street Fund, Project Account	234-4312-3075-9030	99,077.19
Sanitary Sewer Fund, Project Account	503-4326-7014-9030	87,120.00
Storm Drain Fund, Project Account	525-4315-6001-9030	21,682.00
Total		\$207,879.19

**Recommendation**

The City Council is requested to accept the work, approve Contract Change Order Numbers 1, 2, 3, 4, 5, 6, 7, 8 and 9, and authorize issuing a Notice of Substantial Completion to Redgwick Construction Company for the Gordon Avenue and Hill Street Improvement Project, City Contract Number 422.

**Alternatives**

1. Deny the request.
2. Refer back to staff for additional information.

**Attachments**

1. Resolution

Respectfully submitted,

Kathleen E. Phalen, P.E.  
City Engineer

Raymond E. Davis, III, P.E., PTOE  
Director of Public Works

Jere A. Kersnar  
City Manager

RESOLUTION NO. \_\_\_\_\_

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT ACCEPTING WORK, APPROVING CONTRACT CHANGE ORDER NUMBERS 1, 2, 3, 4, 5, 6, 7, 8 AND 9, AND AUTHORIZATION TO ISSUE A NOTICE OF SUBSTANTIAL COMPLETION FOR THE GORDON AVENUE AND HILL STREET IMPROVEMENT PROJECT, REDGWICK CONSTRUCTION COMPANY, CITY CONTRACT NUMBER 422**

WHEREAS, the City Council of the City of Belmont did on June 25, 2002, by virtue of Resolution 9259, award City Contract Number 422, the Gordon Avenue and Hill Street Improvement Project, to Redgwick Construction Company for \$218,667.00; and,

WHEREAS, Contract Change Orders Number 1, 2, 3, 4, 5, 6, 7, 8 and 9, with a net credit of \$10,786.83 have been approved by the Contractor and the Director of Public Works; and,

WHEREAS, the Project Engineer for City Contract Number 422 has reviewed the work performed under this contract and finds it to be substantially complete in accordance with contract requirements.

NOW, THEREFORE, BE IT RESOLVED that:

1. The project work is accepted as substantially complete.
2. Contract Change Orders Number 1 through 9 are approved for a final contract cost of \$207,880.17.
3. The City Clerk is directed to issue a Notice of Substantial Completion to Redgwick Construction Company for City Contract Number 422.
4. Funding is from the FY 2002 Capital Improvement Program:

Street Fund Project Account	234-4312-3075-9030	\$99,077.19
Sanitary Sewer Fund, Project Account	503-4326-7014-9030	\$87,120.00
Storm Drain Fund, Project Account	525-4315-6001-9030	\$21,682.00

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I hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of Belmont at a regular meeting thereof held on November 12, 2003, by the following vote:

AYES, COUNCILMEMBER(S): \_\_\_\_\_

NOES, COUNCILMEMBER(S): \_\_\_\_\_

ABSTAIN, COUNCILMEMBER(S): \_\_\_\_\_

ABSENT, COUNCILMEMBER(S): \_\_\_\_\_

\_\_\_\_\_  
Clerk of the City of Belmont

APPROVED:

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Mayor of the City of Belmont