



# Invoice

Invoice Number: 87484  
Customer Number: 175501  
Invoice Date: 12/13/2019  
Invoice Due Date: 1/12/2020  
Company Number: 00292

Page 1

<b>Customer:</b> CITY OF FORT COLLINS-ENGINEERING	<b>Remit To:</b> CITY OF FORT COLLINS 222 LAPORTE ACCOUNTS RECEIVABLE P.O. BOX 580 FORT COLLINS, CO 80522-0580
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**Please Return the Enclosed Copy with your Payment**

Item	Description	Charges
001	Work Order 187665 - Progress	139,392.27
	<b>Balance Due</b>	<b>139,392.27</b>

'19DEC 17 10:43AM

### TERMS AND CONDITIONS

Payment is due within 30 days of the invoice date.

Payments can be made via credit card by calling (970) 221-6251 Monday through Friday, 7:30AM to 4:30PM.

If you have any Invoice questions, please contact [saragon@fcgov.com](mailto:saragon@fcgov.com) or call 2246103.



# Traffic Operations Itemized Invoice

Work Order ID	Work Order Location	Project
187665	TURNBERRY & COUNTRY CLUB	

Customer Name	Contact Name	Customer Number
ENGINEERING	Attn: Kyle Lambrecht, Engineering (TCEF)	175501

Billing Date	Start Date	Finish Date	Status	Billable Project
12/13/2019	10/30/2017	06/26/2019	IP	Y

### Work Order Description & Instructions

**Description: SIGNALS WFO**

New signal installation. Progress Billing 2019

Waiting on communication installation

### Labor

Description	Total Hours	Regular		Overtime		Extended Cost
		Hours	Costs	Hours	Costs	
LINE GROUNDWORKER	60.00	60.00	\$2,484.65	0.00	\$0.00	\$2,484.65
OPERATOR I, TRANSPORTATION OPS	369.50	369.50	\$11,014.54	0.00	\$0.00	\$11,014.54
OPERATOR II, TRANSPORTATION OP	230.50	229.00	\$10,476.26	1.50	\$82.96	\$10,559.23
SR TECH, TRANSPORTATION OPS	74.50	74.50	\$3,735.13	0.00	\$0.00	\$3,735.13
TECH II, TRANSPORTATION OPS	92.00	92.00	\$3,747.02	0.00	\$0.00	\$3,747.02
TECHNICIAN II, TRAFFIC ENGR	15.50	15.50	\$711.82	0.00	\$0.00	\$711.82
UTILITY WORKER- STRTS/TRAFFIC	31.50	31.50	\$589.76	0.00	\$0.00	\$589.76
<b>Total Labor</b>						<b>\$32,842.16</b>

### Materials

Description	Quantity	Cost Per Unit	Extended Cost
#4 Spiral Rebar 30" x 14'9" 6 In. pitch	4.00	\$112.30	\$449.21
#9 Rebar 14' 9"	56.00	\$30.79	\$1,724.23
1-1/2 to 3/4 Adaptor For Opticom Installation	2.00	\$3.89	\$7.78
16 WT, 26" Diameter HDPE Pipe	8.00	\$69.32	\$554.59
2" HDPE Schedule 40	692.00	\$1.26	\$871.92
2-2", 2-3" Directional Bore, per foot	374.00	\$23.40	\$8,751.60
2010 CM (ECL- IP)	1.00	\$658.80	\$658.80
25C 14G (Signal Wire)	585.00	\$2.36	\$1,382.94
2C 12G (Street Light Wire)	745.00	\$0.35	\$257.47
2C 8G (Duplex)	40.00	\$0.83	\$33.12
3 Section OH w/R,Y,G Ball, Mount, Backplate	4.00	\$487.03	\$1,948.13
3 Section SOP w/LED, Brackets	4.00	\$424.63	\$1,698.53
3" HDPE SDR 11	874.00	\$3.06	\$2,674.44
3/4" Band	134.00	\$0.62	\$83.62
3/4" Buckles C256	38.00	\$0.47	\$17.78
3C 18G (Terra)	786.00	\$0.24	\$187.52
3P 18G (Pushbutton/Loop)	585.00	\$0.52	\$301.86
5C 14G (Signal Wire)	263.00	\$0.60	\$157.80

6G Bare (Grounding)	25.00	\$0.58	\$14.40
711 Opticom Detector	1.00	\$535.20	\$535.20
722 Opticom Detector 2	1.00	\$810.12	\$810.12
762 Opticom Phase Selector	2.00	\$2,134.80	\$4,269.60
8G Bare (Grounding)	585.00	\$0.31	\$182.52
9 x 12 Ped Button Sign Left	3.00	\$3.66	\$10.98
9 x 12 Ped Button Sign Right	1.00	\$3.66	\$3.66
Adapter, NM2520 Arlington PVC Pipe 2 to 2-1/2	2.00	\$7.65	\$15.30
Adapter, Schedule 40 2"	2.00	\$0.76	\$1.52
Bag Concrete	14.00	\$8.88	\$93.72
Band It Bracket W/Bolt - DO21	16.00	\$1.66	\$26.50
Band-it Plate Bandit Foot	2.00	\$16.63	\$33.26
Bulldog Momentary Push Button No LED-Yellow Ver 3	4.00	\$95.10	\$380.40
Bushing, 455 Arlington 2" lay-in lug	2.00	\$4.17	\$8.34
Caisson rig (per hour)	3.00	\$300.00	\$900.00
Caisson rig mobilization	1.00	\$600.00	\$600.00
Compact base ped pole 4' - painted	3.00	\$600.00	\$1,800.00
Concrete test	1.00	\$216.00	\$216.00
Concrete, 4000 PSI BZ (CBZ4901)	21.50	\$155.40	\$3,375.60
Conduit 2" 45% Elbow	2.00	\$1.94	\$3.89
Conduit 2" 90% Elbow	32.00	\$3.36	\$107.52
Conduit 2" Coupling	21.00	\$0.68	\$14.36
Conduit 2" Coupling E-Loc W/Rubber Gasket	7.00	\$9.00	\$63.00
Conduit 2" PVC	104.00	\$0.66	\$68.64
Conduit 2" PVC SCH 40	40.00	\$0.66	\$26.40
Conduit 2" PVC SCH 80	10.00	\$1.62	\$16.24
Conduit 3" 22% Elbow	2.00	\$16.10	\$32.21
Conduit 3" 45% Elbow	1.00	\$12.19	\$12.19
Conduit 3" 90% Elbow	28.00	\$11.87	\$332.30
Conduit 3" Coupling	12.00	\$2.00	\$24.05
Conduit 3" Coupling E-Loc W/Rubber Gasket	12.00	\$13.80	\$165.60
Conduit 3" PVC	102.00	\$1.68	\$171.36
Contractor Charges, Work Area Traffic Control	2.00	\$1,772.32	\$3,206.72
Controller - Econolite ASC/3-RM	1.00	\$1,972.80	\$1,972.80
Duct Tape	2.00	\$10.78	\$21.55
Engineering Street Cut Permit	1.00	\$384.00	\$384.00
Flat Pad Polymer Concrete Base	1.00	\$984.00	\$984.00
Flowfill, CDOT (FF0934)	8.50	\$104.40	\$894.60
Form materials	5.00	\$13.73	\$63.40
Ground Rod 8 FT - 5,8"	7.00	\$14.40	\$100.80
Ground Rod Clamp	6.00	\$1.82	\$10.94
Hardware For Side of Pole Mount - W/Bandit Bracket	2.00	\$51.00	\$102.00
Hydro-vac excavation (per hour)	6.00	\$510.00	\$3,060.00
J bolts 10x1/2"	4.00	\$2.10	\$8.40
Landscape Staples, 25pk	2.00	\$4.78	\$9.55
Left Turn Only 30" x 36" HI (7.5 SQFT)	2.00	\$47.82	\$95.64
Light and Power Charges, Drill caisson	1.00	\$798.82	\$798.82
Light and Power Charges, Set Poles	1.00	\$887.82	\$887.82
Locknut, 406 Arlington 2"	4.00	\$0.56	\$2.23
Meter Riser Carlon 2 Slip	2.00	\$63.47	\$126.94
Metro Sign Hi Micro 72" x 15" (7.5 sqft)	2.00	\$58.38	\$116.76
Metro Sign Hi Micro 96" x 15" ( 10 SQFT)	2.00	\$69.36	\$138.72
Min Ex-8 Rental	1.20	\$1,908.92	\$2,290.69

Mudjacking	1.00	\$420.00	\$420.00
Ped Head Clamshell Empty - Left - Y Aluminum	3.00	\$161.66	\$484.99
Ped Head Clamshell Empty - Right - Y Aluminum	1.00	\$161.66	\$161.66
Ped button station 9"x12" bulldog	4.00	\$59.70	\$238.80
Pedestrian Countdown Head Module - DL	4.00	\$132.00	\$528.00
Pipe Clamp, 2" silver	4.00	\$4.37	\$17.47
Pole 25 Ft Mast Arm W/Luminaire GAL+PNT-S614-40A	1.00	\$11,389.20	\$11,389.20
Pole 30 Ft Mast Arm W/Luminaire GAL+PNT-S614-40A	1.00	\$11,932.80	\$11,932.80
Pole 35 Ft Mast Arm W/Luminaire GAL+PNT-S614-40A	1.00	\$11,968.80	\$11,968.80
Pole 40 Ft Mast Arm W/Luminaire GAL+PNT-S614-40A	1.00	\$13,636.80	\$13,636.80
Pothole in Paved Surface	10.00	\$228.00	\$2,280.00
Pothole in Unpaved Surface	40.00	\$114.00	\$4,560.00
RR AC Isolator	1.00	\$57.79	\$57.79
Rock	4.63	\$43.14	\$199.74
SDLC Cable for Communication Between ASC3 and TAP	1.00	\$60.00	\$60.00
Schedule 80 Conduit	10.00	\$1.33	\$13.30
Sod	240.00	\$0.31	\$74.88
Spring nut, 3/8" 5pk	2.00	\$5.38	\$10.75
Sprinkler Repair Parts	2.00	\$6.54	\$74.08
Square D Lever Meter Main	1.00	\$300.02	\$300.02
Square D SP-120/240V-30A Circuit Breaker	1.00	\$6.22	\$6.22
Strut channel green 12GA, 10'	2.00	\$27.10	\$54.19
Strut channel green 14GA, 10'	1.00	\$23.58	\$23.58
Strut hardware	1.00	\$17.52	\$17.52
Submersible; 3 Position Streetlighting	12.00	\$27.82	\$333.79
TI X-Stream Edge 48VDC	1.00	\$1,200.00	\$1,200.00
Tamper Rental	0.70	\$1,033.20	\$723.24
Traffic Signal Cabinet 332	1.00	\$7,244.40	\$7,244.40
Trafisense 12 Position Terminal Block, incl. forks, wire	1.00	\$25.80	\$25.80
Trafisense 325 BPL Camera, 25 Degree HFOV	3.00	\$4,440.00	\$13,320.00
Trafisense 345 BPL Camera, 45 Degree HFOV	1.00	\$4,440.00	\$4,440.00
Trafisense 48V Power Supply	1.00	\$94.20	\$94.20
Trafisense BIU Port Interface Module (PIM)	1.00	\$858.00	\$858.00
VAULT 13"X24"X18" W/LID - PD1324BA18	4.00	\$262.80	\$1,051.20
VAULT 17"X30"X18" W/LID - PD1730BA18	1.00	\$511.94	\$511.94
Wall Column Form, 12"	4.00	\$4.79	\$19.16
Wall Column Form, 36"	16.00	\$29.27	\$468.29
Winter Concrete Charge	28.50	\$3.90	\$111.16

**Total Materials**

**\$140,264.38**

**Equipment**

<b>Description</b>	<b>Hours</b>	<b>Cost Per Hour</b>	<b>Extended Cost</b>
PICKUP TRUCK (BRITNEY/ANGIE)	4.00	\$12.12	\$48.48
PICKUP TRUCK	5.00	\$13.20	\$66.00
FORD F450 SUPERDUTY W/UTILITY BOX	191.50	\$14.40	\$2,757.60
FORD F550 FLAT BED TRUCK	53.00	\$30.00	\$1,590.00
LARGE DUMP TRUCK	24.00	\$38.40	\$921.60
BUCKET TRUCK	18.00	\$30.25	\$544.54
2013 CHEV SILVERADO 3500 SMALL DUMP	81.00	\$30.00	\$2,430.00
2015 FORD F-550 4x2 SUPER CAB BUCKET	41.00	\$30.25	\$1,240.33
2016 FORD F-550 BUCKET	34.00	\$30.25	\$1,028.57
UTILITYF450 TRUCK	31.50	\$12.12	\$381.78
PICKUP TRUCK	20.00	\$12.12	\$242.40

2016 BOBCAT SKID STEER	59.50	\$48.00	\$2,856.00
1998 JOHN DEERE BACKHOE	9.50	\$43.80	\$416.10
2009 BROOKS WIRE TRAILER	7.50	\$12.12	\$90.90
BACKHOE TRAILER	12.00	\$8.40	\$100.80
SKID TRAILER	98.50	\$12.00	\$1,182.00
AIR COMPRESSOR	3.50	\$18.42	\$64.47
<b>Total Equipment</b>			<b>\$15,961.57</b>

<b>Total - Work Order #187665</b>	<b>\$189,068.11</b>
<b>Less - Credit Invoice 75074</b>	<b>- \$49,675.84</b>
<b>Total - This Billing #187665</b>	<b>\$139,392.27</b>

Traffic Operations Use Only

Date Paid \_\_\_\_\_ Comments/Notes \_\_\_\_\_

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