



Change Order Number: 5
Project Name: Belt Line Road Underground Utilities
Project Number(s): 14-10
Project Manager: Kent Power/Ryan Reynolds
Date: 1/28/2016

A. INTENT OF CHANGE ORDER

Change Order increases the quantity of telecommunication duct and new traffic cameras as well as replaces the existing double row live oak trees in the Belt Line median with a single row of high rise live oak trees.

B. DESCRIPTION OF CHANGE

Item 5.1 – Telecommunications Duct Lateral Tie-in:

Additional conduit is being placed along the North and South right of way at each of the telecommunications duct bank lateral crossings. The additional duct will allow for sweeping arcs in lieu of 90 degree angles.

Item 5.2 – Tree Replacement with High Rise Live Oak:

All median Locations with a double row of live oak trees are being replaced with the preferred single row of high rise live oak trees.

Item 5.3 – Traffic Camera Upgrades:

Includes replacement of out of contract traffic cameras that were to remain in place at intersection upgrades.

Item 5.4 – AT&T Cable and Fiber Installation:

Includes previously anticipated AT&T cabling pulling effort that was excluded from AT&T's contract with Addison. Work to be performed by JBC under management of Addison.

C. REASON FOR CHANGE

Item 5.1 – Telecommunications Duct Lateral Tie-in:

During construction it was discovered that the designed telecommunications laterals crossing Belt Line would not allow for effective pulling of cable and would not allow for circuits in the North and South right of way to be joined. The additional conduit provides a better cable pulling environment and allows for the circuits along each right of way to tie-in to one another for increased level of service and greater redundancy.

Item 5.2 – Tree Replacement with High Rise Live Oak:

Replacing the double row of live oaks with a single row of high rise live oaks will more closely match the preferred landscaping scheme within the medians. The single row of high rise live oaks provides greater visibility without sacrificing the aesthetic goal of the median landscaping.

Item 5.3 – Traffic Camera Upgrades:

The existing traffic cameras in use by Addison are no longer supported. The existing contract includes the new replacement cameras and cabling infrastructure on all traffic signal upgrades, however, due to the differing cable infrastructure of the new replacement cameras it will not be possible to replace the 'out of contract' cameras on an as needed basis. Including the cameras currently out of contract will ensure the most cost effective replacement of these items.

Item 5.4 – AT&T Cable and Fiber Installation:

The effort for pulling AT&T telecommunications cable was removed from the contract between Addison and AT&T and proposed as a change order to Addison's contract with JBC. JBC is listed as an AT&T certified contractor providing Addison the opportunity to reduce the management fee proposed by AT&T. Shifting the effort from the AT&T contract to JBC's construction contract reduced AT&T's management fee by \$4,900.

D. EFFECT OF CHANGE ON CONTRACT PRICE

This change order will have the following effect on the cost of this project:

Item Number/Description	Quantity	UT	Amount
5.1 Telecommunications Duct Re-Route			
Additions			
1. AT&T Handhole	2	EA	\$ 11,030.00
2. 2C4 Duct Bank	115	LF	\$ 12,305.00
3. 4C4 Duct Bank	148	LF	\$ 19,684.00
5. 10C4 Duct Bank	200	LF	\$ 35,400.00
6. 2C3 Duct Bank	60	LF	\$ 6,420.00
7. 10C4/2C3/2E4 Duct Bank	50	LF	\$ 12,000.00
8. Iron Rods and End Caps	13	EA	\$ 650.00
Deletions			
1. 6C4 Duct Bank	222	LF	\$ 32,190.00
1. 8C4 Duct Bank	76	LF	\$ 11,704.00
2. 8C4/2C3/2E4 Duct Bank	50	LF	\$ 11,750.00
Telecommunications Duct Re-Route Total Cost:			\$ 41,845.00
5.2 Tree Replacement with High Rise Live Oak			
Additions			
1. Tree Removal	20	EA	\$ 19,400.00
2. Place High Rise Live Oak (4" Caliper)	16	EA	\$ 22,384.00
Deletions			
1. Standard Live Oak	3	EA	\$ 2,940.00
Tree Replacement with High Rise Live Oak Total Cost:			\$ 38,844.00
5.3 Traffic Camera Upgrades			
Additions			
1. VIVDS Processor System	2	EA	\$ 770.00
2. VIVDS Camera	8	EA	\$ 4,400.00
3. VIVDS Setup System	2	EA	\$ 2,640.00
Traffic Camera Upgrades Total Cost:			\$ 7,810.00
5.4 AT&T Cable and Fiber Installation			
See attachments for detailed line-item break-down	1	LS	\$ 169,387.68
Total for Items 5.1, 5.2, 5.3, and 5.4			\$ 257,886.68
Original Contract Amount			8,820,801.80
Total Contract Amount (Including Previous Change Orders)			8,891,935.80
Amount of this Change Order			257,886.68
Revised Contract Amount			9,149,822.48
Total % Increase/Decrease (Including Previous Change Orders)			3.7%

E. EFFECT OF CHANGE ON CONTRACT TIME

The work required under this change will add the following time to the contract:

Item Number/Description	Quantity
5.1 Telecommunications Duct Re-Route	14
5.2 Tree Replacement with High Rise Live Oak	11
5.3 Traffic Camera Upgrades	7
5.4 AT&T Cable and Fiber Installation	42
Original Contract Time (in days)	468
Total Contract Time Including Previous Change Orders (in days)	658
Increase/Decrease in Time from this Change Order (in days)	74
Revised Contract Time (in days)	732

F. AGREEMENT

By the signatures below, duly authorized agent of the Town of Addison, John Burns Construction Company of Texas, Inc. do hereby agree to append this Change Order Number 4 to the original contract between themselves, dated 01/11/2014 (insert original contract date).

John Burns Construction Company of Texas, Inc.
Company Name

P.O. Box 1117

Lewisville TX 75067
City State Zip

(972) 434-6789
Phone

Project Manager

Contractor's Signature

Department Director

Design Engineer's Signature

Fin. & Strat. Services Representative

Design Engineer's Signature

City Manager

Copies: Contractor (2)
Department
City Secretary
Strategic Services Manager

Council Agenda: Agenda Date _____
(if applicable) Item Number _____
Approved _____



john burns
construction company
of Texas, Inc.

P.O. BOX 1117
LEWISVILLE, TEXAS 75067
METRO (972) 434-6789
FAX NO. (972) 221-8301

DRISKOLL TUBBS
Executive Vice President

MIKE BORSTAD
Vice President - Operations

CLAUDIA THOMAS
Secretary

JEROME P. KAMRADT
Treasurer

January 28, 2016

Town of Addison – Infrastructure and Operations Services
16801 Westgrove Dr.
Addison, Texas 75001

Attn: Ms. Lisa Pyles

Re: Belt Line Road Electrical Underground PH I – PCO #5 – Duct Re-Route per RFI #024_REV2

Dear Ms. Pyles:

John Burns Construction would like to present this potential change order to add the quantities of duct bank outlined in the response to RFI #024 to the contract. Per the RFI clarification was needed at several corners where the connections were unclear. Several runs of duct were up-sized to ensure that a continuous duct run would be installed. Please see the attached quantity sheet and change order summary sheet for more details.

This price of this contract change is Forty One Thousand Eight Hundred Forty Five Dollars and Zero Cents (\$41,845.00). JBCCO estimates that this will add Fourteen (14) calendar days to the project duration. Please see the attached sheet for a unit price break down.

Sincerely,

Kyle Pedigo
Project Manager



SINCE 1906
WE ARE AN EQUAL OPPORTUNITY CONTRACTOR

**Belt Line Infrastructure Improvements
Town of Addison
Telecommunications Duct Re-Route - RFI #024**

BID ITEM #	BASE BID DESCRIPTION	QTY	UT	UNIT PRICE	ACTUAL TOTAL
10.01	AT&T HANDHOLE	2	EA	\$ 5,515.00	\$ 11,030.00
10.05	2C4 DUCT BANK	115	LF	\$ 107.00	\$ 12,305.00
10.06	4C4 DUCT BANK	148	LF	\$ 133.00	\$ 19,684.00
10.08	6C4 DUCT BANK	(222)	LF	\$ 145.00	\$ (32,190.00)
10.15	8C4 DUCT BANK	(76)	LF	\$ 154.00	\$ (11,704.00)
10.17	8C4/2C3/2E4 DUCT BANK	(50)	LF	\$ 235.00	\$ (11,750.00)
10.20	10C4 DUCT BANK	200	LF	\$ 177.00	\$ 35,400.00
NA	2C3 DUCT BANK	60	LF	\$ 107.00	\$ 6,420.00
NA	10C4/2C3/2E4 DUCT BANK	50	LF	\$ 240.00	\$ 12,000.00
NA	IRON RODS AND END CAPS	13	EA	\$ 50.00	\$ 650.00
TOTAL BASE BID					\$ 41,845.00

Estimated Contract Time Extension

14 DAYS

Belt Line Infrastructure Improvements
Town of Addison
Telecommunications Duct Re-Route - RFI #024
Quantity Summary Sheet

SHEET #	106		108B		109A		109B		110B		111B		AT&T @ Midway		TOTAL
	ADD	REMOVE	ADD	REMOVE	ADD	REMOVE	ADD	REMOVE	ADD	REMOVE	ADD	REMOVE	ADD	REMOVE	
AT&T HANDHOLE			1										1		2
2C4 DUCT BANK	60	(30)	65	(35)			145	(60)	20	(50)		(20)			115
4C4 DUCT BANK		(30)	35				60	(95)	30				128		148
6C4 DUCT BANK	30													(252)	(222)
8C4 DUCT BANK								(85)				(115)	124		(76)
8C4/2C3/2E4 DUCT BANK				(50)											(50)
10C4 DUCT BANK							85				115				200
2C3 DUCT BANK			60												60
10C4/2C3/2E4 DUCT BANK			50												50

Notes:

On Sheet #106, the duct on the North West corner of Marsh and Belt Line has already been installed. Instead of removing the 30' of 2C4 and adding 30' of 4C4, JBCCO will just add 30' of 2C4 to the 30' of 2C4 that has already been installed. This will more accurately represent the cost absorbed by JBCCO for having to excavate and place duct twice in the same trench.

On Sheet #108B, the duct crossing Business Ave. on the South side of Belt Line has already been installed as well. Instead of removing the 65' of 6C4 and adding the 65' of 8C4, JBCCO will add 65' of 2C4 to the 65' of 6C4 that has already been installed.



DRISKOLL TUBBS
Executive Vice President

MIKE BORSTAD
Vice President - Operations

CLAUDIA THOMAS
Secretary

JEROME P. KAMRADT
Treasurer

January 28, 2016

Town of Addison – Infrastructure and Operations Services
16801 Westgrove Dr.
Addison, Texas 75001

Attn: Ms. Lisa Pyles

Re: Belt Line Road Electrical Underground PH I – PCO #5 – Removal of Staggered
Trees and Replacement with 4” Caliper High-Rise Live Oak, 30’ On Center_REV1

Dear Ms. Pyles:

John Burns Construction would like to present this potential change order to remove the staggered/double line of trees from the center median of Belt Line Road on the East and West side of Business Ave. The pricing breakout is attached and the scope of this change order is as follows:

- Remove 20 trees from the center median on day shift.
- Plant High-Rise Live Oaks at 30’ on center in the center median.
 - o 8 West of Business Ave.
 - o 5 East of Business Ave.
 - o 3 Replace for Contract Item 11.04 to maintain continuity
- Credit Item 11.04 for Standard 4” Caliper Live Oak

This price of this contract change is Thirty Eight Thousand Eight Hundred Forty Four Dollars and Zero Cents (\$38,844.00). JBCCO estimates that this change will add Eleven (11) days to the project duration. Please see the attached sheet for a unit price break down.

Sincerely,

Kyle Pedigo
Project Manager



john burns
construction company
of Texas, Inc.

P.O. BOX 1117
LEWISVILLE, TEXAS 75067
METRO (972) 434-6789
FAX NO. (972) 221-8301

DRISKOLL TUBBS
Executive Vice President

MIKE BORSTAD
Vice President - Operations

CLAUDIA THOMAS
Secretary

JEROME P. KAMRADT
Treasurer

January 28, 2016

Town of Addison – Infrastructure and Operations Services
16801 Westgrove Dr.
Addison, Texas 75001

Attn: Ms. Lisa Pyles

Re: Belt Line Road Electrical Underground PH I – PCO #6 – Increase in Quantities for
Traffic Control Video Monitoring

Dear Ms. Pyles:

John Burns Construction would like to present this potential change order to add quantity to line items 7.37, 7.38, and 7.39. The Town of Addison had requested additional cameras and processors to be installed in intersections that were not shown on the initial plans. The attached sheet shows the additional quantities for each item.

This price of this contract change is Seven Thousand Eight Hundred Ten Dollars and Zero Cents (\$7,810.00). JBCCO estimates that this change will add Seven (7) calendar days to the project duration. Please see the attached sheet for a unit price break down.

Sincerely,

Kyle Pedigo
Project Manager



SINCE 1906
WE ARE AN EQUAL OPPORTUNITY CONTRACTOR

**Belt Line Infrastructure Improvements
Town of Addison
Traffic Signal Video Monitoring Quantity Increase**

BID ITEM #	DESCRIPTION	QTY	UT	UNIT PRICE	ACTUAL TOTAL
7.37	VIVDS PROCESSOR SYSTEM	2	EA	\$ 385.00	\$ 770.00
7.38	VIVDS CAMERA	8	EA	\$ 550.00	\$ 4,400.00
7.39	VIVDS SETUP SYSTEM	2	EA	\$ 1,320.00	\$ 2,640.00
TOTAL					\$ 7,810.00

Estimated Contract Time Extension

7 DAYS



DRISKOLL TUBBS
Executive Vice President

MIKE BORSTAD
Vice President - Operations

CLAUDIA THOMAS
Secretary

JEROME P. KAMRADT
Treasurer

January 28, 2016

Town of Addison – Infrastructure and Operations Services
16801 Westgrove Dr.
Addison, Texas 75001

Attn: Ms. Lisa Pyles

Re: Belt Line Road Electrical Underground PH I – PCO #5 – AT&T Cable and Fiber Installation

Dear Ms. Pyles:

John Burns Construction would like to present this potential change order to perform all of the AT&T cabling for the Belt Line project. As discussed at our last schedule meeting we performed the take off and estimate according to standard AT&T line items in order to qualify the pricing. We identified several major line items that were not included in the AT&T budget, but decided include them in our pricing as we believe that they will be necessary based on the provided drawings.

This price of this contract change is One Hundred Sixty Nine Thousand Three Hundred Eighty Seven Dollars and Sixty Eight Cents (\$169,387.68). JBCCO estimates that this change will add Forty Two (42) days to the project duration. Please see the attached sheet for a unit price break down.

Sincerely,

Kyle Pedigo
Project Manager

**Belt Line Infrastructure Improvements
Town of Addison
AT&T Cable and Fiber Installation**

BID ITEM #	BASE BID DESCRIPTION BASE BID	QTY	UT	UNIT PRICE	ACTUAL TOTAL
RD115A	HAND ROD/PLACE 1 ITEM, 1-1000'	491	LF	\$ 1.92	\$ 942.72
AP232B	PLACE/CLEAT RISER UP TO 2", INCL. U-GUARD, W/ OTHER WORK	4	EA	\$ 81.96	\$ 327.84
AP234B	PLACE/CLEAT RISER OVER 2", INCL. U-GUARD, W/ OTHER WORK	1	EA	\$ 113.40	\$ 113.40
AP108B	PLACE - CABLE/ID TO CABLE & STRAND, OD <1.6", OVER 1000', ACC	1494	LF	\$ 1.08	\$ 1,613.52
AP104A	PLACE - STRAND AND CABLE/ID, OD <= 1.6", 1-1000'	311	LF	\$ 1.92	\$ 597.12
AN102	MACHINE PLACE 3/4" OR LARGER ANCHOR, ACCESSIBLE, DIRT	3	EA	\$ 378.00	\$ 1,134.00
AP242B	UNWIND/REWIND/RESUPPORT FIBER SNOWSHOE, W/ OTHER WORK	1	EA	\$ 151.20	\$ 151.20
AP210B	PLACE DOWN GUY ALL SIZES - W/ OTHER WORK - ACCESSIBLE	4	EA	\$ 44.16	\$ 176.64
AP220B	PLACE SIDEWALK GUY ALL SIZES - W/ OTHER WORK, ACCESSIBLE	2	EA	\$ 88.20	\$ 176.40
RD125A	HAND ROD/PLACE 3 ITEM, 1-1000'	230	LF	\$ 2.28	\$ 524.40
RD110A	BLOW/HAND ROD IN OCCUPIED DUCT, PLACE TAPE, 1'-1000'	110	LF	\$ 1.32	\$ 145.20
RD105A	BLOW/HAND ROD IN VACANT DUCT, PLACE TAPE, 1'-1000'	230	LF	\$ 0.96	\$ 220.80
WU105A	REMOVE COPPER CABLE >2" OD, PLACE TAPE, 1'-1000'	145	LF	\$ 1.68	\$ 243.60
WU100A	REMOVE COPPER CABLE < 2" OD & PLACE TAPE, 1'-1000'	589	LF	\$ 1.44	\$ 848.16
WA100B	REMOVE CABLE & STRAND, OD < 1.6", OVER 1000'	4734	LF	\$ 0.60	\$ 2,840.40
WA105B	REMOVE CABLE & STRAND, OD > 1.6", OVER 1000'	5840	LF	\$ 0.96	\$ 5,606.40
WA175B	REMOVE DROP WIRE & HARDWARE, OVER 100'	829	LF	\$ 1.08	\$ 895.32
AN110	MACHINE REMOVE ANCHOR ROD - ALL SIZES	6	EA	\$ 126.00	\$ 756.00
WA215A	REMOVE DOWN GUY - ACCESSIBLE - SINGLE ITEM	6	EA	\$ 184.80	\$ 1,108.80
WA210A	REMOVE RISER/GUARD, SINGLE ITEM	19	EA	\$ 165.00	\$ 3,135.00
TA102A	TRANSFER/CREATE DEAD END - INCL. ALL MATL. ACCESSIBLE	4	EA	\$ 237.60	\$ 950.40
TA130A	TRANSFER RISER CABLE W/O CONDUIT - INCL. U-GUARD, MULTIPLE	1	EA	\$ 660.00	\$ 660.00
WA110A	DELASH/REMOVE CABLE FROM STRAND, OD<=1.6", 1'-1000'	80	LF	\$ 0.96	\$ 76.80
WA185A	REMOVE STRAND ALL SIZES - 1-200' - ACCESSIBLE	155	LF	\$ 2.04	\$ 316.20
RD110B	BLOW/HAND ROD IN OCCUPIED DUCT, PLACE TAPE, 1000'-5000'	2497	LF	\$ 1.08	\$ 2,696.76
RDA15B	ADDER - HANDLING FIBER OVER .76" OD, 1000'-5000'	2497	LF	\$ 0.24	\$ 599.28
RD110B	BLOW/HAND ROD IN OCCUPIED DUCT, PLACE TAPE, 1000'-5000'	2037	LF	\$ 1.08	\$ 2,199.96
HD625A	HAND DIG & PLACE 1 ITEM - MIN COVER 36", 7-12" WIDE, ROCK	911	LF	\$ 31.68	\$ 28,860.48
PD100B	PLACE PEDESTAL, DIRT, UP TO 10", W/ OTHER WORK	15	EA	\$ 135.00	\$ 2,025.00
CB152B	PLACE GROUND FIELD, (3 RODS W/ WIRE), DIRT	15	EA	\$ 3,300.00	\$ 49,500.00
UG160B	PLACE LOAD COIL IN MH AND RACK TAIL	20	EA	\$ 189.00	\$ 3,780.00
HP102B	HAND DIG PIT - EXISTING CABLE, 37-80 CF, DIRT, MULTIPLE	14	EA	\$ 1,080.00	\$ 15,120.00
RS108B	SAW CUT, REMOVE, RESTORE - CONCRETE 8" DEPTH	32	SF	\$ 17.64	\$ 564.48
RD115A	HAND ROD/PLACE 1 ITEM, 1-1000'	58	LF	\$ 1.92	\$ 111.36
BO605A	BORE & PLACE 1 CABLE OR ID, 2"-4", 1-100', ROCK	27	LF	\$ 34.56	\$ 933.12
AP232B	PLACE/CLEAT RISER UP TO 2", INCL. U-GUARD, W/ OTHER WORK	2	EA	\$ 81.96	\$ 163.92
HD625A	HAND DIG & PLACE 1 ITEM - MIN COVER 36", 7-12" WIDE, ROCK	195	LF	\$ 31.68	\$ 6,177.60
PD100B	PLACE PEDESTAL, DIRT, UP TO 10", W/ OTHER WORK	1	EA	\$ 135.00	\$ 135.00
UG160B	PLACE LOAD COIL IN MH AND RACK TAIL	1	EA	\$ 189.00	\$ 189.00
CB152B	PLACE GROUND FIELD, (3 RODS W/ WIRE), DIRT	1	EA	\$ 3,300.00	\$ 3,300.00
WA100A	REMOVE CABLE & STRAND, OD < 1.6", 1'-1000'	219	LF	\$ 0.96	\$ 210.24
WU100A	REMOVE COPPER CABLE < 2" OD & PLACE TAPE, 1'-1000'	122	LF	\$ 1.44	\$ 175.68
WA210A	REMOVE RISER/GUARD, SINGLE ITEM	1	EA	\$ 165.00	\$ 165.00
HH100B	PLACE NEW HH, 17X30X28 TO 3X5X4, DIRT	9	EA	\$ 1,080.00	\$ 9,720.00
HD625A	HAND DIG & PLACE 1 ITEM - MIN COVER 36", 7-12" WIDE, ROCK	120	LF	\$ 31.68	\$ 3,801.60
	10% ALLOWANCE FOR PORENTIAL AT&T DESIGN ERRORS	10	%		\$ 15,398.88
TOTAL BASE BID					\$ 169,387.68

Estimated Contract Time Extension

42 DAYS