

# Estep Construction, Inc.

820 S Duncan Drive  
Tavares, FL 32778

# Invoice

Date	Invoice #
1/25/2018	1029

<b>Bill To</b>
Lake County PW Road Operations 12901 County Landfill Rd Tavares, FL 32778

<b>CC/Ship To:</b>
Contract #13-0607 mod 5 PO #20180213 30303 CR 435, Clean & video entire length of pipe

**RECEIVED**  
**JAN 25 2018**  
LAKE COUNTY  
ROAD OPERATIONS

P.O./Contract #	Terms	Due Date	Ship Date	Ship Via	Project
20180213	Due on receipt	1/25/2018	1/25/2018		17-15/G

Item	Description	Quantity		Unit Pr...	Amount
1	Pipe Cleaning - 15" Heavy	86		4.00	344.00
1	Video Recording	86		1.00	86.00

*JK 1/29/18*

OK TO PAY  
ESTEP CONSTRUCTION INC  
PO#: 20180213  
Acct#: 1120.5053200. 830460  
Goods Recd: 1/22/18  
KB 1-26-18

Thank you for your business.	<b>Total</b> <i>1-26-18</i>	\$430.00
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*BP*  
*1/29/18* *1/29/18*

<b>Balance Due</b>	\$430.00
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LAKE COUNTY  
FLORIDA

December 14, 2017

Estep Construction, Inc.  
689 S. Binion Road, Apopka, FL 32703

Subject: Project Order Form  
Contract No. 13-0607, Storm Water Pipe/Water Quality Unit  
Cleaning, Video Recording and Related Services  
Purchase Order No. 20150035

Dear Estep Construction:

Please find below a request for services under the Storm Water Pipe/Water Quality Unit Cleaning, Video Recording and Related Services Contract No. 13-0607. A description of the requested services and project specific information is listed below.

Any questions or discrepancies regarding the pipe size, length or amount of blockage must be addressed and agreed upon between the Contractor and the Project Manager prior to performing any work. Any work performed without agreement by all parties shall be paid in accordance with the terms and conditions of the Contract. Invoices should be sent to 12901 County Landfill Road, Tavares, FL 32778.

Pursuant to the Contract, all work shall begin within fourteen (14) calendar days from receipt of this notice. Please make sure to contact our office regarding the scheduling of this work.

PIPE LOCATION: Road Number: 3888 Segment Number: 3-3888-04 & 05  
Road Name: CR 435 Address: 30303 CR 435  
Section: 32 Township: 19 Range: 28 Closest City: Mt. Plymouth

PIPE SPECIFICATIONS:

Diameter: 15" Length: Unknown Number of Manholes/Inlets: \_\_\_\_\_  
Percentage of Blockage: 10% or less 11% - 30% above 30% X

WORK DESCRIPTION:

Clean and video entire length of pipe. Do 15" pipe at 30303 CR 435 first as length is unknown

Work Completed and OK to PAY:	<u>1/22/2018</u>	Invoice #	<u>1029</u>
	<u>Robert Baker</u>		<u>1/26/2018</u>
	Inspected by		Date

Project Information

PROJECT NAME: 17-15/G	CREATED: 2018.01.22	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: James Rash	CONTRACTOR: Estep Construction Inc

Customer: Lake County

Responsible:

Department:

Post-Office Box:

Street:

Location:

Telephone:

Telefax:

Mobile Phone:

E-Mail:

Project Leader: James Rash

Responsible:

Department:

Post-Office Box:

Street:

Location:

Telephone:

Telefax:

Mobile Phone:

E-Mail:

Contractor: Estep Construction Inc

Responsible:

Department:

Post-Office Box:

Street:

Location:

Telephone:

Telefax:

Mobile Phone:

E-Mail:

## Table Of Contents

PROJECT NAME: 17-15/G	CREATED: 2018.01.22	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: James Rash	CONTRACTOR: Estep Construction Inc

Project Information	Page 1
Table Of Contents	Page 2
Section List	Page 3
Defect Grade Description	Page 4
Section: 30303 - 30303A	Page 5
Section: 30303 - 30303A (2)	Page 6

## Section List

PROJECT NAME: 17-15/G	CREATED: 2018.01.22	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: James Rash	CONTRACTOR: Estep Construction Inc

No.	Section	City	Street	Length	Length Total	Date
1	30303 - 30303A		C.R. 435	65.37 ft	65.37 ft	2018.01.22
1	30303 - 30303A (2)		C.R. 435	20.43 ft	85.80 ft	2018.01.22
				85.80 ft	85.80 ft	

## Defect Grade Description

PROJECT NAME: 17-15/G	CREATED: 2018.01.22	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: James Rash	CONTRACTOR: Estep Construction Inc

**1**      **Excellent Condition**

Minor Defects - Failure unlikely in the foreseeable future.

**2**      **Good Condition**

Defects that have not begun to deteriorate - Pipe unlikely to fail for at least 20 years.

**3**      **Fair Condition**

Moderate defects that will continue to deteriorate - Pipe may fail in 10-20 years.

**4**      **Poor Condition**

Severe defects that will become grade 5 defects within the foreseeable future -  
Pipe will probably fail in 5-10 years.


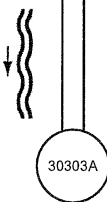
**5**      **Immediate Attention**

Defects require immediate attention - Pipe has failed or will likely fail within the next 5 years  
or sooner.

## Section Protocol

SECTION NAME: <b>30303 - 30303A</b>	SECTION NUMBER: <b>1</b>	CATALOG NAME: <b>NASSCO PACP-4</b>
CUSTOMER: <b>Lake County</b>	PROJECT LEADER: <b>James Rash</b>	CONTRACTOR: <b>Estep Construction Inc</b>

UPSTREAM MANHOLE NUMBER: <b>30303</b>	DOWNSTREAM MANHOLE NUMBER: <b>30303A</b>	
MUNICIPAL:	START NODE STREET NAME: <b>C.R. 435</b>	
LOCATION CODE:	DIRECTION OF SURVEY: <b>Downstream</b>	CALCULATED LENGTH: <b>65.37 ft</b>
INSPECTION DATE: <b>2018.01.22</b>	PURPOSE OF SURVEY:	
WEATHER:	SEWER MATERIAL: <b>Polyethylene</b>	
LINING METHOD:	SEWER DIAMETER OR HEIGHT: <b>15</b>	
PRE-CLEANED: <b>Heavy Cleaning</b>	SEWER SHAPE: <b>Circular</b>	
COMMON REMARKS:		

1 : 1100	POSITION	DG	CODE	OBSERVATION	VIDEO POS	PHOTO
	0.00 ft		AEP	End of Pipe, 30303	00:00:06	
	62.45 ft		XP	Collapse Pipe Sewer, 45 % lost	00:03:39	0000
	65.37 ft		MSA	Survey Abandoned, Pipe crushed. Can't get crawler through. Performing reverse inspection	00:04:33	

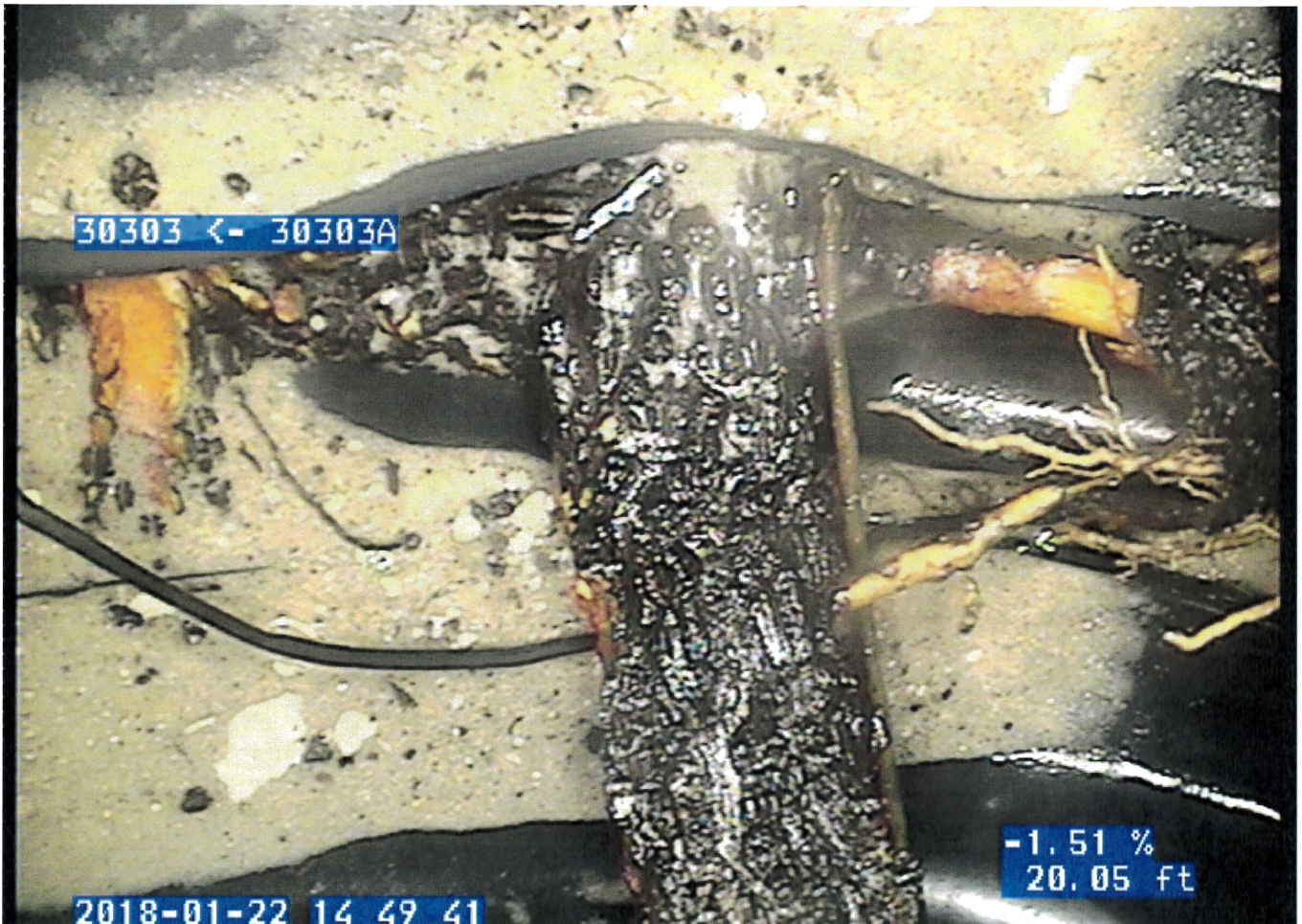
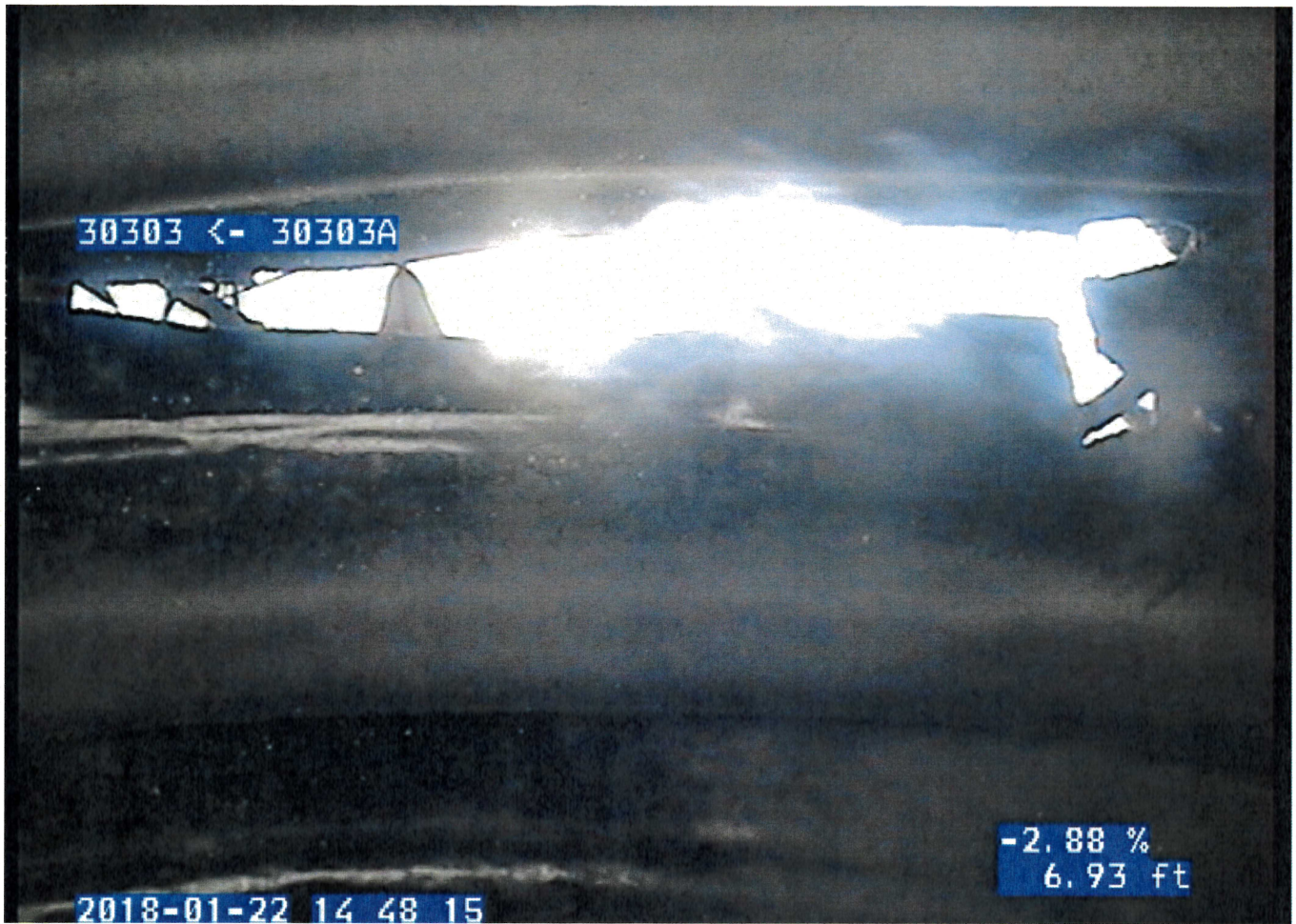
## Section Protocol

SECTION NAME: 30303 - 30303A (2)	SECTION NUMBER: 1	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: James Rash	CONTRACTOR: Estep Construction Inc

UPSTREAM MANHOLE NUMBER: 30303	DOWNSTREAM MANHOLE NUMBER: 30303A
MUNICIPAL:	START NODE STREET NAME: C.R. 435
LOCATION CODE:	DIRECTION OF SURVEY: Upstream
	CALCULATED LENGTH: 20.43 ft
INSPECTION DATE: 2018.01.22	PURPOSE OF SURVEY:
WEATHER:	SEWER MATERIAL: Polyethylene
LINING METHOD:	SEWER DIAMETER OR HEIGHT: 15
PRE-CLEANED: Heavy Cleaning	SEWER SHAPE: Circular
COMMON REMARKS: Reverse set up	

1 : 200	POSITION	DG	CODE	OBSERVATION	VIDEO POS	PHOTO
	0.00 ft		MGO	Reversal Inspection, 30303 - 30303A	00:00:02	
	0.00 ft		AEP	End of Pipe, 30303A	00:00:04	
	6.92 ft		H	Hole, at 12 o'clock	00:00:27	0000
	20.04 ft		RMJ	Roots Medium Joint, at 7 o'clock, 5 % lost, within 8 inch	00:01:26	0001
	20.43 ft		MSA	Survey Abandoned, Can't get by root. Survey incomplete.	00:01:58	0002





30303 -> 30303A

30303 - 30303A\_0000

0:04:22

01 01-22 14:10:46

10 30

-21.64  
65.38 ft

0:00:19

...

30303 <- 30303A

30303 - 30303A (2)\_0000

0:02:14

01-22 14:52:47

10 30

-3.18%  
20.30 ft

0:00:00

...