

Grading & Bush Hog Services, Inc.  
 PO Box 844  
 Middleburg, FL 32050-0844

RECEIVED

NOV 03 2016

LAKE COUNTY  
 ROAD OPERATIONS

Invoice

DATE	INVOICE #
10/27/2016	6796

<b>BILL TO</b>
Lake County Department of Public Works Road Ops Division 12901 County Landfill Rd. Tavares, FL 32778

<b>SHIP TO</b>

Contract Number	TERMS	REP	Completed D...	VIA	Fin. No.	PROJECT
16-0411A			10/25/2016			
QUANTITY	ITEM CODE	DESCRIPTION			PRICE EACH	AMOUNT
35	LakeH009	at the North side of the intersection of Jim Hunt Road and North Hancock Road, Clermont  Two Rail Assembly			48.50	1,697.50
<i>SKOONTZ</i> 11/16/16 _____ OK TO PAY - FY 16/17 PO#: <u>20170158</u> Acct#: 1120.5053200. <u>830467</u> Goods Recd: <u>10 / 26 / 2016</u>						
					<b>Subtotal</b>	\$1,697.50
					<b>Sales Tax (0.00)</b>	\$0.00
					<b>Total</b>	\$1,697.50

*BP* 11/17  
*BP* 11/17  
 X



To: Grading & Bush Hog Service, Inc. From: Public Works Road Operations Div.  
 Contact: Scott Griffin Phone: (352) 343-6439  
 Phone: (904) 276-3314 Date: 8/25/2016  
 E-Mail: gbhsinc@bellsouth.net Pages: 3

Re: 16-0411A, Guardrail / Handrail Repair Service Request

**WORK QUOTE REQUEST**

Road Name: N. Hancock Road Segment Number: 2-1254-53

Guardrail Number:       

Location: at the north side of the intersection of Jim Hunt Road and North Hancock Road

Nearest City: Clermont

Section: 9 Township: 23 Range: 26

Length of damage if not an end: 35' of handrail

Ends damaged? Yes  No

If yes, how many?       

Comments: This request is for the installation of a new two rail handrail at the northern intersection of Jim Hunt Road and N. Hancock Road for a distance of 35'

Questions should be addressed and agreed upon in writing by either the Project Manager or designee prior to the performance of work.

Approved by: Brenda Press

County Representative

Work completed OK to Pay Date :	Invoice #	
Approved by:	Goods Received	

**Guardrail  
Work Quote Request**  
All prices include installation

Project Name and Location

Contractor

N. Hancock Rd / 2 rail Handrail

Grading & Bush Hog Service, Inc

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1.	Resetting Guardrail (Single Face)	_____	LF	\$ _____	\$ _____
2.	Resetting Guardrail (Double Face)	_____	LF	\$ _____	\$ _____
3.	Re-alignment of existing guardrail	_____	LF	\$ _____	\$ _____
4.	New Guardrail-Including Post, Offset Blocks, Reflectors, Delineator Assemblies, Hardware etc.	_____	LF	\$ _____	\$ _____
5.	Guardrail Panels	_____	LF	\$ _____	\$ _____
6.	Guardrail Posts	_____	EA	\$ _____	\$ _____
7.	Encased Guardrail Post	_____	EA	\$ _____	\$ _____
8.	Offset Blocks	_____	EA	\$ _____	\$ _____
9.	Special End Shoes	_____	EA	\$ _____	\$ _____
10.	Terminal Connector	_____	EA	\$ _____	\$ _____
11.	Flared End Section	_____	EA	\$ _____	\$ _____
12.	Half Rounded End Section	_____	EA	\$ _____	\$ _____
13.	Full Rounded Buffer End Section	_____	EA	\$ _____	\$ _____
14.	Anchor Plate Assembly	_____	EA	\$ _____	\$ _____
15.	Type II End Anchorage Assembly	_____	EA	\$ _____	\$ _____
16.	End Anchorage Assembly Type MELT	_____	EA	\$ _____	\$ _____
17.	End Anchorage Assembly Type CRT	_____	EA	\$ _____	\$ _____
18.	End Anchorage Assembly Type ET-2000	_____	EA	\$ _____	\$ _____
19.	End Anchorage Assembly Type SRT-350 (8 post system)	_____	EA	\$ _____	\$ _____
20.	End Anchorage Assembly Type BEST	_____	EA	\$ _____	\$ _____
21.	End Anchorage Assembly Type LET	_____	EA	\$ _____	\$ _____
22.	End Anchorage Assembly Type SKT-350	_____	EA	\$ _____	\$ _____
23.	End Anchorage Assembly Type FLEAT-350	_____	EA	\$ _____	\$ _____
24.	End Anchorage Assembly Type REGENT	_____	EA	\$ _____	\$ _____
25.	Repair Existing Bridge End Assembly	_____	EA	\$ _____	\$ _____
26.	Steel Anchor Post (Bridge)	_____	EA	\$ _____	\$ _____
27.	Concrete Anchor Post (Bridge)	_____	EA	\$ _____	\$ _____
28.	End Post with Special End Shoe Recess (Bridge)	_____	EA	\$ _____	\$ _____
29.	Special Steel Guardrail Post for Single or double face Guardrail (where culverts or other structures precludes Normal installation).	_____	EA	\$ _____	\$ _____
30.	Transition Panel from trie-beam to w-beam	_____	EA	\$ _____	\$ _____
31.	Detail J Bridge Anchorage	_____	EA	\$ _____	\$ _____
32.	ET 2000 Extruder Head	_____	EA	\$ _____	\$ _____
33.	SKT - 350 Extruder Head	_____	EA	\$ _____	\$ _____
34.	FLEAT 350 Extruder Head	_____	EA	\$ _____	\$ _____
35.	Reflectors	_____	EA	\$ _____	\$ _____
36.	4" Linear Reflective System (include the manufacture type and specifications)	_____	EA	\$ _____	\$ _____
37.	6" Linear Reflective System (include the manufacture type and specifications)	_____	EA	\$ _____	\$ _____
38.	Brackets for Linear Reflective System	_____	EA	\$ _____	\$ _____

39. Removal/Disposal of Existing Guardrail	_____	LF	\$ _____	\$ _____
40. Special Safety Pipe Rail	_____	LF	\$ _____	\$ _____
41. Miscellaneous Asphalt Paving	_____	SY	\$ _____	\$ _____
42. Miscellaneous Concrete Paving	_____	SY	\$ _____	\$ _____
43. Shop Bent (Radius)	_____	LF	\$ _____	\$ _____
44. Miscellaneous sod installed	_____	SF	\$ _____	\$ _____

**Total Guardrail Cost Quote:** \$ \_\_\_\_\_

**QUADGUARD SYSTEM  
Work Quote Request**

Project Name and Location

---

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1.	Crash Cushion (Reset)	_____	EA	\$ _____	\$ _____
2.	Crash Cushion (Clean & Inspect)	_____	EA	\$ _____	\$ _____
3.	Attenuator F&I (Fender Panel)	_____	EA	\$ _____	\$ _____
4.	Attenuator F&I (Diaphragm)	_____	EA	\$ _____	\$ _____
5.	Attenuator F&I (Side Panel Conc Con)	_____	EA	\$ _____	\$ _____
6.	Attenuator F&I (Hazard Reflt-9 Button)	_____	EA	\$ _____	\$ _____
7.	Attenuator F&I (Trans Panel Assembly)	_____	EA	\$ _____	\$ _____
8.	Attenuator F&I (Cartridge Assembly)	_____	EA	\$ _____	\$ _____
9.	Attenuator F&I (Nose Assembly)	_____	EA	\$ _____	\$ _____
10.	Attenuator F&I (End Shoe, Vertical)	_____	EA	\$ _____	\$ _____
11.	Attenuator F&I (Backup Assem Ten Sirt)	_____	EA	\$ _____	\$ _____
12.	Attenuator F&I (Backup Assem Concrete)	_____	EA	\$ _____	\$ _____
13.	Attenuator F&I (Monorail, 1 Bay)	_____	EA	\$ _____	\$ _____
14.	Attenuator F&I (Monorail, 2 Bay)	_____	EA	\$ _____	\$ _____
15.	Attenuator F&I (Monorail, 3 Bay)	_____	EA	\$ _____	\$ _____
16.	Attenuator F&I (Mushroom Bolt Assm)	_____	EA	\$ _____	\$ _____
17.	Attenuator F&I (Anchor MP 3 Kit)	_____	EA	\$ _____	\$ _____
18.	Attenuator F&I (Neoprene Grommet)	_____	EA	\$ _____	\$ _____
19.	Attenuator (Remove)	_____	EA	\$ _____	\$ _____
20.	Attenuator (High Speed) F&I (Diaphragm)	_____	EA	\$ _____	\$ _____
21.	Attenuator (High Speed) F&I (Nose Assembly)	_____	EA	\$ _____	\$ _____

**Total Quadguard Cost Quote:** \$ \_\_\_\_\_

**HANDRAIL  
Work Quote Request**

Project Name and Location

N. Hancock Rd, 2 rail Handrail

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
22.	Posts 2" NPS (Sch. 40)		LF	\$	\$
23.	Rails 2" NPS (Sch. 40)		LF	\$	\$
24.	Rail joint/splice		EA	\$	\$
25.	Handrail joint/splice		EA	\$	\$
26.	Handrail 1 1/2" NPS		LF	\$	\$
27.	Handrail support bar 1"		LF	\$	\$
28.	Mounting base plates		EA	\$	\$
29.	Anchors/bolts		EA	\$	\$
30.	Two rail assembly	<u>35</u>	LF	<u>\$48.50</u>	<u>\$1697.50</u>
31.	Three rail assembly		LF	\$	\$

**Total Handrail Cost Quote:**

\$ 1697.50

Emergency Response Fee

\$

**Total Project Cost Estimate:**

\$ 1697.50

County Representative

Print Brenda Press  
Sign [Signature]  
Date 9-6-16

Contractor Representative

Print Scott Griffin  
Sign [Signature]  
Date 8-30-16

\*\*\*\* Please complete, sign, and return to Lake County





10.26.2016 09:40