

PO # 163654

DMS Rec 466464

Estimate and Certification for Payment

Company Name: Conrad Construction Co., Ltd.
Address: P.O. Box 841134, Houston, Texas 77284

Ludwig Lane - Reconstruction

Phone #: (713)937-3081

Owner: Fort Bend County
Address: 301 Jackson
Richmond, Texas 77469

P.O. No: 163654
FBC Mobility Project #: 13208

Attention: Stacy Slawinski, P.E. - Asst. Co. Engi
Invoice No: 4215 Estimate #: 4
Start Date: 5/14/2018
Current Contract Completion Date: 3/9/2019
Estimate Cut Off Date: 9/30/2018
Date of Estimate: 9/30/2018

Initial Contract Time: 300 days
Current Approved Extensions: 0 days
Previous Approved Extensions: 0 days
Total Contract Time: 300 days
Spent Days: 140 days 47%
Days Remaining: 160 days

A. Contract Amount to Date:

1. Contract Price: \$ 1,815,430.50 ✓
2. Approved Change Orders: \$ -
Total Changes to Date: \$ -

Total Contract Amount: \$ 1,815,430.50 ✓

B. Earnings to Date:

1. Previous Work Completed: 21% Previous Earnings: \$ 376,859.35 ✓
2. Work Completed this Period: 8% Earnings this Period: \$ 146,822.00 Lawson
3. Work Completed to Date: 29% 47%
4. Materials On Site: \$ -
Total Earnings: \$ 523,681.35 ✓

C. Reductions:

1. Retainage: 10% of \$ 523,681.35 \$ 52,368.14
Total Payments Due: \$ 471,313.21
Less Previous Payments: \$ 339,173.41

Total Amount Due Contractor This Estimate/Invoice: \$ 132,139.80 agenda

The undersigned Contractor certifies that to the best of his knowledge, information and belief that the Work has has been completed in accordance with the Plans and Specifications and the current payment shown on this Application for Payment is now due.

Prepared By: [Signature] Date: 10/8/2018
Contractor

The foregoing estimate of work completed is true and correct to the best of my knowledge and belief.

Approved By: [Signature] Date: 10-8-2018
Project Representative

Approved By: [Signature] Date: 10/9/18
Engineer

General Contractor
P.O. Box 841134
HOUSTON, TEXAS 77284

(713) 937-3081
FAX (713) 937-1172

DATE	SEPTEMBER 30, 2018
CUSTOMER ORDER NO.	
ESTIMATE #4	
SALESPERSON	
LUDWIG LANE - RECONSTRUCTION	
VIA	
BID NO. 18-043 . CC #18/0312	

P.O. #163654

Thank You!

PAY ESTIMATE # 4
PROJECT: Ludwig Lane Reconstruction
PROJECT # 18-043

CONTRACTOR'S AFFIDAVIT AND RELEASE

STATE OF TEXAS
COUNTY OF HARRIS

For and in consideration of the sum of \$ 132,139.80, representing payment under the above-referenced contract for all labor, materials and/or services furnished by the undersigned for the Ludwig Lane Reconst. project in Fort Bend County, Texas, and represented by payment request dated 9.30.18 covering all such work from 9.1.18 to 10.1.18 less retention up to that date, undersigned hereby certifies that all labor and materials prior to the above-mentioned date by the undersigned in connection with the above-named project have been paid in full. The undersigned agrees to indemnify and save harmless Fort Bend County against all loss, damage or expense of any character whatsoever that may arise by reason of claims for labor or unpaid materials used in connection with said improvements, prior to the above date. The undersigned further hereby releases and waives any and all lien rights against all real property owned by Fort Bend County in Fort Bend County, Texas arising out of work performed or materials furnished for or in connection with construction of said project.

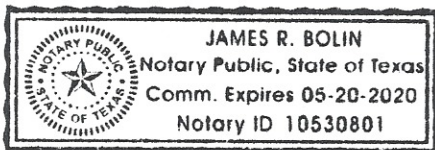
Firm: Conrad Construction Co., Ltd.

By: Donald Conrad

Date: 10.15.18

Title: President

Signed and sworn to before me a Notary Public in and for Harris County, Texas this 15th
Day of October, 2018.



James R. Bolin
James R. Bolin

FROM: CONRAD CONSTRUCTION CO., LTD.
P.O. BOX 841134
HOUSTON, TEXAS 77284

TO: FORT BEND COUNTY
ENGINEERING DEPARTMENT
301 JACKSON, 4TH FLOOR
RICHMOND, TEXAS 77469
ATTN: STACY SLAWINSKI, P.E. - ASST. COUNTY ENGINEER
REF: LUDWIG LANE - RECONSTRUCTION - FBC NO. 13208
PROJ #: BID #18-043 , CC # 18/0312 , P.O. # 163654
DATE: 9/30/2018

ESTIMATE # : 4

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE	WORK TO DATE
GENERAL ITEMS								
1. PROJECT SIGN, C.I.P.	2.00	EA		2.00	2.00	100%	\$ 900.00	\$ 1,800.00
2. CLEARING & GRUBBING, PREPARE ROW AS PER PLANS INCLUDING CLEAN- UP AND MAINTENANCE	1.00	LS	0.10	0.45	0.55	55%	\$ 210,000.00	\$ 115,500.00
3. REMOVING OLD CONCRETE PAVEMENT (ALL DEPTHS, INCLUDE. ALL SAWCUTS)	229.00	SY		109.88	109.88	48%	\$ 10.00	\$ 1,098.80
4. REMOVING OLD CONCRETE, 6" REINF. CONCRETE CURB (REMOVAL AND DISPOSAL)	118.00	LF			0.00	0%	\$ 5.00	\$ -
5. REMOVING OLD CONCRETE (DRIVEWAYS) (ALL DEPTHS INCLUDE. ALL SAWCUTS)	475.00	SY			0.00	0%	\$ 7.50	\$ -
6. REMOVING OLD CONCRETE (SLOPE PAVING) (ALL DEPTHS, INCLUDE. ALL SAWCUTS)	45.00	SY			0.00	0%	\$ 15.00	\$ -
7. ROAD EXCAVATION INCLUDING 3" OF TOP SOIL STRIPPING, DISPOSE OF OFF-SITE	2959.00	CY			0.00	0%	\$ 12.00	\$ -
8. REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (18" - 36")	785.00	LF			0.00	0%	\$ 12.00	\$ -
9. REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (2" - 16")	84.00	LF			0.00	0%	\$ 12.00	\$ -
10. REMOVING OLD STRUCTURES - INLETS, (ALL DEPTHS)	5.00	EA			0.00	0%	\$ 500.00	\$ -
11. REMOVAL AND DISPOSAL OF MANHOLES (ALL DEPTHS)	3.00	EA			0.00	0%	\$ 500.00	\$ -
12. REMOVAL AND DISPOSAL OF EXIST. FENCE INCL. GATE STRUCTURES (ALL TYPES AND HEIGHTS)	1800.00	LF			0.00	0%	\$ 3.00	\$ -

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE	WORK TO DATE
13. REMOVE AND RELOCATE TRAFFIC SIGNS, MAIL BOXES, ROADWAY SIGNS	1.00	LS			0.00	0%	\$ 3,500.00	\$ -
14. TREE PROTECTION AND TRIMMING	1.00	LS			0.00	0%	\$ 100.00	\$ -
15. REMOVING AND DISPOSING OF EXIST. ASPHALTIC SURFACE AND BASE MATERIAL	3973.00	SY		1986.50	1986.50	50%	\$ 5.00	\$ 9,932.50
16. VIDEO RECORDING CONSTRUCTION	1.00	LS		0.50	0.50	50%	\$ 1,250.00	\$ 625.00
WATER LINE ITEMS								
17. 8-INCH WATER LINE (OPEN CUT)	30.00	LF		30.00	30.00	100%	\$ 120.00	\$ 3,600.00
18. 8-INCH WATER LINE (TRENCHLESS CONSTRUCTION)	1385.00	LF		1385.00	1385.00	100%	\$ 120.00	\$ 166,200.00
19. 8-INCH CONNECTION	1.00	EA		1.00	1.00	100%	\$ 3,250.00	\$ 3,250.00
20. 12-INCH CONNECTION	1.00	EA		1.00	1.00	100%	\$ 3,500.00	\$ 3,500.00
21. 8-INCH GATE VALVE & BOX	2.00	EA		4.00	4.00	200%	\$ 2,000.00	\$ 8,000.00
22. 12-INCH GATE VALVE & BOX	2.00	EA		1.00	1.00	50%	\$ 3,250.00	\$ 3,250.00
23. FIRE HYDRANT- FLUSH VALVE ASSEMBLY (INCL. 6-INCH GATE VALVE AND LEAD)	2.00	EA		2.00	2.00	100%	\$ 5,000.00	\$ 10,000.00
24. NEAR SIDE SERVICE TAP AND WATER METER	20.00	EA			0.00	0%	\$ 500.00	\$ -
25. FAR SIDE SERVICE TAP AND WATER METER	20.00	EA			0.00	0%	\$ 750.00	\$ -
26. ABANDON AND REMOVE EXISTING 6-INCH WATER LINE	1390.00	LF			0.00	0%	\$ 5.00	\$ -
27. TRENCH SAFETY SYSTEMS	50.00	LF		50.00	50.00	100%	\$ 1.00	\$ 50.00
28. ADJUST SAN. SEWER MANHOLE	5.00	EA			0.00	0%	\$ 1,000.00	\$ -
29. RELOCATION OF SANITARY SEWER LEADS (2'- 4") W/ 6-INCH LEADS	31.00	EA	2.00		2.00	6%	\$ 600.00	\$ 1,200.00
STORM SEWER ITEMS								
30. TRENCH SAFETY SYSTEMS, 5'-10' DPTH., INSTALL. MAINTAIN TRENCHES	1492.00	LF	456.00	80.00	536.00	36%	\$ 1.00	\$ 536.00

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE	WORK TO DATE
31. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (24")	275.00	LF	26.00		26.00	9%	\$ 115.00	\$ 2,990.00
32. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (30")	406.00	LF			0.00	0%	\$ 142.00	\$ -
33. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (36")	207.00	LF			0.00	0%	\$ 190.00	\$ -
34. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (42")	109.00	LF			0.00	0%	\$ 235.00	\$ -
35. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (48")	495.00	LF	346.00	80.00	426.00	86%	\$ 275.00	\$ 117,150.00
36. PRECAST CONCRETE STANDARD MANHOLE FOR 42-IN. DIA. AND SMALLER SEWERS	6.00	EA			0.00	0%	\$ 3,250.00	\$ -
37. PRECAST CONCRETE STANDARD MANHOLE FOR 48-IN. TO 72-IN. DIA. SEWERS	3.00	EA	2.00		2.00	67%	\$ 4,000.00	\$ 8,000.00
38. TYPE "C" MODIFIED INLET	3.00	EA	1.00		1.00	33%	\$ 5,000.00	\$ 5,000.00
39. TYPE "C-1" INLET	10.00	EA	1.00		1.00	10%	\$ 3,400.00	\$ 3,400.00
40. TYPE "C-2" INLET	2.00	EA			0.00	0%	\$ 3,750.00	\$ -
41. REINFORCED CONCRETE SLOPE PAVING (INCLUDING CEMENT STAB. SAND BEDDING)	100.00	SY			0.00	0%	\$ 80.00	\$ -
42. CCTV INSPECTION OF STM. SEWER	1.00	LS			0.00	0%	\$ 4,500.00	\$ -
PAVEMENT ITEMS								
43. LIME STABILIZED SUBGRADE MANIPULATION, 8" DEPTH (FOR CONCRETE PAVEMENT AND CONCRETE DRIVEWAY)	8358.00	SY			0.00	0%	\$ 3.00	\$ -
44. HYDRATED LIME (SLURRY APPLIED) FOR STABILIZATION	226.00	TON			0.00	0%	\$ 185.00	\$ -
45. REINFORCED CONCRETE PAVEMENT 8" DEPTH	5200.00	SY			0.00	0%	\$ 66.00	\$ -
46. REINFORCED CONCRETE PAVEMENT HIGH EARLY STRENGTH - 8" DEPTH	360.00	SY			0.00	0%	\$ 70.00	\$ -

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE	WORK TO DATE
47. REINFORCED CONCRETE PAVEMENT HIGH EARLY STRENGTH - 8" DEPTH FOR DRIVEWAYS	1900.00	SY			0.00	0%	\$ 62.50	\$ -
48. CONCRETE CURB INSTALL 6-INCH CONCRETE CURB	2000.00	LF			0.00	0%	\$ 3.00	\$ -
49. 6" CONCRETE CURB DOWELED ON EXISTING PAVEMENT	100.00	LF			0.00	0%	\$ 8.00	\$ -
50. 7" AND GREATER CONCRETE CURB (LOW PROFILE RETAINING WALL)	200.00	LF			0.00	0%	\$ 50.00	\$ -
51. 4-1/2" CONCRETE SIDEWALK	1175.00	SY			0.00	0%	\$ 58.00	\$ -
52. CONCRETE ADA RAMP (ALL TYPES INCLUDING TRUNCATED DOMES)	50.00	SY			0.00	0%	\$ 120.00	\$ -
53. FENCE INCLUDING GATE STRUCTURES (ALL TYPES, HEIGHTS, GATES, SLIDING GATES AND ORNAMENTAL FENCING)	1800.00	LF			0.00	0%	\$ 10.00	\$ -
54. INSTALL NEW RESIDENTIAL AND COMMERCIAL MAIL BOXES (ALL TYPES AND HEIGHTS)	40.00	EA			0.00	0%	\$ 75.00	\$ -
TRAFFIC CONTROL ITEMS								
55. WORK ZONE PAVEMENT MARKINGS (YELLOW BUTTON REMOVABLE) FURNISHED, APPLIED AND REMOVED	300.00	EA	123.00		123.00	41%	\$ 4.00	\$ 492.00
56. WORK ZONE PAVEMENT MARKINGS WHITE BUTTON REMOVABLE) FURNISHED, APPLIED AND REMOVED	300.00	EA	122.00		122.00	41%	\$ 4.00	\$ 488.00
57. WORK ZONE PAVEMENT MARKINGS (TY I-C) FURNISHED, APPLIED AND REMOVED	100.00	EA	47.00		47.00	47%	\$ 6.00	\$ 282.00
58. WORK ZONE PAVEMENT MARKINGS (TYPE I-A) FURNISHED, APPLIED AND REMOVED	100.00	EA	44.00		44.00	44%	\$ 6.00	\$ 264.00
59. TEMPORARY COMMERCIAL DRIVE- WAYS - FURNISH, INSTALL & REMOVE	9.00	EA	2.00		2.00	22%	\$ 800.00	\$ 1,600.00
60. TEMPORARY RESIDENTIAL DRIVE- WAYS - FURNISH, INSTALL & REMOVE	25.00	EA	1.00		1.00	4%	\$ 600.00	\$ 600.00

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE	WORK TO DATE
61. TRAFFIC CONTROL - FURNISH, INSTALL & REMOVE	10.00	MO	1.00	3.00	4.00	40%	\$ 3,000.00	\$ 12,000.00
62. TRAFFIC CONTROL - FURNISH, INSTALL & REMOVE PORTABLE CHANGEABLE MESSAGE SIGNS (TWO SIGNS) FOR ADVANCE WARNING AND TRAFFIC DIRECTION SWITCH	1.00	MO		0.50	0.50	50%	\$ 5,000.00	\$ 2,500.00
63. CONSTRUCTING DETOURS FOR TWO- WAY TRAFFIC (8" BLACK BASE) FOR INSTALLING, MAINTAINING & REMOVAL	2405.00	SY		756.11	756.11	31%	\$ 5.00	\$ 3,780.55
64. LOW PROFILE CONCRETE BARRIER (FURNISH AND INSTALL)	1064.00	LF		1064.00	1064.00	100%	\$ 25.00	\$ 26,600.00
65. LOW PROFILE CONCRETE BARRIER (REMOVE)	1064.00	LF			0.00	0%	\$ 15.00	\$ -
SIGNING AND STRIPING ITEMS								
66. ALUMINUM SIGNS (GROUND MOUNTED) FURNISH AND INSTALL	12.00	EA			0.00	0%	\$ 375.00	\$ -
67. REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 4" YELLOW DASHED - FURNISH & APPLIED (15' OVER 40')	720.00	LF			0.00	0%	\$ 2.00	\$ -
68. REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 8" WHITE SOLID - FURNISH & APPLIED	200.00	LF			0.00	0%	\$ 4.00	\$ -
69. REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 4" YELLOW SOLID - FURNISH & APPLIED	3140.00	LF			0.00	0%	\$ 1.00	\$ -
70. REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 24" WHITE SOLID - FURNISH & APPLIED	300.00	LF			0.00	0%	\$ 12.00	\$ -
71. 12" YELLOW CURB PAINT FOR MEDIANS	500.00	LF			0.00	0%	\$ 4.00	\$ -
72. REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) SINGLE ARROW LEFT - FURNISH & APPLIED	6.00	EA			0.00	0%	\$ 125.00	\$ -

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE	WORK TO DATE
73. REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) WORD "ONLY" FURNISH & APPLIED	2.00	EA			0.00	0%	\$ 175.00	\$ -
74. NON-REFLECTORIZED PAVEMENT MARKERS FURNISH AND INSTALL	200.00	EA			0.00	0%	\$ 4.00	\$ -
75. REFLECTORIZED PAVEMENT MARKERS TYPE I-C FURNISH AND INSTALL	80.00	EA			0.00	0%	\$ 5.00	\$ -
76. REFLECTORIZED PAVEMENT MARKERS TYPE II-A-A FURNISH AND INSTALL	160.00	EA			0.00	0%	\$ 6.00	\$ -
77. REFLECTORIZED PAVEMENT MARKERS TYPE II-B-B FURNISH AND INSTALL	2.00	EA			0.00	0%	\$ 12.00	\$ -
STORM WATER POLLUTION PREVENTION PLAN ITEMS								
78. SODDING FOR EROSION CONTROL (VARIOUS WIDTHS), C.I.P.	3930.00	SY			0.00	0%	\$ 4.50	\$ -
79. HYDROMULCH SEEDING	0.95	AC			0.00	0%	\$ 1,750.00	\$ -
80. TPDES PERMIT NO. TXR 150000, NOTICE OF INTENT (NOI) APPLICATION FEES (CONTRACTOR'S NOI FEE & FORT BEND COUNTY'S NOI FEE, EACH FEE SHALL BE SET AT \$325.00)	1.00	EA			0.00	0%	\$ 325.00	\$ -
81. REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	2030.00	LF		2030.00	2030.00	100%	\$ 2.25	\$ 4,567.50
82. INLET PROTECTION BARRIER (STAGE 1, WITH REINFORCED FILTER FABRIC FENCE - 60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	20.00	EA			0.00	0%	\$ 125.00	\$ -
83. STABILIZED CONSTRUCTION ACCESS (TYPE 1 ROCK, 60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	460.00	SY	230.00		230.00	50%	\$ 10.00	\$ 2,300.00
84. CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, 40% UNIT COST FOR REMOVAL)	1.00	LS			0.00	0%	\$ 750.00	\$ -

DESCRIPTION	QUANTITY	UNIT	THIS ESTIMATE	PREVIOUS ESTIMATE	WORK TO DATE	%	UNIT PRICE	WORK TO DATE
85. INLET PROTECTION BARRIER (FOR STAGE II INLETS , GRAVEL BAGS, 60% OF UNIT COST FOR FURNISH AND INSTALLATION, 40% OF UNIT COST FOR REMOVAL)	20.00	EA		4.00	4.00	20%	\$ 125.00	\$ 500.00
86. SWPPP INSPECTION AND MAINTENANCE (MIN. BID REQUIRED)	10.00	MO	1.00	3.00	4.00	40%	\$ 500.00	\$ 2,000.00
EXTRA UNIT ITEMS								
87. 6-INCH NON-REINFORCED SEAL SLAB	100.00	SY			0.00	0%	\$ 1.00	\$ -
88. WELL POINTING SYSTEM WELL POINTING (MIN. BID \$15.00)	500.00	LF			0.00	0%	\$ 15.00	\$ -
89. CONSTRUCTION SAFETY FENCE	1000.00	LF			0.00	0%	\$ 1.50	\$ -
90. MAINTENANCE AND CLEANUP OF THE PROJECT SITE INCLUDING MOWING	10.00	MO	1.00	3.00	4.00	40%	\$ 100.00	\$ 400.00
91. UNIFORM PEACE OFFICER (MIN. \$25.00 BID)	866.00	HR		9.00	9.00	1%	\$ 25.00	\$ 225.00
TOTAL WORK TO DATE								
								\$ 523,681.35

CONTRACT TIME: 300 CALENDAR DAYS
CONTRACT DATE: 3/16/2018
WORK ORDER DATE: 5/14/2018

CONTRACT AMOUNT:	\$ 1,815,430.50
CHANGE ORDER:	
REVISED CONTRACT AMOUNT	\$ 1,815,430.50
TOTAL WORK TO DATE:	\$ 523,681.35
MATERIALS ON SITE:	\$ -
TOTAL:	\$ 523,681.35
LESS RETAINAGE:	\$ 52,368.14
LESS PREVIOUS PAYMENTS:	\$ 339,173.41
LESS MISCELLANEOUS:	\$ -
AMOUNT DUE FOR PAYMENT:	\$ 132,139.80

APPROVAL: _____

JAMES R. BOLIN

CONRAD CONSTRUCTION CO.,LTD.