

CHANGE ORDER(s)

AND /OR

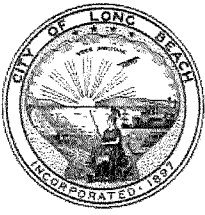
LETTER(s) OF EXTENSION

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**CONTRACT CHANGE ORDER NO. 001
DATED MARCH 12, 2018**

FILED WITH CONTRACT #34626

(SULLY-MILLER CONTRACTING CO)



City of Long Beach

Working Together to Serve

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CITY CLERK
LONG BEACH, CA

18 MAY -1 PM 4: 13

Memorandum

Date: March 22, 2018
To: Sean Crumby, Deputy Director/City Engineer
From: Marc Wright, Construction Services Officer
Subject: **CONTRACT CHANGE ORDER TRANSMITTAL MEMO**

PROJECT: Contract-34626, R-7026 6th Street Bicycle Boulevard

CONTRACTOR: Sully-Miller Contracting Co,

CCO#: 001

ORIGINATED FROM: Project Development

SOURCE OF FUNDING: CIP Projects

REASON: See Attached

COST (CCO #001): \$ 81,527.56

ORIGINAL CONTRACT: \$ 821,000.00

APPROVED CONTINGENCY (10%) \$ 82,100.00

ORIGINAL CONTRACT + CONTINGENCY (NOT TO EXCEED) \$ 903,100.00

TOTAL ESTIMATE AMOUNT OF CCO'S TO DATE \$ 81,527.56

TOTAL PERCENT (%) OF CONTINGENCY USED TO DATE 99.30%

PERCENT (%) OF REMAINING CONTINGENCY TO DATE 0.07%

OFFICE OF THE CITY MANAGER
CITY OF LONG BEACH
LONG BEACH, CA 90802

SULLY-MILLER CONTRACTING CO.
135 S. STATE COLLEGE BLVD., STE 400
BREA, CA 92821

DATE: 03/12/2018
R-7026
CONTRACT NO.: 34626
PROGRAM NO.: PWT010-17

PROJECT: 6TH STREET BIKE BOULEVARD

CONTRACT: CHANGE ORDER AUTHORIZATION NO. 1

PART 1 REASON FOR CHANGE

- 1.1 Change order required for field conditions that where significantly different than shown on the project plans, at the intersection of 6th St. and Park Ave., which necessitated time and materials tracking of labor, materials and equipment.
- 1.2 Change order required for placing and grading crushed miscellaneous base efforts, at 6th St. and Park Ave. and directly related to item 1.1, which necessitated time and materials tracking of labor, materials and equipment.
- 1.3 Change order required changed work for irrigation connection to City water main at the intersection of 6th St. and Havana Ave. for trench excavation, exposing existing water line, protecting and replacing excavated materials, and full depth asphalt concrete trench paving; which necessitated time and materials tracking of labor, materials and equipment.
- 1.4 The Change Order for irrigation connection to City water main at the intersections of 6th St. at Ultimo and Santiago Ave will be moved to Change Order # 02.
- 1.5 Change order required changed work for irrigation connection to City water main, at the intersections of 6th St. at Obispo, Temple and Molino Ave., for trench excavation, exposing existing water line, protecting and replacing excavated materials, and full depth asphalt concrete trench paving; which necessitated time and materials tracking of labor, materials and equipment.
- 1.6 Change order required for changed work of providing arrow board and changeable message board signs that were omitted from the bid documents; which necessitated time and materials tracking of labor, materials and equipment.
- 1.7 Change order required for changed work of providing water filled k-rail traffic control devices at 6th St. and Park Ave. that were omitted from the bid documents; which necessitated time and materials tracking of labor, materials and equipment.
- 1.8 Change order required for changed work of maintaining water quality protective measures (BMPs) for contaminated soils excavated from 6th St. and Park Ave., directly related to item 1.1, and temporarily stockpiled at the Long Beach Airport yard until appropriate disposal approvals could be obtained; which necessitated time and materials tracking of labor, materials and equipment.
- 1.9 Change order required for field conditions that where significantly different than shown on the project plans, at the intersection of 6th St. and Roswell Ave., which necessitated time and materials tracking of labor, materials and equipment.
- 1.10 Change order required for field conditions that where significantly different than shown on the project plans, at the intersections of 6th St. at Termino, Molino, Grand, and Obispo Ave., which necessitated time and materials tracking of labor, materials and equipment.
- 1.11 Change order required for changed work for irrigation connection to City water main, at the intersection of 6th St. at Termino Ave., for trench excavation and exposing existing water line, which necessitated time and materials tracking of labor, materials and equipment.
- 1.12 The Change Order for removing temporarily stockpiled contaminated soils will be moved to Change Order # 02.
- 1.13 Change order required for field conditions that where significantly different than shown on the project plans, at the 6th St. bike trail, which necessitated time and materials tracking of labor, materials and equipment.
- 1.14 Change order required for changed work for irrigation connection to City water main, at the intersections of 6th St. at Orizaba, Loma, and Grand Ave., for trench excavation and exposing existing water line, which necessitated time and materials tracking of labor.

- 1.15 Change order required for field conditions that were significantly different than shown on the project plans, at the intersection of 6th St. at Roswell Ave., which necessitated time and materials tracking of labor, materials and equipment.
- 1.16 Change order required for field conditions that were significantly different than shown on the project plans, at the intersection of 6th St. at Roswell Ave., which necessitated time and materials tracking of labor, materials and equipment.
- 1.17 Change order required for field conditions that were significantly different than shown on the project plans, at the intersections of 6th St. at Roswell, Temple, Molino, Obispo, Orizaba, Loma, Termino, Grand, Havana, Santiago, Flint, Ultimo Ave., which necessitated time and materials tracking of labor, materials and equipment.
- 1.18 Change order required for field conditions that were significantly different than shown on the project plans, at the intersections of 6th St. at Termino and Grand Ave., which necessitated time and materials tracking of labor, materials and equipment.
- 1.19 Change order required for field conditions that were significantly different than shown on the project plans, at the intersections of 6th St. at Roswell, Temple, Molino, Obispo, Orizaba, Loma, Termino, Grand, Havana, Santiago, Flint, Ultimo Ave., which necessitated a negotiated price in lieu of time and materials tracking of labor, materials and equipment.

PART 2 DESCRIPTION OF CHANGE

- 2.1 The plans indicated the street pavement structural section consisted of asphalt concrete (AC) over aggregate base over subgrade soils. Actual pavement structural section consisted of AC over pavement reinforcing fabric over Portland Cement Concrete (PCC) over subgrade soils. The subgrade soils were saturated clay which was unsuitable for compaction and required over-excavation, geogrid reinforcing fabric and additional crushed miscellaneous base (CMB) to stabilize the subgrade area. The changed conditions required changes to the contractor's means and methods of construction.
- 2.2 Additional efforts to place and grade CMB at the intersection of 6th St. and Park Ave. in order to achieve a stable subgrade at the proper grade for final pavement.
- 2.3 The plans indicated irrigation equipment was to be located in the parkway behind the curb and gutter, at the 6th St. and Havana Ave. intersection, with irrigation lines extending from the City water main to the irrigation equipment and to the intersection traffic circle. The agreed changed location for the irrigation equipment was into the intersection traffic circle; which shortened irrigation lines and placed the water meter in the traffic circle. The contractor worked in collaboration with the Water Department to minimize work efforts and public inconvenience.
- 2.4 The Change Order for irrigation connection to City water main at the intersections of 6th St. at Ultimo and Santiago Ave will be moved to Change Order # 02.
- 2.5 The plans indicated irrigation equipment was to be located in the parkway behind the curb and gutter, at intersections of 6th St. at Obispo, Temple and Molino Ave., with irrigation lines extending from the City water main to the irrigation equipment and to the intersection traffic circle. The agreed changed location for the irrigation equipment was into the intersection traffic circle; which shortened irrigation lines and placed the water meter in the traffic circle. The contractor worked in collaboration with the Water Department to minimize work efforts and public inconvenience.
- 2.6 Additional efforts to place and maintain arrow board and changeable message board signs for the 6th St. Bike Blvd. project from 7/28/2017 to 11/3/2017 in order to achieve the City's standards for temporary traffic control and project messaging.
- 2.7 Additional efforts to place and maintain water filled k-rail traffic control devices for the 6th St. Park Ave. project area from 8/29/2017 to 10/4/2017 in order to achieve the City's standards for temporary traffic control and pedestrian safety.
- 2.8 Additional efforts to place and maintain BMPs for temporarily stockpiled contaminated soils placed at the Long Beach Airport yard in order to achieve the City's water quality protective measures.
- 2.9 The plans indicated the size and location of intersection traffic circles that were subsequently changed in the field at the direction of the City. The contractor performed pavement sawcutting and removal as directed by the City and additional removals were requested by the design engineer. The design engineer's requested changes were approved and required additional efforts by the contractor and changes to the contractor's means and methods of construction.
- 2.10 The plans indicated the street pavement structural section consisted of asphalt concrete (AC) over aggregate base over subgrade soils. Actual pavement structural section consisted of

Portland Cement Concrete (PCC) over subgrade soils. The contractor removed pavement and constructed traffic circles as directed. However, the remaining slot trenches required placement of PCC pavement to restore the pavement section. The changed conditions required changes to the contractor's means and methods of construction.

- 2.11 The plans indicated irrigation equipment was to be located in the parkway behind the curb and gutter, at intersection of 6th St. at Termino Ave., with irrigation lines extending from the City water main to the irrigation equipment and to the intersection traffic circle. The agreed changed location for the irrigation equipment was into the intersection traffic circle; which shortened irrigation lines and placed the water meter in the traffic circle. The contractor worked in collaboration with the Water Department to minimize work efforts and public inconvenience.
- 2.12 The Change Order for removing temporarily stockpiled contaminated soils will be moved to Change Order # 02.
- 2.13 Additional efforts to remove wooden fence, import soil, delay caused by soils technician's equipment failure, placement of 10" PCC at grade bust, and additional pavement sawcutting and removals at each end of bike trail to create suitable joins with existing pavements.
- 2.14 The plans indicated irrigation equipment was to be located in the parkway behind the curb and gutter, at intersections of 6th St. at Orizaba, Loma, and Grand Ave., with irrigation lines extending from the City water main to the irrigation equipment and to the intersection traffic circle. The agreed changed location for the irrigation equipment was into the intersection traffic circle; which shortened irrigation lines and placed the water meter in the traffic circle. The contractor worked in collaboration with the Water Department to minimize work efforts and public inconvenience.
- 2.15 The plans indicated landscaping, including three 36" box King Palms, were to be located within a 12-foot diameter traffic circle. The City directed a 24-foot diameter traffic circle for this intersection and directed three 48" box King Palms be provided and installed in order to meet project objectives for the larger landscaped area.
- 2.16 The plans indicated landscaping, including three 5-gallon Agave plants, were to be located within a 12-foot diameter traffic circle. The City directed a 24-foot diameter traffic circle for this intersection and directed eighteen 15-gallon Agave plants be provided and installed in order to meet project objectives for the larger landscaped area.
- 2.17 The plans indicated landscaping, including root barriers, were to be located within a 12-foot diameter traffic circle. The City directed a 24-foot diameter traffic circle for this intersection and directed additional root barriers be provided and installed in order to meet project objectives for the larger landscaped area.
- 2.18 The plans indicated landscaping, including six 36" box King Palms, were to be located within two 12-foot diameter traffic circle. The City directed a 24-foot diameter traffic circle for these intersections and directed six 48" box King Palms be provided and installed in order to meet project objectives for the larger landscaped area.
- 2.19 The plans indicated landscaping, 30-day landscape maintenance, was to be located within twelve 12-foot diameter traffic circle. The City directed a 24-foot diameter traffic circle for these intersections and directed 30-day landscape maintenance be provided for the increased landscaped areas in order to meet project objectives for the larger landscaped area.

PART 3 CHANGE IN CONTRACT AMOUNT

A. BID ITEM QUANTITY ADJUSTMENTS	ADD	DEDUCT
• Delete 316.40 CY of Bid Item 1, Remove Existing AC Pavement		-\$ 32,589.20
• Add 3.50 CY of Bid Item 2, Remove Existing PCC Curb and Gutter	\$ 269.50	
• Delete 999.00 LF of Bid Item 3, Sawcut Existing AC Pavement		-\$ 2,997.00
• Delete 258.00 LF of Bid Item 4, Sawcut Existing PCC Pavement		-\$ 774.00
• Delete 15.80 CY of Bid Item 5, Remove Existing PCC Sidewalk		-\$ 1,595.80
• Delete 3,282.00 LF of Bid Item 6, Remove Paint Traffic Striping & Markings by Sandblast		-\$ 4,594.80
• Delete 263.92 Tons of Bid Item 7, Const. Full Depth AC Pavement		-\$ 32,462.16
• Add 362.50 LF of Bid Item 8, Const. 6" PCC Curb (Traffic Circle)	\$ 17,037.50	
• Add 75.00 LF of Bid Item 9, Const. 6" PCC Curb, SSPWC Type A-6	\$ 2,887.50	
• Delete 8.00 LF of Bid Item 10, Const. Mountable Curb (Dimensions per Plans)		-\$ 292.00
• Add 231.00 LF of Bid Item 11, Const. 6" PCC Curb & Gutter, GB A2-(6) 150, W=18"	\$ 6,930.00	
• Add 714.00 SF of Bid Item 12, Const. 6' Wide Ribbon Gutter	\$ 63,546.00	
• Delete 569.20 SF of Bid Item 13, Const. 3" Thick PCC Sidewalk		-\$ 3,699.80
• Delete 11.00 SF of Bid Item 14, Const. 12" Thick Stamped Concrete (Roundabout)		-\$ 352.00
• Delete 8.0 EA of Bid Item 16, Const. PCC SW Ramp GB 116, Case A, Type 4 w/Spandrel		-\$ 13,200.00
• Add 91.30 SF of Bid Item 18, Const. PCC Driveway Type 1 (Dimensions per Plan)	\$ 1,004.30	
• Delete 50.00 SF of Bid Item 19, Const. 4" Thick PCC Pavement (Bike Path)		-\$ 462.50
• Delete 17.50 SF of Bid Item 21, Const. Yellow Detectable Warning Surface		-\$ 542.50
• Delete 3.0 EA of Bid Item 24, Adjust Utility Access Hatch to Outside of Curb and Gutter		-\$ 13,050.00
• Add 5.0 EA of Bid Item 25, Adjust Manhole/Handhole to Grade	\$ 6,000.00	
• Add 87.30 CY of Bid Item 26, Unclassified Excavation	\$ 9,603.00	
• Delete 4.0 EA of Bid Item 27, Survey Monument Type C with Casting and Cover		-\$ 7,800.00
• Delete 4.0 EA of Bid Item 28, Install Survey Monument Casting and Cover		-\$ 7,800.00
• Delete 3.0 EA of Bid Item 29, Adjust Survey Monument Casting and Cover		-\$ 4,800.00
• Delete 16.0 EA of Bid Item 30, Survey Bench Mark, Type 1		-\$ 23,200.00
• Add 295.0 EA of Bid Item 31, Plant (5 Gallon Container)	\$ 10,915.00	
• Add 1,218.0 EA of Bid Item 32, Plant (1 Gallon Container)	\$ 22,533.00	
• Delete 1.0 EA of Bid Item 33, Plant (36" Box)		-\$ 1,850.00
• Delete 215.00 SF of Bid Item 35, Sod Turf		-\$ 860.00
• Add 26.50 CY of Bid Item 36, Wood Mulch	\$ 4,690.50	
• Add 67.50 CY of Bid Item 37, Base Fill	\$ 5,805.00	
• Delete 13.0 EA of Bid Item 38, Connection to Existing Water Source		-\$ 37,050.00
• Delete 13.0 EA of Bid Item 39, Irrigation Meter		-\$ 6,045.00
• Delete 7.0 EA of Bid Item 41, 1" Remote Control Valve		-\$ 3,010.00
• Add 4.0 EA of Bid Item 45, Tree Well Sprinkler Assembly	\$ 460.00	
• Delete 88.00 LF of Bid Item 46, 2" Plastic Pipe Supply Line (Class 315)		-\$ 2,200.00
• Delete 544.00 LF of Bid Item 48, 4" Conduit Sleeve		-\$ 32,640.00
• Add 929.00 LF of Bid Item 49, 1" Plastic Pipe Supply Line (Schedule 40)	\$ 3,716.00	
Subtotal	\$ 155,397.30	-\$ 233,866.76
TOTAL (Deduct)		-\$ 78,469.46

B. EXTRA WORK/ADJUSTMENT IN COMPENSATION AT AGREED PRICE

In accordance with procedures for changes in the work established in the specifications, you are authorized to do the following:

- 3.1 This payment includes costs for work at the intersection of 6th Street and Park Ave to remediate unstable roadway subgrade. These costs include removal of AC, pavement fabric, PCC, and unsuitable materials; placement of geogrid fabric and CMB. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$59,853.25.

- 3.2 This payment includes costs for work at the intersection of 6th Street and Park Ave to place and grade Crushed Miscellaneous Base course. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$3,402.20.
- 3.3 This payment includes costs for all work associated with relocating irrigation equipment and connecting the irrigation to City water main at the intersection of 6th St. and Havana Ave. These costs include asphalt pavement removal, soil excavation, metal trench plates, trench backfill and compaction, and full depth asphalt concrete trench paving. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$5,800.78.
- 3.4 The Change Order for irrigation connection to City water main at the intersections of 6th St. at Ultimo and Santiago Ave will be moved to Change Order # 02.
- 3.5 This payment includes costs for all work associated with relocating irrigation equipment and connecting the irrigation to City water main at the intersections of 6th St. at Obispo, Temple and Molino Ave. These costs include asphalt pavement removal, soil excavation, metal trench plates, trench backfill and compaction, and full depth asphalt concrete trench paving. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$4,360.60.
- 3.6 This payment includes costs to place and maintain arrow board and changeable message board signs for the 6th St. Bike Blvd. project from 7/28/2017 to 11/3/2017. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$21,672.50.
- 3.7 This payment includes costs place and maintain water filled k-rail traffic control devices for the 6th St. Park Ave. project area from 8/29/2017 to 10/4/2017. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$1,311.08.
- 3.8 This payment includes costs to place and maintain BMPs for temporarily stockpiled contaminated soils placed at the Long Beach Airport yard. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$1,435.28.
- 3.9 This payment includes costs to modify the size and location of the intersection traffic circle at 6th St. and Roswell Ave to match field conditions. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$3,831.15.
- 3.10 This payment includes costs to patch back construction slot with PCC to match existing pavement section at the intersections of 6th St. at Termino, Molino, Grand, and Obispo Ave. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$2,153.85.
- 3.11 This payment includes costs for all work associated with relocating irrigation equipment and connecting the irrigation to City water main at the intersection of 6th St. and Termino Ave. These costs include asphalt pavement removal, soil excavation, metal trench plates, trench backfill and compaction, and full depth asphalt concrete trench paving. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$1,980.28.
- 3.12 The Change Order for removing temporarily stockpiled contaminated soils will be moved to Change Order # 02.
- 3.13 This payment includes costs to remove wooden fence, import soil, delay caused by soils technician's equipment failure, placement of 10" PCC at grade bust, and additional pavement sawcutting and removals at each end of the 6th St. bike trail. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$7,990.56.
- 3.14 This payment includes costs for all work associated with relocating irrigation equipment and connecting the irrigation to City water main at the intersections of 6th St. at Orizaba, Loma, and Grand Ave. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$4,558.96.
- 3.15 This payment includes costs to increase the box size from 36" to 48" of the three King Palms provided and installed at the intersection of 6th St. at Roswell Ave. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$7,950.00.

- 3.16 This payment includes costs to plant an additional fifteen 5-gallon Agave plants at the intersection of 6th St. at Roswell Ave. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$3,243.60.
- 3.17 This payment includes costs to install additional root barrier at the intersections of 6th St. at Roswell, Temple, Molino, Obispo, Orizaba, Loma, Termino, Grand, Havana, Santiago, Flint, Ultimo Ave. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$2,577.92.
- 3.18 This payment includes costs to increase the box size from 36" to 48" of the six King Palms provided and installed at the intersections of 6th St. at Termino and Grand Ave. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$15,900.00.
- 3.19 This payment includes costs for 30-day landscape maintenance for the additional landscape areas created by larger traffic circles constructed at the intersections of 6th St. at Roswell, Temple, Molino, Obispo, Orizaba, Loma, Termino, Grand, Havana, Santiago, Flint, Ultimo Ave. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the lump sum of \$11,975.01.

The Agreed Lump Sum Costs described above total \$159,997.02 and include all contractor markups.

- Net Bid Item Quantity Adjustment	=	- \$ 78,469.46
- <u>Net Extra Work/ Agreed Price</u>	=	<u>\$ 159,997.02</u>
- Net to Contract Cost	=	\$ 81,527.56

PART 4 CHANGE IN CONTRACT TIME

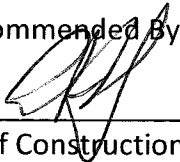
Time for completion of all work under the contract will be extended 10 Working Days beyond the Deputy Director/ City Engineer's Signature.

By signing this change order, the Contractor acknowledges that it is familiar with California Civil Code Section 1542, which reads: "A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor;" and Contractor hereby releases the City of Long beach from any unknown claims and waives its rights under Section 1542.

The Prices set forth herein above shall be considered full compensation for all obligations of the Contractor associated with this change order, and the City will not be liable for any claim of the Contractor for delays or extra compensation resulting from performance of the requirements of this change order.

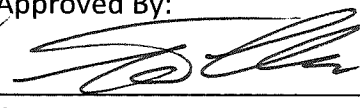
Recommended By:

Approved By:



Chief Construction Inspector (Date)

3-15-2018




Contractor (Date)

3/15/18




Construction Services Officer (Date)

3/16/18



Deputy Director/City Engineer (Date)

4/24/2018



Project Manager (Date)

3/15/18



Financial Management (Date)

4-24-18

DEPARTMENT OF PUBLIC WORKS
CAPITAL IMPROVEMENT PROJECTS
Certification of Materials or Services

Vendor ID# V027174

POPW 17000028

Proj/Proj detail PW T010/1730

Index/Subobject PWCIPCR/212017

Grant/Grant detail _____

User Code _____

By  _____ 3/21/18

DATE