

RECEIVED

SEP 18 2017

Invoice

Estep Construction, Inc.

820 S Duncan Drive
Tavares, FL 32778

LAKE COUNTY
ROAD OPERATIONS

Date	Invoice #
9/18/2017	969

Bill To
Lake County PW Road Operations 12901 County Landfill Rd Tavares, FL 32778

CC/Ship To:
Contract 13-0607 mod 5 PO# 34253 Woodridge Ln., Eustis

P.O./Contract #	Terms	Due Date	Ship Date	Ship Via	Project
13-0607 m5	Due on receipt	9/18/2017	9/18/2017		17-15/A

Item	Description	Quantity		Unit Pr...	Amount
	34253 Woodbridge Lane - Eustis				
1	Pipe Cleaning - 36" Light	510	LF	4.00	2,040.00
1	Pipe Cleaning - 24" Light - ADD per Bob Baker	75	LF	2.00	150.00
1	Video Cleaning	585.45	LF	1.00	585.45

JK 9/22/17

OK TO PAY - FY 16/17

PO#: 20170178
 Acct#: 1120.5053200. 830400
 Goods Recd: 9 1 13 17

LCR OR-18-17
9/22/17

Thank you for your business.	Total	\$2,775.45
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Balance Due \$2,775.45

BP
9/22



LAKE COUNTY
FLORIDA

Date

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. 20131369

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 Segment No: 3-5477A-05
Road Name: Spring Oak Dr Address: 34253 Woodridge Ln, Eustis
Section: 8 Township: 19 Range: 27

PIPE SPECIFICATIONS:
Diameter: 36" Length: 510' Number of Manholes/Inlets: 2 (drop box w/grate)
Percentage of Blockage: 10% or less x 11% - 30% above 30%

WORK DESCRIPTION:
CA
Pipe runs from Park Place Bv to Woodridge Ln. There are multiple depressions @ address above including a driveway that is collapsing. Would like to have videoed to determine if it is due to pipe failure.

Work Completed and OK to PAY: <u>9-13-17</u>	Invoice No. <u>969</u>
<u>Al Baker</u> Inspected by	<u>9-20-17</u> Date

BP
8/31

Request Details Report

Request Number
MA3-15968-R

Associated Work Order

Observed Date/Time
8/29/17 1:22:P

Citizen Information

Name John O'Toole

Phone (352) 357-2476 Ext.

Address 34253
Woodridge Ln (5477B)
Eustis FL

Alternate Phone (352) 227-0962

Email Address

Organization

Requestor

Contact

Issue and Location

Activity

Issue

Drainage

Map Page

SEC TWN RNG

Address Number

Route Spring Oak Dr (5477A)

Intersect Route Woodridge Ln (5477B)

Details

Citizen reports that his driveway is cracking, and there is a knee-deep hole. See prior request # MA3-14044-R.

Notes

History

8/31/2017 Contract pipe tv requested.

Hicks,
Christopher

Resolution _____

Request Response Date _____

Date _____

Time Arrived _____

Time Departed _____

Project Information

PROJECT NAME: 17-15/A	CREATED: 2017.09.13	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:

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Section List

PROJECT NAME: 17-15/A	CREATED: 2017.09.13	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	19336 - 19215		spring oak dr	326.29 ft	326.29 ft	2017.09.13
2	34253 - 19336		spring oak dr	184.14 ft	510.43 ft	2017.09.13
3	34252 - 34253		spring oak dr	75.01 ft	585.45 ft	2017.09.13
				585.45 ft	585.45 ft	

Defect Grade Description

PROJECT NAME: 17-15/A	CREATED: 2017.09.13	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: 19336 - 19215	SECTION NUMBER: 1	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: James Rash	CONTRACTOR: Estep Construction Inc

UPSTREAM MANHOLE NUMBER: 19336	DOWNSTREAM MANHOLE NUMBER: 19215
MUNICIPAL:	START NODE STREET NAME: spring oak dr
LOCATION CODE:	DIRECTION OF SURVEY: Upstream
	CALCULATED LENGTH: 326.29 ft
INSPECTION DATE: 2017.09.13	PURPOSE OF SURVEY:
WEATHER:	SEWER MATERIAL: Corrugated metal pipe
LINING METHOD:	SEWER DIAMETER OR HEIGHT: 36
PRE-CLEANED:	SEWER SHAPE: Circular
COMMON REMARKS:	

1 : 1800	POSITION	DG	CODE	OBSERVATION	VIDEO POS	PHOTO
	0.00 ft		ACB	Catch Basin, 19215	00:00:04	
	0.00 ft		IR	Infiltration Runner, at 3 o'clock	00:00:21	0000
	8.72 ft		IG	Infiltration Gusher, at 7 o'clock	00:00:50	0001
	37.98 ft		IW	Infiltration Weeper, at 3 o'clock	00:01:49	
	57.79 ft		IW	Infiltration Weeper, at 5 o'clock, within 8 inch	00:02:32	
	137.66 ft		IR	Infiltration Runner, at 5 o'clock, within 8 inch	00:05:12	
	155.11 ft		IG	Infiltration Gusher, at 9 o'clock, within 8 inch	00:05:37	0002
	176.99 ft		IW	Infiltration Weeper, at 7 o'clock, within 8 inch	00:06:36	
	233.60 ft		IG	Infiltration Gusher, at 7 o'clock	00:08:18	0003
	257.61 ft		IW	Infiltration Weeper, at 7 o'clock, within 8 inch	00:09:19	
	326.29 ft		AMH	Manhole, 19336	00:11:50	

Section Protocol

SECTION NAME: 34253 - 19336	SECTION NUMBER: 2	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: James Rash	CONTRACTOR: Estep Construction Inc

UPSTREAM MANHOLE NUMBER: 34253	DOWNSTREAM MANHOLE NUMBER: 19336
MUNICIPAL:	START NODE STREET NAME: spring oak dr
LOCATION CODE:	DIRECTION OF SURVEY: Downstream
	CALCULATED LENGTH: 184.14 ft
INSPECTION DATE: 2017.09.13	PURPOSE OF SURVEY:
WEATHER:	SEWER MATERIAL: Corrugated metal pipe
LINING METHOD:	SEWER DIAMETER OR HEIGHT: 36
PRE-CLEANED:	SEWER SHAPE: Circular
COMMON REMARKS:	

1 : 900	POSITION	DG	CODE	OBSERVATION	VIDEO POS	PHOTO
	0.00 ft		ACB	Catch Basin, 34253	00:00:03	
	42.34 ft		IG	Infiltration Gusher, at 5 o'clock, within 8 inch	00:01:32	0000
	43.79 ft		IW	Infiltration Weeper, at 7 o'clock, within 8 inch	00:01:48	
	61.96 ft		IG	Infiltration Gusher, at 3 o'clock, within 8 inch	00:02:30	0001
	84.43 ft		ID	Infiltration Dripper, at 9 o'clock, within 8 inch	00:03:35	0002
	84.43 ft		IR	Infiltration Runner, at 5 o'clock, within 8 inch	00:03:43	0003
	101.45 ft		IR	Infiltration Runner, from 12 o'clock, to 2 o'clock, within 8 inch	00:04:17	0004
	103.16 ft		IR	Infiltration Runner, at 9 o'clock, within 8 inch	00:04:28	0005
	122.80 ft		IR	Infiltration Runner, at 3 o'clock, within 8 inch	00:05:11	
	122.80 ft		IR	Infiltration Runner, at 9 o'clock, within 8 inch	00:05:05	0006
	142.09 ft		ID	Infiltration Dripper, at 12 o'clock, within 8 inch	00:05:35	
	184.14 ft		AMH	Manhole, 19336	00:07:41	

Section Protocol

SECTION NAME: 34252 - 34253	SECTION NUMBER: 3	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: James Rash	CONTRACTOR: Estep Construction Inc

UPSTREAM MANHOLE NUMBER: 34252	DOWNSTREAM MANHOLE NUMBER: 34253
MUNICIPAL:	START NODE STREET NAME: spring oak dr
LOCATION CODE:	DIRECTION OF SURVEY: Upstream
	CALCULATED LENGTH: 75.01 ft
INSPECTION DATE: 2017.09.13	PURPOSE OF SURVEY:
WEATHER:	SEWER MATERIAL: Reinforced concrete pipe
LINING METHOD:	SEWER DIAMETER OR HEIGHT: 24
PRE-CLEANED:	SEWER SHAPE: Circular
COMMON REMARKS:	

	1 : 2250	POSITION	DG	CODE	OBSERVATION	VIDEO POS	PHOTO
		0.00 ft		ACB	Catch Basin, 34253	00:00:02	
		75.01 ft		ACB	Catch Basin, 34252	00:03:54	





