

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

**RECEIVED**

**OCT 11 2017**

LAKE COUNTY  
 ROAD OPERATIONS

**Invoice**

DATE	INVOICE #
10/11/2017	7525

<b>BILL TO</b>
Lake County Department of Public Works Road Ops Division PO Box 7800 Tavares, FL 32778

<b>SHIP TO</b>

Contract Number	TERMS	REP	Completed D...	VIA	Fin. No.	PROJECT
16-0411A			9/27/2017			
QUANTITY	ITEM CODE	DESCRIPTION			PRICE EACH	AMOUNT
		G5205-F, east shoulder of CR 468 south of intersection with Myrtle Lake Ave.				
12.5	LakeG003	Re-Alignment of Existing Guardrail			18.00	225.00
50	LakeG005	Guardrail Panels			24.00	1,200.00
6	LakeG006	Guardrail Posts			85.00	510.00
7	LakeG008	Offset Blocks			25.00	175.00
1	LakeG035	Reflectors			25.00	25.00
50	LakeG039	Removal Disposal of Existing Guardrail			5.00	250.00
4	LakeG041	Miscellaneous Asphalt Paving			75.00	300.00
<i>ALB 10-11-17</i>					<b>Subtotal</b>	\$2,685.00
<i>Skountz 10/13/2017</i>					<b>Sales Tax (0.00)</b>	\$0.00
					<b>Total</b>	\$2,685.00

**WORK ACCEPTED**

INVOICE TO RISK: 10.16.17

*BP*  
*10/13/17*      *BP*  
*10/13*



LAKE COUNTY  
FLORIDA

To: Grading & Bush Hog Service, Inc. From: Public Works Road Operations Div.  
 Contact: Scott Griffin Phone: (352) 343-6439  
 Phone: (904) 276-3314 Date: 9/14/2017  
 E-Mail: gbhsinc@bellsouth.net Pages: 3

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

WORK QUOTE REQUEST

Road Name: CR468 Segment Number: 1-5205-13

Guardrail Number: G5205-F

Location: East shoulder of CR 468 south of intersection with Myrtle Lake Av.

Nearest City: Fruitland Park

Section: 9 Township: 19 Range: 24

Length of damage if not an end: approx. 30' feet

Ends damaged? Yes  No

If yes, how many?       

Comments: Three other offset blocks need to be replaced that not behind the bent panels. Repair asphalt base as needed.

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

Approved by: Robert Baker 9-14-2017

County Representative

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

BP  
9/14

Quote

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

Project Name and Location

Contractor

G5205-F, CR 468

GBH

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	50	LF	\$ 18	\$ 900.00
4.	New Guardrail-Including Post, Offset Blocks, Reflectors, Delineator Assemblies, Hardware etc.		LF	\$	\$
5.	Guardrail Panels	50	LF	\$ 24	\$ 1200.00
6.	Guardrail Posts	6	EA	\$ 85	\$ 510.00
7.	Encased Guardrail Post		EA	\$	\$
8.	Offset Blocks	12	EA	\$ 25	\$ 300.00
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	2	EA	\$ 25	\$ 50.00
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	<u>50</u>	LF	\$	<u>5</u>	\$ <u>250.00</u>
40. Special Safety Pipe Rail	_____	LF	\$	\$	_____
41. Miscellaneous Asphalt Paving	<u>4</u>	SY	\$	<u>75</u>	\$ <u>300.00</u>
42. Miscellaneous Concrete Paving	_____	SY	\$	\$	_____
43. Shop Bent (Radius)	_____	LF	\$	\$	_____
44. Miscellaneous sod installed	_____	SF	\$	\$	_____

**Total Guardrail Cost Quote:**

\$ 3510.00  
*AKB ok*

**QUADGUARD SYSTEM  
Work Quote Request**

Project Name and Location

n/a

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 Strt)	_____	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/a

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	_____	LF	\$ _____	\$ _____
31.	Three rail assembly	_____	LF	\$ _____	\$ _____

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

Emergency Response Fee \$ \_\_\_\_\_

**Total Project Cost Estimate:** \$ \_\_\_\_\_

County Representative

Print Brenda L. Press

Sign Bpress

Date 9.18.2017

Contractor Representative

Print Scott Griffin

Sign Scott DL

Date 9-18-17

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



LAKE COUNTY  
FLORIDA

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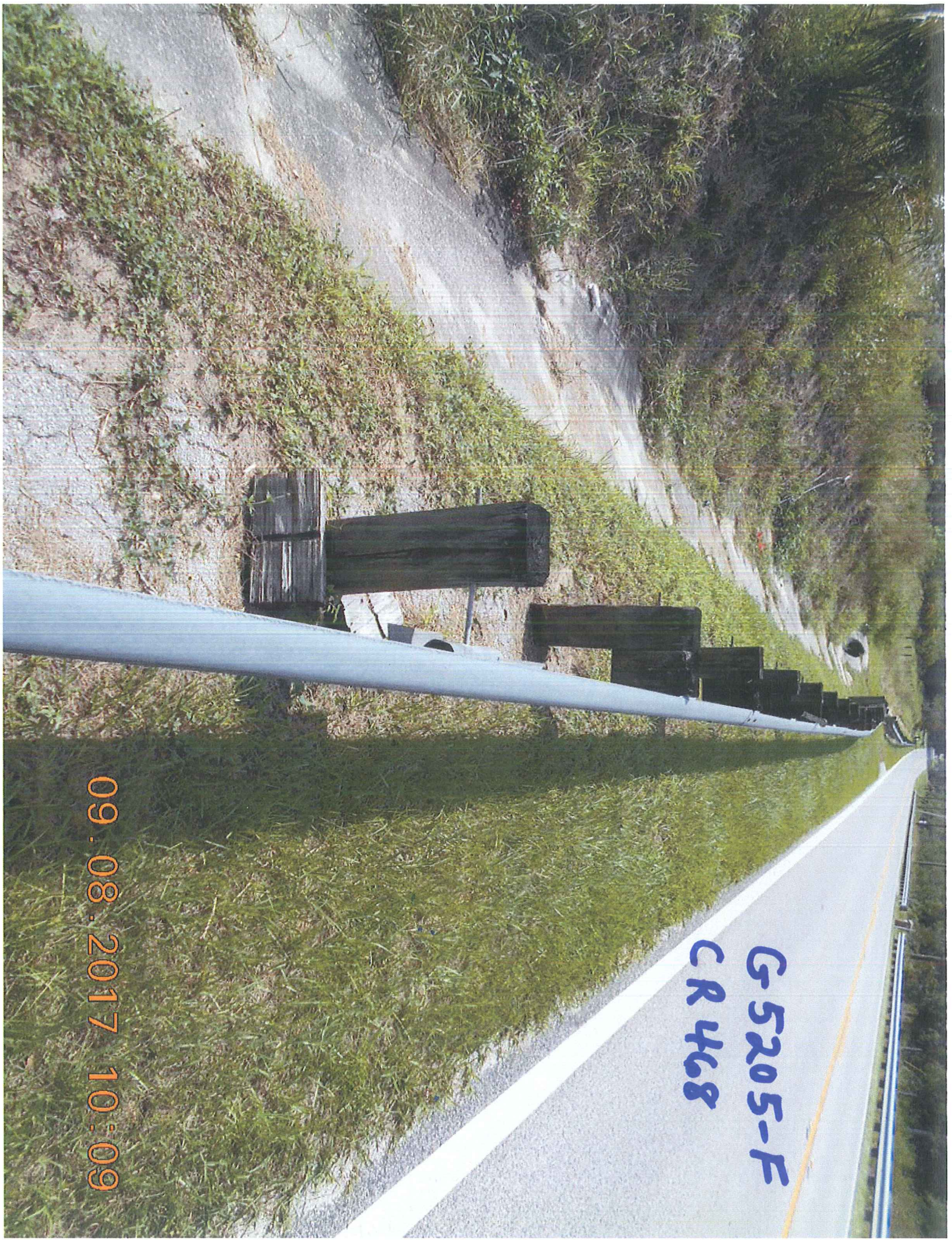
G5205-F  
CR 468

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G-5205-F  
CR 468

09.08.2017 10:09





G5205  
CR468

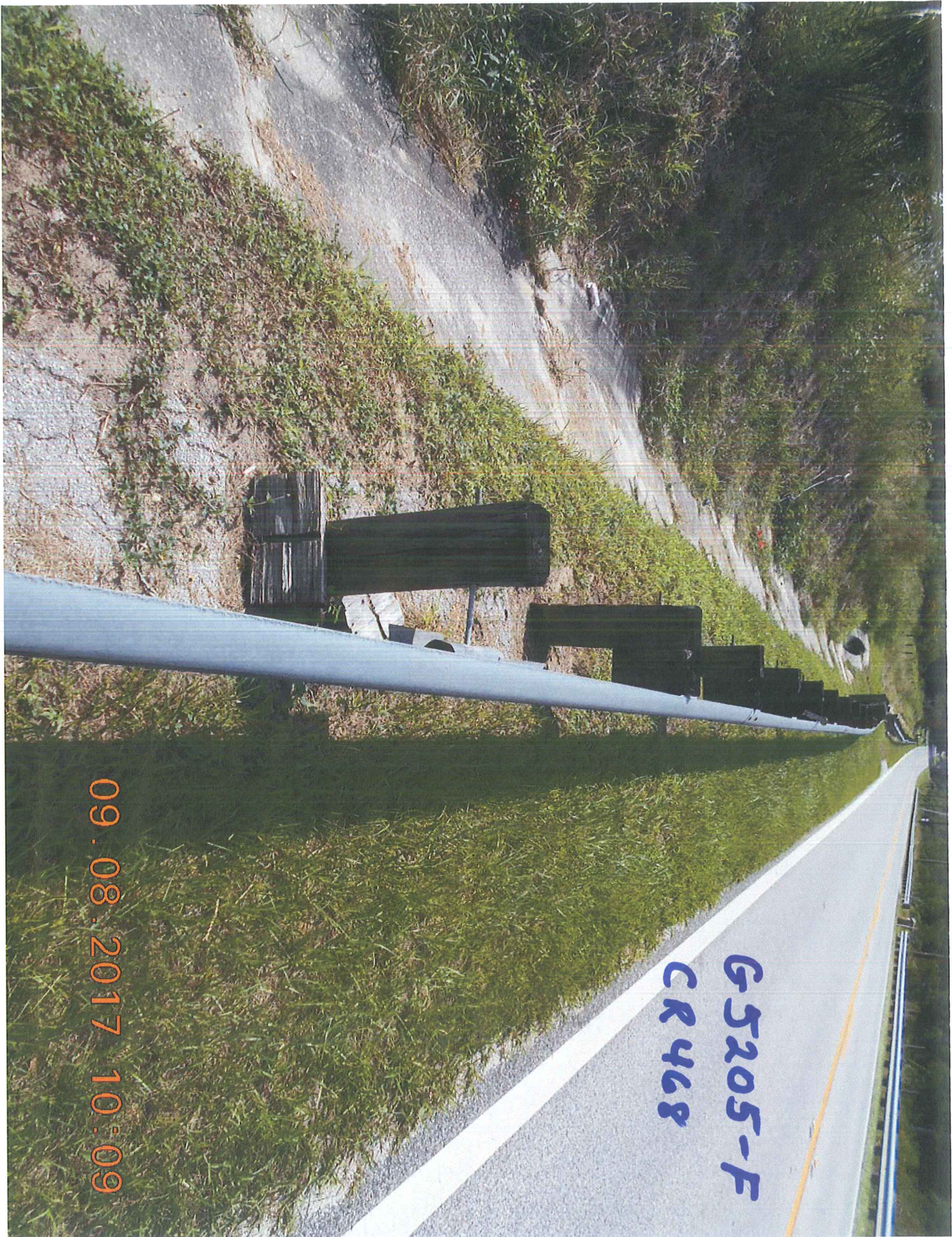


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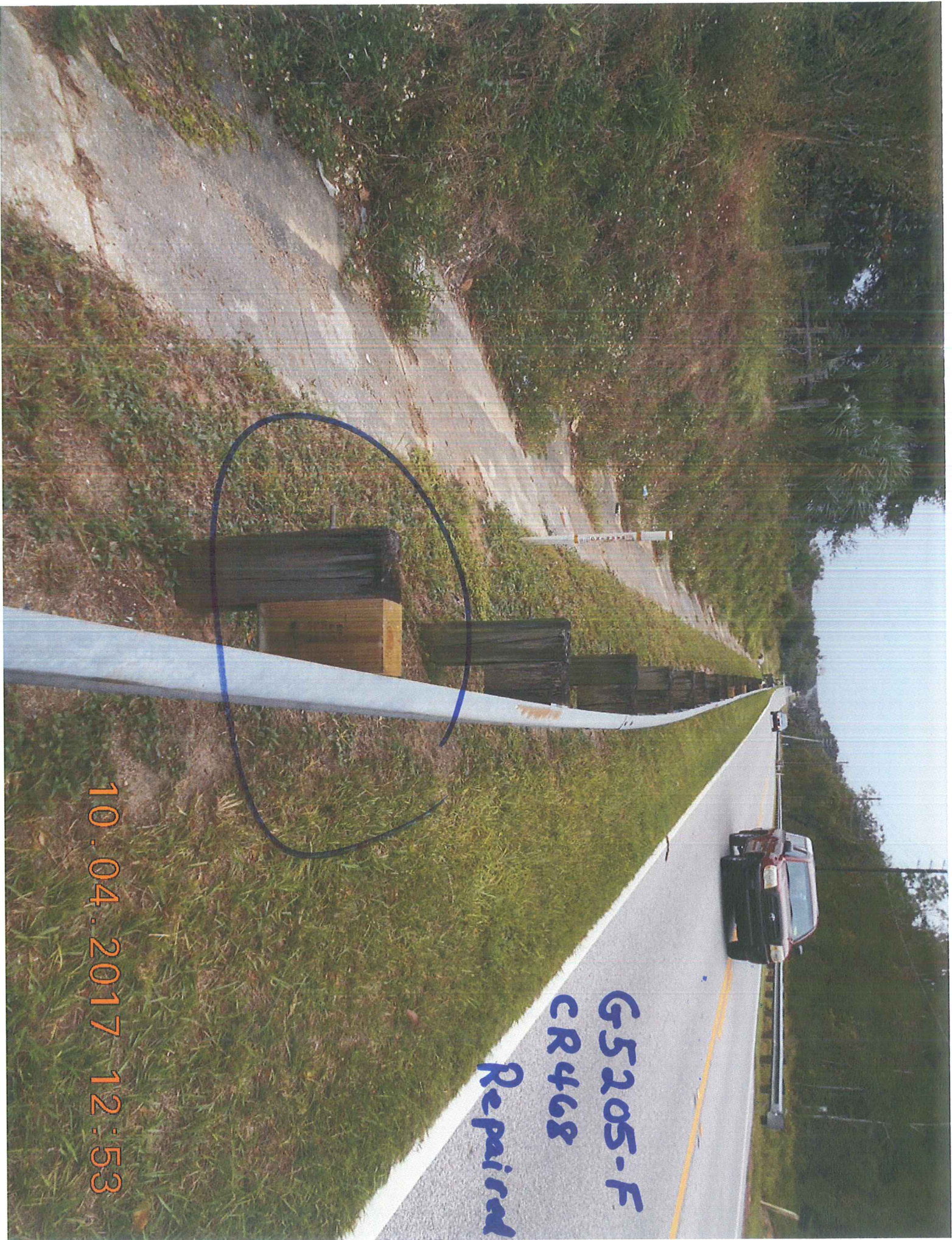
G-5205-F  
CR468

09.08.2017 10:09



G5205-F  
CR468  
Repaired

10-04-2017 12:53



G5205-F  
CR 468  
Repaired

10.04.2017 12:55

G5205-F



G-5205-F  
CR 468  
Repaired

10.04.2017 12:55