



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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IN REPLY PLEASE
REFER TO FILE: **C-1**

August 31, 2004

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS
SUPERVISORIAL DISTRICTS 1, 3, 4, AND 5
3 VOTES**

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000170 - Hollyhills Drain, Unit 7, Cities of Beverly Hills, Los Angeles, and West Hollywood (3), Mike Bubalo Construction Co., in amount of \$17,314.62.

Project ID No. FCC0000522 - Palos Verdes-Walteria Drain, Cities of Torrance and Palos Verdes Estates (4), Vasilj, Inc., in amount of \$149,500.00.

Project ID No. RDC0014297 - Francisquito Avenue at Lark Ellen Avenue, et al., vicinities of West Covina and Covina (1 and 5), C. T. & F., Inc., in amount of \$18,095.48.

Project ID No. RDC0014389 - The Old Road at Biscailuz Drive, et al., vicinity of Castaic Junction (5), Steiny and Company, Inc., in amount of \$13,000.00.

Project ID No. TSM0010010 - Huntington Drive, et al., vicinities of Rosemead, Arcadia, Monrovia, and San Gabriel (1 and 5), C. T. & F., Inc., in amount of \$8,000.00.

Project ID No. WWD2900007 - Topanga-Fernwood Pipeline Replacement, vicinity of Fernwood (3), Vido Artukovich & Son, Inc., and Vidmar, Inc., in amount of \$108,047.31.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your ratification are changes in work which I ordered for Project ID No. TSM0010010.

Also enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. FCC0000170, FCC0000522, RDC0014297, RDC0014389, and WWD2900007.

Implementation of Strategic Plan Goals

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

FISCAL IMPACT/FINANCING

The estimated change order amounts for these contracts range from \$8,000.00 to \$149,500.00.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors
August 31, 2004
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CONCLUSION

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

DONALD L. WOLFE
Interim Director of Public Works

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Enc. 6

cc: Chief Administrative Office
County Counsel
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
August 31, 2004

PROJECT ID NO. FCC0000170, HOLLYHILLS DRAIN, UNIT 7 (Cities of Beverly Hills, Los Angeles, and West Hollywood), Supervisorial District 3,
Contractor: Mike Bubalo Construction Co.

Project Description:

Construction of a reinforced concrete pipe storm drain.

Changes in Work:

(1) Change Vertical Depths of Catch Basins	\$10,175.00
(2) Change Grades of Connector Pipes	5,100.00
(3) Exploratory Excavations	3,000.00
(4) Remove Shoring Tie-Backs	7,500.00
(5) Repair Traffic Signal Loops	6,085.25
(6) Delay Due to Interfering Utility	3,798.30
(7) Repair Traffic Signal Conduit	2,306.92
(8) Reconnect 10" Waterline	1,736.82
(9) Remove and Replace AC Pavement	654.45
(10) Support 8" Waterline and 12" Sanitary Sewerline	298.71
(11) Remove Interfering Portion of 4" Waterline and Delay Costs	201.67
(12) Relocate Manhole and Additional 84" Reinforced Concrete Pipe	(1,600.00)
(13) Bedding Material	(9,000.00)
(14) Value Engineering Change Proposal - Raise Grade	<u>(12,942.50)</u>
Total	<u>\$17,314.62</u>

Description of Changes:

(1) Due to existing field conditions, it will be necessary to adjust the vertical depths of several catch basins. It will be necessary to compensate the contractor for the increased cost of this work.

(2) In order to avoid conflict with existing utilities, it will be necessary to change the grades of connector pipes at various locations along the alignment of the storm drain. This work is not shown on the plans.

(3) Your Board previously approved a change in work to compensate the contractor for costs incurred to perform exploratory excavations to determine the exact locations of underground utilities within the storm drain construction area. The cost of this work will exceed the original estimate by the amount shown.

(4) Your Board previously approved a change in work to compensate the contractor for costs incurred to remove shoring tie-backs which interfered with a proposed jacking pit on Corey Avenue near Sunset Boulevard. The cost of this work will exceed the original estimate by the amount shown.

(5) It will be necessary to compensate the contractor for the repair of 11 traffic signal loops at the intersections of Santa Monica Boulevard and San Vicente Boulevard, Sunset Boulevard and Doheny Drive, and Sunset Boulevard and Corey Avenue. Seven of the loops were not shown on the plans and were damaged during excavation. The remaining four loops were shown on the plans but damaged by others during relocation of an existing 8" waterline which interfered with construction of the proposed storm drain.

(6) Your Board previously approved a change in work to compensate the contractor for delay costs incurred while a temporary bypass was installed by the City of Beverly Hills on a 10" water main which interfered with construction of the proposed storm drain. The delay costs will exceed the original estimate by the amount shown.

(7) It will be necessary to compensate the contractor for the repair of a 2" traffic signal conduit on Doheny Drive south of Shoreham Drive. The conduit was not shown correctly on the plans and was damaged during excavation for the proposed storm drain.

(8) Your Board previously approved a change in work to compensate the contractor for costs incurred to assist the City of Beverly Hills in reconnecting an existing 10" waterline on Doheny Road near Phyllis Avenue. The City had temporarily removed a portion of the waterline which interfered with construction of the proposed storm drain. The cost of this work will exceed the original estimate by the amount shown.

(9) Your Board previously approved a change in work to compensate the contractor for costs incurred to remove and replace 1,200 square feet of damaged asphalt concrete pavement on Sunset Hills Road north of Doheny Road. The cost of this work will exceed the original estimate by the amount shown. The City of West Hollywood will reimburse the County for the cost of this work which the City requested. This work was not shown on the plans.

(10) Your Board previously approved a change in work to compensate the contractor for costs incurred to support an 8" waterline and a 12" sanitary sewerline on San Vicente Boulevard north of Santa Monica Boulevard. These lines conflicted with the proposed storm drain and were not shown on the plans. The cost of this work will exceed the original estimate by the amount shown.

(11) Your Board previously approved a change in work to compensate the contractor for delay costs and costs incurred to remove a portion of a 4" waterline and thrust block which were not shown on the plans and interfered with construction of the proposed storm drain. The cost of this work will exceed the original estimate by the amount shown.

(12) To facilitate joining the proposed storm drain to an existing storm drain at the intersection of San Vicente Boulevard and Santa Monica Boulevard, a proposed manhole will be relocated downstream between the two drains, and 28' of proposed 90" rubber-gasketed reinforced concrete pipe (RCP) will be replaced with 84" RCP. The amount shown represents the difference in cost between the 84" and 90" RCP.

(13) Testing of excavated material from the storm drain construction area demonstrated that the material is suitable as bedding for the proposed storm drain. Using this material will eliminate the need for the contractor to import material resulting in the credit to the contract in the amount shown.

(14) The contractor submitted a value engineering change proposal to raise the grade along several reaches of the proposed storm drain which will result in a savings in the construction cost of the storm drain. In accordance with the contract specifications, the credit to the contract shown is one-half of the net savings realized by this change to the project.

The costs for Items 1, 2, and 3 are stipulated in the contract specifications. The costs for Items 4 through 11 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 12 will be based on contract unit prices. The costs for Items 13 and 14 were negotiated as provided in Subsection 3-2 of the contract specifications.

Eleven additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$6,998,871.00
Changes in work previously approved by the Board	473,191.35
Changes in work to be authorized	<u>17,314.62</u>
Revised contract amount	<u>\$7,489,376.97</u>

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CHANGE IN WORK (AUTHORIZE)
August 31, 2004

PROJECT ID NO. FCC0000522, PALOS VERDES-WALTERIA DRAIN
(Cities of Torrance and Palos Verdes Estates), Supervisorial District 4,
Contractor: Vasilj, Inc.

Project Description:

Construction of a reinforced concrete pipe storm drain system and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$ 5,700.00
(2) Realign Storm Drain	32,000.00
(3) Sewer Support	12,000.00
(4) Groundwater Interference	55,000.00
(5) Additional Base	36,000.00
(6) Retaining Wall	1,600.00
(7) Slurry Type II	6,000.00
(8) Inlet Repair	<u>1,200.00</u>
Total	<u>\$149,500.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) The plans show utilities crossing the storm drain at various locations. However, these utilities actually are parallel to and over the storm drain for a distance of approximately 150'. It will be necessary to realign the storm drain in order to avoid these utilities. The work also includes protection of additional utilities encountered.

(3) An 8" sewerline crosses over the storm drain and must be supported. This work is not shown on the plans.

(4) The contract plans indicate that groundwater will not be encountered. However, during excavation, groundwater was encountered at a few locations. It will be necessary to compensate the contractor for added labor, material, and equipment needed to complete the project within the groundwater areas.

(5) It will be necessary to increase the thickness of the base material from 2" to 6" to adequately support traffic loads.

(6) It will be necessary to build a retaining wall behind the catch basin located on Newton Street east of Los Codona Avenue to retain the existing slope.

(7) Because of the heavy vehicular traffic on various city streets, the City of Torrance has requested that Slurry Seal Type II be substituted for Slurry Seal Type I.

(8) It will be necessary to repair a damaged inlet at the intersection of Newton and 244th Streets.

The costs for Item 1 and a portion of the cost for Item 7 will be based on contract unit prices. The cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 3, 4, 5, 6, 8, and the balance of the cost for Item 7 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Fifteen additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$4,375,273.00
Changes in work previously approved by the Board	129,489.00
Changes in work to be authorized	<u>149,500.00</u>
Revised contract amount	<u>\$4,654,262.00</u>

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CHANGE IN WORK (AUTHORIZE)
August 31, 2004

PROJECT ID NO. RDC0014297, FRANCISQUITO AVENUE AT
LARK ELLEN AVENUE, ET AL. (in the vicinities of West Covina and Covina),
Supervisory Districts 1 and 5, Contractor: C. T. & F., Inc.

Project Description:

Installation of new traffic signals at Francisquito Avenue at Lark Ellen Avenue and the modification of traffic signals at Cypress Street at Lark Ellen Avenue.

Changes in Work:

(1) Exploratory Excavation	\$ 6,000.00
(2) Modify Type 15 Signal Pole	2,000.00
(3) Additional Electrical Work	<u>10,095.48</u>
Total	<u>\$18,095.48</u>

Description of Changes:

- (1) It will be necessary to have the contractor perform exploratory excavations to confirm the location of existing utilities.
- (2) In order to provide the required clearance from existing high voltage lines, it will be necessary to modify the specified signal pole. This work is not shown on the plans.
- (3) In order to meet the intent of the plans, it will be necessary for the contractor to install additional pull boxes, conduit, and cable.

The cost for Item 1 is stipulated in the contract specifications. The cost for Item 2 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 3 was based on contract unit prices.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$225,027.89
Changes in work to be authorized	<u>18,095.48</u>
Revised contract amount	<u>\$243,123.37</u>

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CHANGE IN WORK (AUTHORIZE)
August 31, 2004

PROJECT ID NO. RDC0014389, THE OLD ROAD AT BISCAILUZ DRIVE, ET AL.
(in the vicinity of Castaic Junction), Supervisorial District 5,
Contractor: Steiny and Company, Inc.

Project Description:

Installation of traffic signals; striping and pavement markings; and reconstruction of sidewalk, curb ramps, and curb and gutter.

Changes in Work:

(1) Exploratory Excavations	\$ 8,900.00
(2) Modify Type 15 Signal Pole	2,000.00
(3) Additional Pavement	<u>2,100.00</u>
Total	<u>\$13,000.00</u>

Description of Changes:

- (1) It will be necessary to have the contractor perform exploratory excavations to confirm the location of existing utilities.
- (2) In order to provide the required clearance from existing high voltage lines, it will be necessary to modify the specified signal pole. This work is not shown on the plans.
- (3) It will be necessary to install "All Weather" pavement on the crosswalk for pedestrian access at the intersection of Biscailuz Drive and The Old Road. This work is not shown on the plans.

A portion of the cost for Item 1 is stipulated in the contract specifications. The cost for Item 2 and the balance of the cost for Item 1 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 3 will be negotiated.

Seventeen additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$163,349.85
Changes in work to be authorized	<u>13,000.00</u>
Revised contract amount	<u>\$176,349.85</u>

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CHANGE IN WORK (RATIFY)
August 31, 2004

PROJECT ID NO. TSM0010010, HUNTINGTON DRIVE, ET AL. (in the vicinities of Rosemead, Arcadia, Monrovia, and San Gabriel), Supervisorial Districts 1 and 5, Contractor: C. T. & F., Inc.

Project Description:

Modification and synchronization of traffic signals.

Change in Work:

Additional Detector Lead-In Cable \$8,000.00

Description of Change:

Additional quantities of cable will be needed to complete the project in accordance with the plans. The cost for this item will be based on contract unit prices.

Two additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$1,364,107.91
Changes in work previously approved by the Board	211,587.59
Change in work to be ratified	<u>8,000.00</u>
Revised contract amount	<u>\$1,583,695.50</u>

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CHANGE IN WORK (AUTHORIZE)
August 31, 2004

PROJECT ID NO. WWD2900007, TOPANGA-FERNWOOD PIPELINE REPLACEMENT
(in the vicinity of Fernwood), Supervisorial District 3,
Contractor: Vido Artukovich & Son, Inc., and Vidmar, Inc.

Project Description:

Replacement of an existing watermain with a 16" steel watermain.

Changes in Work:

(1) Variations in Bid Quantities	\$ 16,825.00
(2) Replace Flexible Expansion Joints	35,000.00
(3) Flush Watermain and Repair Water Service	7,409.18
(4) Install Additional Connections	13,200.00
(5) Caltrans Inspection Fees	160.00
(6) Realign Watermain	34,889.57
(7) Install Additional Valve Stem Extensions	<u>563.56</u>
Total	<u>\$108,047.31</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) After pressure testing the newly installed watermain on Old Topanga Canyon Road, the flexible expansion joints installed at each end of the watermain crossing of an existing bridge moved slightly out of place. To meet the intent of the design, it was necessary to remove the flexible expansion joints and install solid pipe spools.

(3) Your Board previously approved a change in work to remove mud and debris from sections of the newly installed watermain flooded by a broken water service. The cost for this work, which includes repairing the water service, will exceed the original estimate by the amount shown.

(4) It will be necessary to install additional connections which are necessary for maintenance and future upgrades of the system. This work is not shown on the plans.

(5) It will be necessary to reimburse the contractor for Caltrans inspection fees as stipulated in the contract specifications.

(6) Your Board previously approved a change in work to realign several sections of the watermain to avoid existing utilities which are not shown on the plans. The cost of this work will exceed the original estimate by the amount shown.

(7) It will be necessary to install additional valve stem extensions to properly maintain the system. This work is not shown on the plans.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2 through 7 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Twenty-six additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,426,899.00
Changes in work previously approved by the Board	276,480.83
Changes in work to be authorized	<u>108,047.31</u>
Revised contract amount	<u>\$1,811,427.14</u>

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