LEGAL INVESTIGATIVE SERVICES, INC. LEGAL VIDEO PRODUCTIONS 500 N.W. 301 WARRENSBURG, MISSOURI 64093

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FACSIMILE (660) 429-1550 (660) 429-1156 E-MAIL: lislvp@lisinc.info March 10, 2014 Private Investigator Agency Lic. No: 2010008266

> Private Investigator Lic. No: 2010008252

Ms. Melanie J. MacDonald Senior Research Associate SAFETY RESEARCH & STRATEGIES, INC. 340 Anawan Street, Suite 200 Rehoboth, Massachusetts 02769

RE: GUARDRAIL @ Highway 291 & I-70

Dear Ms. MacDonald:

Enclosed please find a CD containing the photographs you'd requested concerning the above-referenced guardrail.

Also enclosed please find our billing statement in this matter.

Please feel free to contact us should you have any questions or concerns regarding the enclosed materials or if you require anything additional in this matter.

Respectfully submitted,

Donette Vick

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Encs.

APPROVED: Inova IRB IIII Date Approved: November 20, 2013 Authorized by: Laura Miller, IRB Manager IRB File # 00.087 Expiration Date: 11/19/2014



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Informed Consent for a Research Study

| Sponsor: | National Highway Traffic Safety Administration (NHTSA) |
|-------------------------|--|
| Principal Investigator: | Christopher Michetti, M.D. |
| Site of Investigation: | Inova Fairfax Hospital Department of Trauma Service 3300 Gallows Road Falls Church, Virginia 22042-3300 |

INTRODUCTION

You may be eligible to take part in a research study. Please take your time to make your decision. Discuss it with your family and friends. It is important that you read and understand several general principles that apply to all who take part in our studies:

- (a) Taking part in the study is entirely voluntary;
- (b) Personal benefit to you may or may not result from taking part in the study, but knowledge may be gained from your participation that may benefit others;
- (c) You may withdraw from the study at any time without any of the benefits you would have received normally being limited or taken away.

The nature of the study, the benefits, risks, discomforts and other information about the study is discussed below. Any new information discovered which might affect participation in the study, will be provided to you. You are urged to ask any questions you have about this study with the staff members who explain it to you. The investigator (person in charge of this research study) is Christopher Michetti, MD.

BACKGROUND

You are being asked to take part in a research study because you were injured in a motor vehicle crash. The purpose of this study is to gather information on injuries received by occupants of motor vehicles involved in crashes. It is hoped that we will learn how to reduce the severity of motor vehicle injuries by improved vehicle design once we are able to correlate different types of injuries with identifiable features of the crash, treatment at the scene, and medical care provided following the trauma.

PURPOSE

The purpose of the research at Inova Fairfax Hospital is to determine how a vehicle and its occupant move during a crash and to determine how different safety features of motor vehicles affect the injuries people receive. The ultimate goal is to improve the design of vehicles and the care of patients involved in motor vehicle crashes in order to improve the prevention, treatment and rehabilitation of motor vehicle crash injuries. It also hopes to reduce the death, disability and human and economic costs of motor vehicle injuries by these improvements.

INITIALS

Protocol revised date: 07/26/2013 Consent version date: 07/26/2013



APPROVED: Inova IRB IIII Date Approved: November 20, 2013 Authorized by: Laura Miller, IRB Manager IRB File # 00.087 Expiration Date: 11/19/2014

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PROCEDURES

The study will consist of a patient interview in the hospital with a series of questions regarding information about the crash, views about your health and activities, your use of alcohol and drugs, general information, and a medical evaluation of injuries as related to the vehicle crash.

The research staff will have access to your medical record to obtain information about your injury. You will also be asked questions and your cooperation in answering questions will be of great help in providing services to families of other trauma patients. The interview should require approximately 20 to 30 minutes of your time. Information on the nature of your injuries will be recorded and photographs of injuries will be taken, if possible. Information on the hospital and professional charges during your hospital stay will also be recorded, as will detailed information about the crash. In addition, we would like to contact you by telephone for follow-up interviews in 6 and 12 months. Again, you will be asked questions about your health status, medical follow-up and your recovery process. These telephone interviews will take approximately 15 - 20 minutes and will be scheduled at your convenience.

VEHICLE OWNERS

If you are also the vehicle owner we are asking you to authorize an accident reconstruction specialist to inspect your vehicle and take measurements and pictures. This person is an employee of the CIREN research project and is <u>not</u> affiliated with any outside legal or law enforcement agency. The information they will collect is only for use in this research project and will be entered into a confidential database.

In some cases members of the local police department may have already inspected your vehicle. If this is the case, we are asking you, as owner of the vehicle, to also authorize the release of any data obtained by the local law enforcement agency during their routine investigation. If you agree to make this information available to us, this information will be entered into a confidential database.

You will be asked to answer some questions about your vehicle. The questions will ask you if the vehicle has been in a crash before, and if so what alterations have been made to the vehicle. You will also need to provide the researchers with the current location (tow lot site) of the vehicle if you know it.

LENGTH OF PARTICIPATION

If you agree to participate you will be interviewed as outlined above. Your total participation time in the hospital once you have finished reading this form should take no more than 30 minutes. Your telephone interviews will take place at 6 and 12 months after you crash and should take no more than 20 minutes each.

You can stop participating at any time without penalty or loss of benefits to you. Your decision to participate is completely voluntary. You are not waiving any legal claims or rights because of your participation in this study.

RISKS

Participation in this study is voluntary and does not involve any change in your medical care. The interview contains questions about alcohol and drug use. You may refuse to answer any question that makes you uncomfortable.

BENEFITS INITIALS

| Protocol revised | date: | 07/26/2013 |
|------------------|-------|------------|
| Consent version | date: | 07/26/2013 |



APPROVED: Inova IRB Date Approved: Authorized by: IRB File # Expiration Date:



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If you agree to take part in this study, there may or may not be direct benefit to you. However, your participation will enable the researchers to get a clearer picture of how motor vehicle injuries occur and how they may be prevented in the future. We hope the information learned from this study will benefit others in the future.

CONFIDENTIALITY

The researchers at Inova Fairfax Hospital have obtained a Certificate of Confidentiality from the Department of Health and Human Services and the National Institutes of Health which will help them protect your privacy, unless you consent in writing to the release of research information. However, if the researchers learn that you or someone else is in serious danger of harm (such as in cases of child abuse) they may make disclosures to protect you and/or the other person. The Certificate of Confidentiality does not indicate an endorsement of the CIREN research by the Department of Health and Human Services or the National Institutes of Health.

Any information gathered from you will be identified by a random number and will remain as confidential as permitted by law. You will not be identified by name.

Efforts will be made to protect your personal information to the extent allowed by law. Medical records and research material of research study participants are stored and kept according to legal requirements. You will not be identified in any reports or publications resulting from this study. The sponsor of the study, Human Research Protection Program, Institutional Review Board (IRB) may request, inspect and/or copy your research and medical records for quality assurance and data analysis. Members of the research team will also have access to your research records.

You understand that my patient photographs, X-rays, CT-scans, MRIs, and detailed medical information and/or hisotry (e.g., surgical procedures and medical treatment, pre-existing medical conditions, laboratory results) will be entered into a database that will be accessible to trauma centers that are CIREN participants and their funding private sector partners, NHSTA, and Volpe. Further, you understand that NHSTA may authorize access to this data by others for limited research purposes and that NHTSA will protect all sensitive medical information residing on the CIREN database from public dissemination to the full extent authorized by 5 USC 552.

COST

You will not be paid for your participation in this study. You will not be responsible for any of the costs of the procedures related to the study.

VOLUNTARY PARTICIPATION

Taking part in this study is voluntary. You may choose not to take part in or leave the study at any time. If you choose to not take part in or to leave the study, your medical care will not be affected and you will not lose any of the benefits you would have received normally.

You will be told about new information that may affect your health, welfare, or participation in this study.

INJURY

There is no anticipated injury involved from participating in this study. In the event that you believe participation in this research study has led to harm, contact, **Dr. Christopher Michetti**, principal investigators, at (703) 776-3373 and he will review the matter with you.

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| Protocol revised date: Consent version date: | |

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APPROVED: Inova IRB IIII Date Approved: November 20, 2013 Authorized by: Laura Miller, IRB Manager IRB File # 00.087 Expiration Date: 11/19/2014

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You should understand that neither Inova Health System, the investigators, nor the Federal Government, have any programs to provide compensation for persons participating in research projects who may experience

any programs to provide compensation for persons participating in research projects who may experience injury. However, necessary facilities, emergency treatment and professional services will be available to you. You should not expect any one to pay you for pain, worry, lost income, or non-medical care costs that occur from taking part in this research study. No funds have been set aside, by the Inova Health System to repay you in case of injury.

You do not waive any of your legal rights by signing this form.

QUESTIONS

Please ask any questions or concerns you have about the study now. Should you have any questions or concerns related to the study, any injury, or bad effect, you should immediately contact the Principal Investigator. Should you have any problem or question that may arise in connection with this study, or with regard to your rights as a participant in research, you may contact **Dr. Christopher Michetti** at (703) 776-3373.

You should know that Inova Fairfax Hospital, and Dr. Michetti as the primary investigator, are being reimbursed by the sponsor to cover the cost to conduct this research study.

If you would like more information about your rights as a participant in a research study, contact the Inova Human Research Protection Program at:

(703) 776-3167 Human Research Protection Program Inova Fairfax Hospital 3300 Gallows Road Falls Church, VA 22042

The IRB may contact you by mail or telephone to find out if you were satisfied with your study participation.

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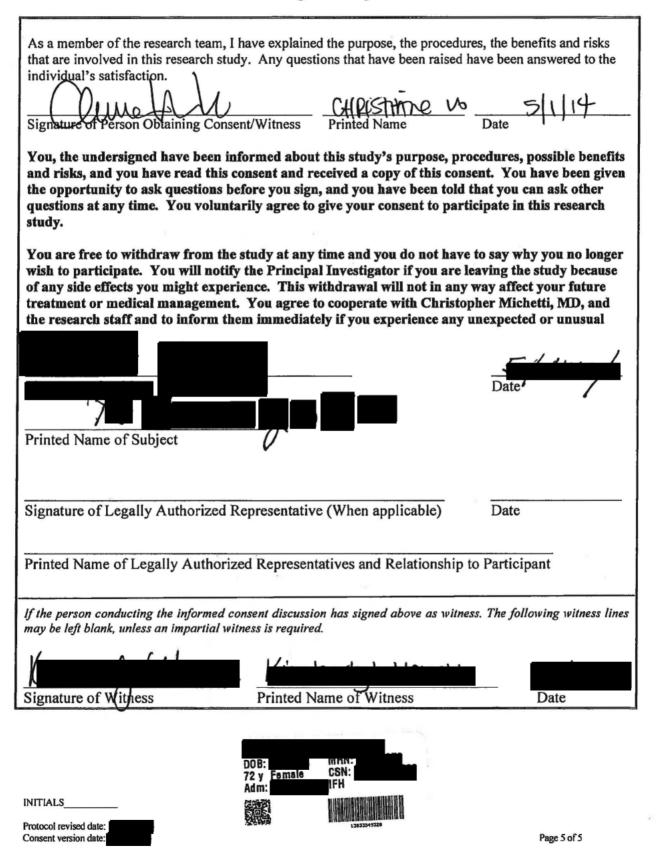
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Signature Page



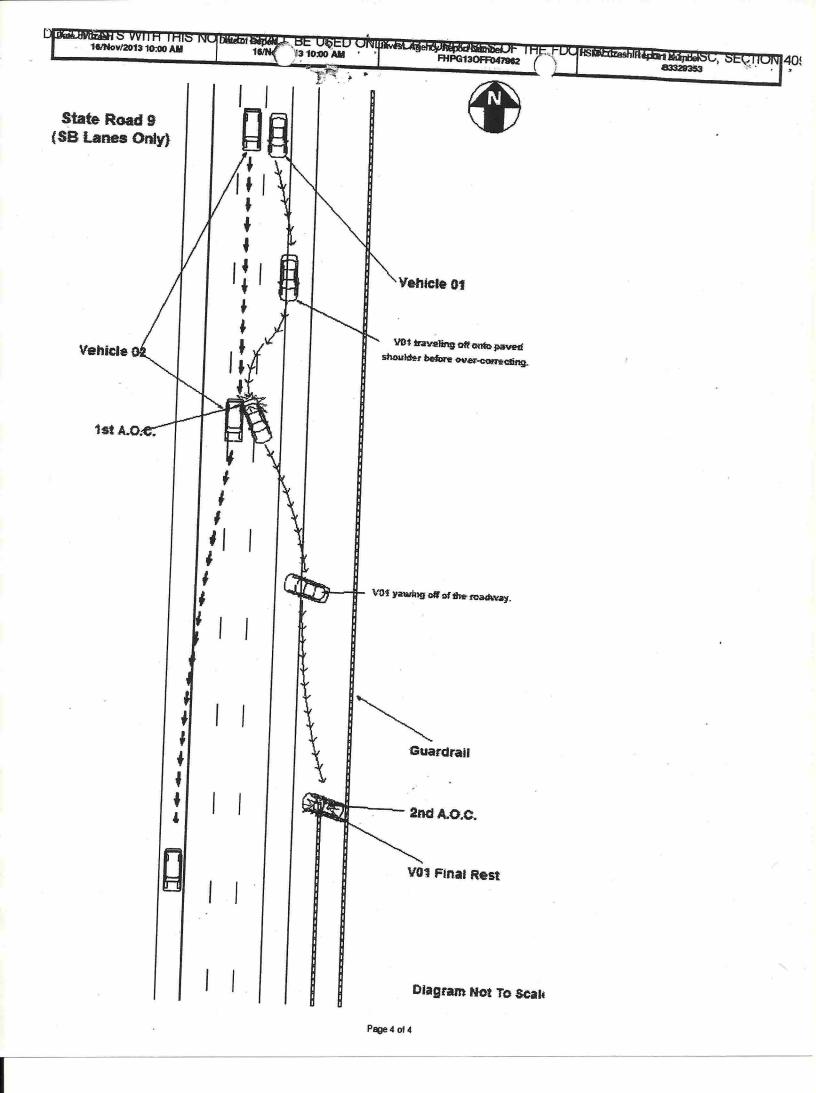
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| From: | Ann Boudreau |
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| To: | Lisa Burtan |
| Subject: | FW: OSI Guardrail |
| Date: | Monday, October 13, 2014 11:15:53 AM |
| Attachments: | 2014-04-22 Police Crash Report.pdf |
| | ATT00001.htm |
| | 2014-05-01 INOVA IRB NHTSA Research Consent.pdf |
| | ATT00002.htm |
| | 2014-05-30 VDOT Invoice.pdf |
| | <u>ATT00003.htm</u> |
| | 2014-04-22 PHI Medical Flight Info.pdf |
| | <u>ATT00004.htm</u> |
| | <u>ATT00005.htm</u> |
| | <u>ATT00006.htm</u> |
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| | <u>ATT00010.htm</u> |
| | <u>ATT00011.htm</u> |
| | <u>ATT00012.htm</u> |

Noticed that I still had this in my inbox.

From: Melanie MacDonald
Sent: Sunday, September 28, 2014 9:07 PM
To: Ann Boudreau
Cc: Sean Kane
Subject: OSI -- Guardrail

Please add to OSI list.

Melanie J. MacDonald Safety Research & Strategies, Inc. 340 Anawan Street, Ste. 200 Rehoboth, MA 02769 (508) 252-2333 – Ofc. Phone (407) 902-1230 – Cellular Email: <u>melanie@safetyresearch.net</u> Web: <u>www.safetyresearch.net</u>

Check out: <u>www.thesafetyinstitute.org</u>

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Begin forwarded message:

From: Date: September 27, 2014 at 1:02:26 PM EDT To: jamie@thesafetyinstitute.org Subject: Attn: Melanie MacDonald

Hi Melanie,

Thank you for taking the time to talk to me last week. As you can imagine, we are just a bit overwhelmed by the events of, and information we have learned since my daughter and mother's car accident on, April 22, and we want to do whatever we can to prevent this from happening to another person.

I cannot begin to explain how the events of that day haunt me. From the call from my daughter telling me they had an accident and my initial relief when she told me they hit a guardrail and not another car, the confusion when I learned a helicopter was enroute, and then being met at the emergency room entrance by a social worker who first told me the extent of my mom's injuries, to the chief trauma surgeon telling me to prepare myself that she wouldn't survive. I'm sure from your own experiences you know that sinking feeling.

The accident happened on a route that my daughter regularly travels to school, and she no doubt struggles with the visions, smells, sounds, and emotions of that day, every morning. My mother continues to make progress with mobility but in addition to the traumatic amputation of her legs, this event has aged this young 73-year old in so many ways. Naturally, we have concerns about the two of them having to relive that day over and over again in court, but understand that it may be necessary in order keep another family from experiencing similar horrific events.

I'm not sure what information will be most helpful, so I've attached the following list of things, and included some relevant contact information below.

- Copy of Police Crash Report with a diagram of the crash and indicating that the most harmful event was from the guardrail
- Copy of original invoice from VDOT for the guardrail replacement
- Copy of PHI Air Medical flight information The name of the nurse on board is listed at the bottom.
- Photos (4) my husband took of the car exterior while it was at River Creek towing. *He would not take photos of the interior.*
- Photos (4) of my mom's injuries (these are graffic)
- Copy of a Consent for Research Study my mom signed while in the hospital (*Dr. Michetti* is listed as principal investigator for this study. He is part of the trauma surgical team at Fairfax Hospital and performed one of my mom's nine surgeries.)

I believe that the Hamilton Fire & Rescue and/or Loudoun County Sheriff's departments must have photos from the scene. Also, the anesthesiologist who worked on my mom's first and second surgeries asked me if I had seen the photos of the accident. When I told him I hadn't, he said "Just know, your daughter is very very lucky". So I can't help but think that the hospital also has photos. Not sure if they keep them on file or what they do with

them, and if they have them, how we get copies of them.

As I mentioned on the phone, my sister has an attorney friend (Everett Sanderson) who has inquired about representing my mother. We have not yet reached out to him, but he will probably be who we call when she is ready to talk to a lawyer. I've included his contact info below. He probably doesn't even know my name, Shanna McBride is my sister's name and they have known each other for years.

If you need written consent to get information from any of these, or have any questions for us, don't hesitate to call me. I look forward to talking to you again soon.



Contacts

Hamilton Volunteer Fire Department 39071 E Colonial Hwy Hamilton, VA 20158 540-338-6001

Hamilton Volunteer Rescue Squad 39071 E. Colonial Hwy Hamilton, VA 20158 540-338-3111

Purcellville Volunteer Fire Department 500 N Maple Avenue Purcellville, VA 20132 540-338-5961

Purcellville Volunteer Rescue 500 N Maple Avenue Purcellville, VA 20132 540-338-4706

I believ Leesburg Vol Fire & Rescue responded as well, but my understanding is that Hamilton & Purcellville were the two primary responders and that Hamilton was first to arrive.

PHI Air Medical Leesburg, VA 703-321-7719 Flight #67-14-47636A

Loudoun County Sheriff Crash Reconstruction Unit Investigator, 703-777-1021 ronald.beach@loudoun.gov

River Creek Towing & Recovery 9 Fort Evans Road, SE Leesburg, VA 20175 703-771-0177

<u>VDOT</u> Fiscal Division – Cash Payments 703-259-2979

<u>State Farm</u> Claims Agent: Carrie Greenhalgh *(she has been absolutely wonderful in helping us with the claims for all this!)* 800-238-3099

Everett Sanderson Shaw Cowart, LLP Austin, TX 512-634-8131 – Office 409-781-8347 – Mobile STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION CONTRACT MAINTENANCE WORK DOCUMENT

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION CONTRACT MAINTENANCE WORK DOCUMENT

375-020-05 MAINTENANCE

10/10

Page <u>1</u> of <u>1</u> DATE ISSUED WORK ACTIVITY **DATE RECEIVED** CONTRACT NUMBER E2P08-RO DATE WORK BEGAN JOB NUMBER UNIT DESCRIPTION St. Augustine Maintenance 2 ZOFI "DATE COMPLETED WORK UNITS ITEM NO. LOCATION WORK DESCRIPTION "DATE ACCEPTED EST ACTUAL ~53e308 K 5 503 VS 189 7 3 2 22 MA -13 M 22 -22-1 STAL Ļ UNITS ACCOMPLISHED: PRIMARY INTERSTATE TOTAL TOLL **REMARKS**: CERTIFIED CORRECT: MATERIAL COMPLIANCE CONTRACTOR NAME Jorgenson Contract Services VERIFIED Z PHONE_ FAX INSPECTOR MATERIAL SOURCE First Copy - Job File Second Copy - Contractor Third Copy - Contractor Fourth Copy - Contract Inspector Contractor Must Initial Date Received. Contractor Must Date & Initial When Completed. Inspector Must Date & Initial When Accepted; this is the Official Date of Final Acceptance for Work Referenced.

....

| a ru a | 5 39 5 | Ht-PDL- | 14-346 | |
|--|--|--------------------------------|---|---------------------------|
| | REPORT | PARTMENT OF TRANSPORTATION | PN/ | 850-005-01 MAINTENANCE |
| 5 2 4 | | AND FUNDS EXPENDITURE | | 1/99 |
| FLORIDA TRAFFIC CRASH "INCIDENT" REPORT NO. | REPORT OR 83329353 ; NONE | SENT DA | TE OF DAMAGE 11/16/ | (2012) |
| DATE REPAIR/REPLACEM | ENT BEGAN 11/16/2013 | DATE CON | | 2013 |
| PROPERTY REPAIRED/RE | PLACED Guardrail | s Second | | |
| LOCATION 1/2 Mile North o | f SR 207 | | | 2 |
| DRIVER'S NAME, ADDRES | S See Attached Crash Report | | c | |
| OWNER'S NAME, ADDRES | S See Attached Crash Report | | | |
| | | | L BRIDGE NO. | |
| DECLARATION OF EME | | | NON-EMERGENCY R | FPAIR |
| STATE FORCES; | | | NTRACT NO. E2P08 | |
| FINANCIAL PROJECT ID: | I/A | | | |
| TOTAL FUND | S EXPENDED FOR REPAIR/R | EPLACEMENT \$ | 2.070.40 | 1 |
| | ×. | | 3,279.49 | |
| | I hereby certify that the info | mation contained in this | <u>297</u> | |
| a | nd the documents attached are ac | curate to the best of my under | rstanding. | |
| | | the party | Alle | |
| Sworn to and subscribed before | day | of January | Maintenance Engineer | el m |
| - Jonesman of | alupta | _ (name of affiant). He/She | is personally known to me | or has produced |
| State ofFlorida | · · · · · | MY COMMISS | RUCRWIII (194) as identific ION # EE854305 March 07, 2017 | ation. |
| | (N | otary's printed name) | aryService.com | |
| Distribution: Accident dam *Office of the | age3 copies (original signatures General Counsel will provide a cop | | My commissio neral Counsel* fice of Comptroller | n expires |
| Attachments:Floric | da State Accident Report; r Report | DOT Accident Report | .14 | 00 |
| State | Force Cost Documentation | | | TAR |
| Сору | of contractor's invoice (original se | nt to Office of Comptroller) | 2 | NER |
| | ographs of damage | | 9 | E S |
| iviost | recent bridge inspection report and onal explanation | d post-accident inspection rep | P₩ 12:07 | COU |
| | t of Bridge Accident | | 07 | INSEL |
| | | | | |

| STATE FORCE AND | FLORIDA DEPARTMENT OF TRANSPORT | | 850-005-02 MAINTENANCE 08/06 |
|--|--------------------------------------|--|---|
| | Lucas Oren | dorff | |
| (For reporting repair of dama | ge to state property or equipment of | or other state force work) | FOREMAN |
| WORK PERFORMED Guardrail Repair LOCATION 1/2 Mile North of SR 207 | DATE OF ACCIDENT | | E OF AIRS <u>11/19/2013</u> |
| STATE ROAD NO. 9 C | OUNTY St Johns | COST CENTER | NO. <u>297</u> |
| Employee Name and Title | Hourly ⁽ Rate | (1) Hours ⁽²⁾ X X X X X X X X X X X X X X X X X X X | Amount = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ = $\$0.00$ |
| Benefits = \$ | ⁽³⁾ x | xx x | $={=$ |

Overhead No. Inmates

(1) (2)

Divide bi-weekly rate by 80 (hours) Include overtime hours if applicable. Show exempt employees at actual hours, straight time. (3)

\$

EQUIPMENT:

| | туре | DOT No. | (Miles/Hours) | Unit Cost | | |
|---------------------------------------|------|---------|---------------|-----------------|-----|----------|
| | | | | X | = | \$0.00 |
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| MATERIALS: | | | | | 1 | \$0.00 |
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| | | | | х | = | \$0.00 |
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| CONTRACT COST: | | 14.1 | | MATERIALS COST: | | \$0.00 |
| CONTRACT COST: | | | | · · · · · | | ця. |
| Panels | ltem | | No. | Each | | |
| Wood Block | | | 62.50 | X\$15.46 | = | £000.0F |
| Steel Post | | | 9.00 | X\$6.10 | | \$966.25 |
| Asphalt | | | 1.00 | X \$36.50 | = - | \$54.90 |
| Emergency Work | | | 0.20 | X \$21.53 | = - | \$36.50 |
| Rub Rail | | | 1.00 | X \$1,977.40 | | \$4.31 |

1.00

⁽³⁾ x ⁽³⁾ x

(hours) x

X \$36.50 X \$21.53 X \$1,977.40 X \$71.58 CONTRACT COST: \$1,977.40

\$1,977.40 \$71.58 \$3,279.49

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(current factor)

(current factor) /hr (rate)

LABOR COST:

TOTAL COST:

Rub Rail

\$3,279.49

850-005-02 MAINTENANCE 08/06

Continuation from previous page (totals displayed on page 1)

EQUIPMENT:

| Туре | DOT No. | (Miles/Hours) | | Unit Cost | з. |
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| | | | <u> </u> | ست من ست | \$0.00 |
| CONTRACT COST: | | | | | |
| Item | | | | | |
| Cable Anchor | | No. | | Each | |
| Wood Post | | 1.00 | Χ | \$0.88 = | 00 00 |
| Buffer End | | 5.00 | Χ | \$27.73 = | ψυ.00 |
| Impact Head | | 1.00 | х | \$0.96 = | <u>\$0.96</u> |
| Timber Breakaway Post | | <u>1.00</u> 2.00 | X | \$15.06 = | \$15.06 |
| Reflective Sheeting | | 1.00 | X | \$1.28 = | \$2.56 |
| Reflector | 1 | 3.00 | X | \$0.36 = | \$0.36 |
| | | 5.00 | x | \$3.36 = | \$10.08 |
| | | | X | = | \$0.00 |
| | | and the second se | X | | |
| | | | x | | <u>\$0.00</u> \$0.00 |

ũ,g



August 29, 2014

Via Email: <u>FDOT.PublicRecords@dot.state.fl.us</u> Florida Department of Transportation 1405 Thomas Avenue Leesburg, FL 34748

| Re: | Date of Accident | |
|-----|------------------|-------|
| | Location: S | |
| | Driver: | · · · |

Dear Sir or Madam:

Our law firm represents **and the second seco**

- 1. All documents related to the purchase of the subject guardrail end terminal involved in the subject accident;
- 2. All documents related to the original installation of the guardrail end terminal involved in the subject accident;
- 3. All documents related to the repair of the subject guardrail end terminal;
- 4. Any and all paper and/or computer files (e-mail included) regarding items 1-4 above.

This request includes copies of every document related to the above matters, regardless of the format in which the information was stored or whether it is currently in your possession or in storage.

If you refuse to provide this information, Chapter 119 of the Florida Statutes requires you to advise me in writing and indicate the applicable exemption to the Public Records Act. Also, please state with particularity the reasons for your decision, as required by Section 119.07(2). If the exemptions you are claiming only applies to a portion of the records, please delete that portion and provide photocopies of the remainder of the records according to Section 119.07(2). I reserve the right to appeal your decision to withhold any information.

I would appreciate it you would provide this information to me, as required by statute, by no later than September 19, 2014.

Cohen Milstein Seliers & Toll PLLC . 2925 PGA Boulevard Suite 200 Palm Beach Gardens, FL 33410 1: 561 515 1400 f: 561 515 1401 www.cohenmilstein.com Washington D.C. New York Philadelphia Chicago Florida Florida Dept. of Transportation

Page 2

Thank you for you anticipated cooperation. Should you have any questions, please contact me or my paralegal, Meg Harnett.

Very truly yours,

THEODORE J. LEOPOLD tleopold@coheninilstein.com

T/IL:rnf

doc# 758890

| a laura | | SON COLUMBIA CO. INC. | LETTER OF TRANSMITTAL |
|----------|--|--|---|
| | P.O. Bo | SON COLUMBIA CO., INC. x 1829 • Lake City, FL 32056-1829 752-7585 • (904) 755-5853 FAX | DATE 5 9 03 JOB NO. 22105 ATTENTION Alexa |
| | | | RE I-95 st. Johns County |
| | Earth Tech | | |
| ۰ | 280 Busine | ss Circle | |
| - | St. Augustin | ne FL 32092 | |
| WEARE | SENDING YOU 🕠 | Attached 🛛 Under separate cover via _ | the following items: |
| | | ☐ Prints | Samples |
| | | Change order | |
| COPIES | DATED | NO. | DESCRIPTION |
| | 516103 | Guardrail Certs. | |
| | | | BECEIVEN |
| | | | MAY 1 2 2003 |
| | | | EARTH TECH CONSULTING, INC. |
| THESE AR | E TRANSMITTED as che For approval For your use As requested For review and c | Approved as submitted Approved as noted Returned for corrections | Submit copies for distribution Resubmit copies for approval Return corrected prints |
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HIGHWAY SAFETY DEVICES, INC 5340 US Highway 92 West Plant City, FL 33567 (813)759-1559 Fax (813) 757-0924

LETTER OF TRANSMITTAL

| TO: | Anderson Colum P. O. Box 1829 Lake City, FL 32 | | | | | Date: ATTN: RE: | 5/6/2 Tony Wil FIN # 213 St Johns | 3505-1 | | 489-S |
|------|---|--------|-----------------------------------|---------|--|-------------------------------|--|-----------|-------------------------|------------------------------------|
| WE / | ARE SENDING YO Shop Drawings Copy of letter | | Attached Prints Change Orde | | Under sep Plans | | over via Samples | | the follo | wing items: ations |
| | Copies 1 | | Date 5/6/2003 | No 1 | Guardrail Ce | rtificatio | Descri n of Compli | | | |
| | | | | | | | | | | |
| | SE ARE TRANSMI For approval For your use As requested For review and co FOR BIDS DUE PLEASE RETUR | omment | | | Approved as Approved as Returned for Resubmit | noted correcti Prints r | Submit | s built d | copies for Corrected | approval distribution prints |
| | REMARKS | Please | e forward to t | he F | Iorida Depar | tment o | f Transpor | rtation | | |
| COP | Y TO: FILE | S | CANN | ED | SIGNED: | | UIS, SIGN | > | ES, INC. DINATOR | |

CENTRAL, FABRICATORS, INC. F.O. BOX 849 - KOSCIUSKO, MS 35090 (552) 298-1980 ANALYSIS REPORT

| S ET | | DESCRIPTION | GALV | HEAT NO | YELD | TENSLE | 2%E(4L | 8%EML | C | MN | P | S | S |
|----------------------|-------|---|--------|----------|----------|-----------|---------|-------|------|----|------|-----|------|
| 5 WB 5 ET 5 AP | 3222 | 12' 6" X 6' 3" W-BEAM - 12GA (GALV) | 4.0 CZ | 20282 | 50000.00 | 70000.00 | 23.00 | 0.00 | 9.19 | D | 0.01 | 1 0 | 0.04 |
| S AP | 3622 | 12' 6" X ANCHOR PANEL W-BEAM - 12GA (GALV) | 40 OZ | 725540 | 50000.DD | 70000.00 | 23.00 | 0.00 | D.22 | D | 0.01 | 0 | 0.02 |
| | TS2 | FLARED END TERMINAL (GALV) | 4.0.02 | 20201190 | 53270.00 | 62227.00 | 0.00 | 35.00 | 0.05 | 0 | 0.01 | D | D.01 |
| AD | P12 | 2" X 6" PIPE SLEEVE (GALV) | 4.002 | 853155 | 52432.00 | 76757.00 | 28.00 | 0.00 | 0.22 | D | 0.01 | 0 | 0.01 |
| | 282 | S' X B' X 5/5' MELT BEARING PLATE (GALV) | 4.0 OZ | W4176 | 44300.00 | 70500.00 | 35.00 | 0.00 | 0.18 | D | 0.01 | D | 0,27 |
| AP | >32 | ANCHOR PLATE (GALV) | 4.0 02 | 132847 | 51000.00 | 71600.00 | 32.00 | | 0.17 | ۵ | 0.01 | G | 0.05 |
| AP | -52 | 5'STEEL TUBE - 3 HOLE (GALV) | 4.0 02 | E33103 | 46100.00 | 86000.00 | | 27.00 | 0.14 | | 0.01 | | 1 |
| AP | 162 | 16' X 24" SOIL PLATE - 3 HOLE (GALV) | 4.0 OZ | 7468323 | 67200.00 | 77500.00 | 0.00 | 29.00 | 80,0 | 0 | 0.01 | D | 0.37 |
| 0 585 | ST5 | GROUND LINE STRUT | 4.0 02 | 291153 | 51200.00 | \$1600.00 | 25.00 | | 0.21 | • | D.00 | | |
| 0 SKI | FL1 1 | 2 6" X 6 3" W-BEAM - FLEAT/SKT ANCHOR(GALV) | 4.0 02 | 1A3882 | 65300.00 | 76500.00 | 34.00 | 0.00 | 0.19 | D | 0.01 | D | D.DI |
| 0 SK | CT4 | 6' O' STEEL TUBE (GALV) | 4.0 02 | 9000278 | 49200.00 | 62200.00 | 31.00 | 0.00 | 0.01 | 0 | 0.01 | 0 | 0.00 |
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SCANNED

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PAGE 1 OF 1

ROAD SYSTEMS, INC.

L

CERTIFICATION OF COMPLIANCE

WE CERTIFY THAT OUR PROCEDURES FOR QUALITY CONTROL OF THE SEQUENTIAL KINKING TERMINAL AND FLARED ENERGY ABSORBING TERMINAL MEET THE STRUCTURAL STEEL SPECIFICATION A-36 AND 50 KSI

GALVANIZING TO MEET SPECIFICATION ASTM 123

BOLTS AND NUTS COMPLY WITH ASTM A-307, A-325, AND ARE GALVANIZED TO MEET ASTM-153 ALL GUARDRAIL MEETS AASHTO M-180 ALL STRUCTURAL STEEL MEETS AASHTO M-183 ALL BOLTS, NUTS AND CABLES ARE OF DOMESTIC ORGIN ALL TIMBER POST AND BLOCKS MEET AASHTO M-168 AND PRESERVED TO AASHTO M-133

THIS PRODUCT IS MADE. MELTED AND MANUFACTURED IN THE UNITED STATES.

| CUSTOMER: | Central Fabricators, Inc. |
|-----------|---------------------------|
| | Industrial Park Drive |
| | Kosciusko, MS |

PROJECT: Stock PO # 1007

| No. | امت هـ | Par- | ip://s. | ۰, | ٩ |
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| Junt: | | - | - | 1.45 | : |
| (213 | NOV | 21 | 2002 | 1 | 1 |

| DESCRIPTION | PIECES | CENTRAL FABRICATORS, IN |
|------------------------|--------|-------------------------|
| FLEAT linpact Head | 308 | • |
| Cable Anchor Boxes | 308 | |
| 1/2 Structural Bolts | 2464 | |
| 1/2 Structural Nuis | 2464 | |
| 1/2 Structural Washers | 4928 | |

ROAD SYSTEMS, INC. CERTIFIED BY.

STATE OF TEXAS COUNTY OF HOWARD SWORN AND SUBSCRIBED BEFORE ME

THIS 15 DAY OF November 2002

HOLLIS BROWNE Notary Public, State of Texas My Commission Expires October 09, 2004

NOTARY PUBLIC:

MY COMMISSION EXPIRES: 10-7-04

ROAD SYSTEMS, INC. P.O. BOX 2163 BIG SPRING, TEXAS 79721

SCANNED

05/03/5003 01:41 CENTRAL FABRICATORS INC + BRYSON PRODUCTS

489-6

CENTRAL FABRICATORS, INC. P.O. BOX 849 - KOSCIUSKO, MS 33090 (682) 289-1980

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PAGE 1 OF 1

29/2003

CENTRAL FABRICATORS, INC. P.O. BOX 849 - KOSCIUSKO, MS 19090 (662) 289-1980 ANAL YSIS REPORT

| DIA | PART NUMBER | DESCRIPTION | GALV | HEATNO | YIELD | TENSLE | | SHENL | C | MN | P | 1 8 | 1 8 |
|-------|------------------------------|---|----------------------|----------------|-------------|--|--------|-------------|--------|-----|------|-----|-----|
| 400 | | 12" 6" X 6" 3" W-BEAM - 12GA (GALV) | 40 DZ. | 20283 | 50000.00 | | 23.00 | 00.00 | 0.18 | 0 | 0.01 | 0 | 0.0 |
| 125 | WB222 | 12 6 X 6 5 W-BEAM - 12GA (GALV) | 4.0 02 | 20254 | 50000.00 | | 23.00 | 0.00 | 0.19 | 0 | 0.01 | 0 | 0.0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | D | 0,00 | D | D |
| | | | 00.0 | | 0.00 | 00.0 | 0.00 | 0.00 | 00.0 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 00.0 | 0.00 | 00.0 | D.00 | D | P.00 | 0 | 0 |
| | | • | 0.00 | | 0.00 | 0,00 | 0.00 | 0.00 | 0.00 | D | 0.00 | D | C |
| | | | 00.0 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Ð | 0.00 | 0 | 0 |
| | | | 00.0 | | 0,00 | 0,00 | 0.00 | 000 | 0.00 | Q | D.00 | 0 | 0 |
| | | | 0.00 | | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | D | 00.0 | 0 | D |
| 1.1.1 | | | 0.00 | | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | 0 | 00.0 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 00.9 | 0.00 | 0 | 00.0 | 0 | D |
| | | | 000 | | 00.0 | 0,00 | 00.0 | 00.0 | 0.00 | D | 0.00 | 0 | 0 |
| | | | 00.0 | | 00.0 | 0.00 | 00.0 | 0.00 | 0.00 | 0 | 00.0 | D | D |
| | | - | 000 | - | 0.00 | 0.00 | 00.0 | 00.0 | 00.0 | 0 | 0.00 | D | 0 |
| | | * | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | p | 0.00 | 0 | D |
| - | | | 0.00 | - 1 | 0.00 | 00.0 | 0.00 | 000 | 0.00 | 0 | 0.00 | D | D |
| - | | * | 0.00 | | 0.00 | 0.00 | 0.00 | 00.0 | 00.0 | 0 | 00.0 | D | 0 |
| | | | 0.00 | | DDD | 0.00 | 0.00 | 010 | 0.00 | D | 0.00 | 0 | D |
| | | | 0.00 | | 0.00 | 00.0 | 0.00 | 0.00 | 0,00 | 0 | 00.0 | D | D |
| | | | DDD | | 0.00 | 00.0 | 0.00 | 0.00 | 00.0 | D | 0.00 | Ø | 0 |
| | | - | 00.0 | | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | D | 0 |
| | | • | 0.00 | | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 00.0 | 0 | 0 |
| | | • | 0.00 | | 00.0 | 00.0 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | D |
| | | • | 00.0 | | 00.0 | 00.0 | 000 | 00.0 | 00.0 | D | 8.00 | Ď | D |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | Ð | 0 |
| - | 1 | | 0.00 | | 0.00 | 0.00 | DDD | 0.00 | 0.00 | 0 | 0.00 | 0 | D |
| v. A | FL Ga STM A-123; Cable; A | terial covered by the above functs has been test andrail meets requirements of AASHTO M-189; I ASHTO M-30; flotts comply with ASTM-307 and/A ASTM-163. All material listed above was produ | Salv.: ASTM A-123, A | ASTM A-SE; Pou | EL AASHTO I | R-183,ASTN A-35 domestic 153. All other galv. muteria | | | | , | | | |
| | Date Shipped: | Shipped To: | County: | | State: | Project No: | 1 | Bill Of Lad | gol | | | | |
| | 04728/2003 | HIGHWAY SAFETY DEVICES | ST JOHNS | | FL | 13183-489G | | 7742-6 | | | | | |
| te o | Mississippi, County | of Attala: Swom and Subscribed before me | | | | | | | | , | | | |
| | 26TH day | | APRIL | ,2003 | | CENTRAL FABRICATORS | , ING. | | 4 . | / | | | |
| | A 0. 7 | K. Watson | | | | | | 4 | 11/7 | sty | | | |
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| | | | P.O. BOX | AL FABRICAT 149 - KOSCIUS (662) 289-198 WALYSIS REPO | (C), MIS 3909(0 | 0 | | | 4 | | | | |
|---------------|-------------------|--|---|---|------------------------------|--|--------|-------------|------|----|-------|----|---|
| QTY | PART NUMBER | | DALV | HEAT NO | YIELD | TENSILE | 2%EML | 8%ENL | C | MN | P | S | |
| 800 | GP212R | X 8.5 X 6 6 POST - DOUBLE FACED - RUB RAIL (GA | 4.0 OZ | J26948 | 47000.00 | 85500.00 | 0.00 | 29.00 | 0,09 | 0 | 0.01 | 0 | |
| | | • | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | + |
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| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | - |
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| - | | | 0.00 | · · · | 0.00 | 000 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | |
| t. alv. Al | FL I | nuterial covered by the above heats has been tested as Guardiali meets requirements of AASHTO M-180; Galv. AASHTO M-19; Bolts comply with ASTM-307 and/or A- or ASTM-165. All material listed above was produced of | coording to the ASTIR A-121, J 325 specificatio | ASTM A-38; Pos ns and are gals | dure and con the AASHTO I | nplies with specifications H-163,ASTM A-38 domestic 153. All other galv, materia | strel, | | | | | - | |
| | Date Shipped: | Shipped Fo: | County: | | State: | Project No: | 1 | Bill Of Lad | Ing | | | | |
| | 04/22/2003 | HIGHWAY SAFETY DEVICES | ST. JOHN'S | | FL. | PO#13183-489G | | 7742-6 | | | | | |
| tata of | Mississippi, Coun | ity of Attata: Swom and Subscribed before me day of | | ,2003 | | CENTRAL FABRICATORS | | | | 1 | | | |

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PAGE 1 OF 1

S.I. Storey Lumber Company, Inc.

Phone: (706) 234-1605

P.O. Box 99, Annuchee, GA 30105

Fact (706) 235-8132

CERTIFICATE OF COMPLIANCE

NOVEMBER 19, 2002

CENTRAL FABRICATORS KOSCIUSKO, MS

THE FOLLOWING MATERIAL DELIVERED ON 11/12/02 ON BILL OF LADING NUMBER N09699 HAS BEEN INSPECTED BEFORE AND AFTER TREATMENT AND IS IN FULL COMPLIANCE WITH AASHTO M168 & M133 AND AWPA C-14 SPECIFICATIONS FOR CCA TREATED SOUTHERN PINE TIMBER GUARDRAIL COMPONENTS.

| MAT | TERIAL | CHARGE # | DATE | RETENTION | QUANTITY | |
|-----------------|----------|----------|------|-----------|----------|--|
| 51/2×71/2×421/2 | BCT Post | 02-730 | | 0.71 | 240 | |

THIS CERTIFICATE APPLIES TO MATERIAL TREATED FOR your stock order number: 1006.

FOR ANY INQUIRIES, PLEASE RETAIN THIS DOCUMENT FOR FUTURE REFERENCE.

THANK YOU FOR YOUR ORDER,

SINCERELY,

100

Kenneth Storey SIGNED BEFORE ME THIS

DAY OF NOTARY

NOTARY PUBLIC CHATTOOGA COUNTY, GEORGIA MY COMMISSION EXPIRES APRIL 1, 2006



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CENTRAL FABRICATORS, INC. P.O. BOX B48 - KOSCIUSKO, MS 35050 (552) 289-1980 ANALYSIS REPORT

| 20 | ART NUMBER | DESCRIPTION | GALV | HEAT NO | YIELD | TENSILE | 2%ENL | B%ENL | c | MN | P | 1 5 | 51 |
|------|------------|--|--------|---------|----------|----------|-------|-------|------|----|-------|-----|-------|
| | WB222 | 12'6' X 6'3' W-BEAM . 12GA (GALV) | 4.0 OZ | 726141 | 50000.00 | 70000.00 | 23.00 | D.00 | 0.20 | 0 | 0.01 | 0 | D.01 |
| 00.1 | WB222 | 12" 6" X 5" 3" W-BEAM - 12GA (GALV) | 4.0 DZ | 728141 | 50000.00 | 70000.00 | 23.00 | 000 | 0.20 | 0 | 0.01 | D | 0.015 |
| 50 | W8222 | 17 6 X 6 3 W-BEAM - 12GA (GALV) | 4.0 OZ | 20282 | 50000.00 | 70000,00 | 23.00 | 0.00 | 0.19 | 0 | 0.01 | 0 | 8,043 |
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| | | terial covered by the above heats has been tests | | | - | - | - | - | | | | | - |

Bronda K. Watson MY COMMISSION EXPIRES APRIL 13, 2003 NOTARY PUBLIC

PAGE 1 OF 1

CENTRAL FABRICATORS INC + BRYSON PRODUCTS

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ASTRO OPTICS CORP.

156 Williams Street Carpentersville, IL 60110 847/428-3181 FAX: 847/428-3979

April 29, 2002

Highway Safety Devices, Inc. 5340 US Hwy 92 West Plant City, FL 33567

RE: Certification Advanced Guardrail or Barrier Delineator

This is to certify that the AGR-1(2) Guardrail or Barrier Wall Delineator conforms to the Florida Dept. of Transportation specifications.

The AGR-1(2) consists of a 3 1/4" round centermount delineator riveted to a high impact lexan mounting bracket. The mounting bracket is constructed to permit adhering to the inside fold of a W-beam guardrail or flat surface with adhesive cement.

Intensity test of each reflector shall be equal to or exceed the following minimum values.

| Entrance Angle | Specific . | Intensity |
|----------------|------------|-----------|
| Degrees | cp/ | fc |
| | Crystal | Amber |
| 0 | 119 | 71 |
| +20 | 47 | 28 |

If we can be of any further assistance to you, please do not hesitate to contact our office.

Sincerely, ASTRO OPTICS CORP.

Thur.

Arthur P. Schueler President

Subscribed and sworn before me this 29th day of April, 2002.

OFFICIAL SEAL MARY E DAMSCH NOTARY IN STATE DE ALLINOIS MY COMMISSION EXPIRES 6/21/2002

Mary & Damach Notary Public

SCANNED

CENTRAL FABRICATORS, INC. P.O. BOX 849 - KOSCIUSKO, MS 39090 (662) 289-1980 ANALYSIS REPORT

| TY | PART NUMBER | DESCRIPTION | GALV | HEAT NO | YIELD | TENSILE | 2%ENL | 8%ENL | С | MN | P | S | SI |
|----|--|---------------------------------------|---------|---------|----------|----------|-------|-------|------|----|------|---|------|
| 00 | WB222 | 12' 6" X 6' 3" W-BEAM - 12GA (GALV) | 4.0 OZ. | 20293 | 50000.00 | 70000.00 | 23.00 | 0.00 | 0.19 | 0 | 0.01 | 0 | 0.01 |
| 25 | WB222 | 12' 6" X 6' 3" W-BEAM - 12GA (GALV) | 4.0 OZ. | 20294 | 50000.00 | 70000.00 | 23.00 | 0.00 | 0.19 | 0 | 0.01 | 0 | 0.01 |
| | | - | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | D | 0 |
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| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| 1 | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
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| | | • | 0.00 | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | · · · · · · · · · · · · · · · · · · · | 0.00 | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | and the second sec | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | - | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |

conforms with ASTM-123 or ASTM-153. All material listed above was produced and fabricated in the United States of America.

| Date Shipped: 04/28/2003 | Shipped To: HIGHWAY SAFETY DEVICES | County: ST JOHNS | State: FL | Project No: 13183-489G | Bill Of Lading 7742-6 |
|--|---------------------------------------|---------------------|--------------|---------------------------|--------------------------|
| State of Mississippi, County of this 287H day Brenda K | | APRIL ,2003 | | CENTRAL FABRICATORS, INC. | Mark Larly |
| NOTARY PUBLIC MY C | COMMISSION EXPIRES APRIL 13,2007 | | | | |

PAGE 1 OF 1

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CENTRAL FABRICATORS, INC. P.O. BOX 849 - KOSCIUSKO, MS 39090 (662) 289-1980 ANALYSIS REPORT

| | | | A | NALYSIS REPO | DRT | | | | | | | 1.000 | |
|-----------------|---|--|--------------------------------------|----------------------------------|--------------|--|--------|-----------------------|--------|---------|------|-------|-------|
| QTY | PART NUMBER | DESCRIPTION | GALV | HEAT NO | YIELD | TENSILE | 2%ENL | 8%ENL | L C | MN | P | S | SI |
| 295 | WB222 | 12' 6" X 6' 3" W-BEAM - 12GA (GALV) | 4.0 OZ. | 20293 | 50000.00 | 70000.00 | 23.00 | 0.00 | 0.19 | 0 | 0.01 | 0 | 0.016 |
| 80 | WB222 | 12' 6" X 6' 3" W-BEAM - 12GA (GALV) | 4.0 OZ. | 20294 | 50000.00 | 70000.00 | 23.00 | 0.00 | 0.19 | 0 | 0.01 | 0 | 0.018 |
| 100 | GP52AD | W6 X 8.5 X 6'6" POST - DOUBLE FACED - AL (GALV) | 4.0 OZ | J32309 | 48600.00 | 67300.00 | 0.00 | 28.00 | 0.09 | 0 | 0.01 | 0 | 0.17 |
| | · · · · · · · · · · · · · · · · · · · | • | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
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| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
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| 1 | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| I | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
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| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | - | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | - | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | and the second second | - | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| iv. Al nforr | FL STM A-123; Cable ns with ASTM-123 Date Shipped: 04/28/2003 | material covered by the above heats has been tested a Guardrail meets requirements of AASHTO M-180; Galv : AASHTO M-30; Bolts comply with ASTM-307 and/or A- or ASTM-153. All material listed above was produced Shipped To: HIGHWAY SAFETY DEVICES | .: ASTM A-123, A 325 specificatio | ASTM A-36; Po ons and are gal | st: AASHTO I | M-183,ASTM A-36 domestic 153. All other galv. materia | ls | Bill Of Lad 7742-7 | ding | | | | |
| | | nty of Attala: Sworn and Subscribed before me | | | | | | | | 1 | | | |
| is | | day of | APRIL | ,2003 | | CENTRAL FABRICATORS | , INC. | | A | 1 . | | | |
| | | K. Watson | | | | | | / | Mark 7 | Instity | | | |
| TAR | Y PUBLIC | MY COMMISSION EXPIRES APRIL 13,2007 | | | | | | | | 1 | | | |

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PAGE 1 OF 1

CENTRAL FABRICATORS, INC. P.O. BOX 849 - KOSCIUSKO, MS 39090 (662) 289-1980 ANALYSIS REPORT

| | | | A | NALYSIS REPO | | | | | | | | | |
|-----------------|--|--|---|-----------------------------------|--|---|---------|-------------|-------|--------|------|---|------|
| QTY | PART NUMBER | DESCRIPTION | GALV | HEAT NO | YIELD | TENSILE | 2%ENL | 8%ENL | С | MN | P | S | SI |
| 100 | GP52AD | W6 X 8.5 X 6'6" POST - DOUBLE FACED - AL (GALV) | 4.0 OZ. | J26952 | 49800.00 | 66700.00 | 0.00 | 28.00 | 0.09 | 0 | 0.01 | 0 | 0.1 |
| 400 | RR210 | 12' 6" X 6' 3" RUBRAIL - 10 GA (GALV) | 4.0 OZ. | 20568 | 50000.00 | 70000.00 | 23.00 | 0.00 | 0.20 | 0 | 0.01 | 0 | 0.02 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
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| T | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | - | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| - | | | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
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| | | • | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | · · · · · · · · · · · · · · · · · · · | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • · · · · · · · · · · · · · · · · · · · | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| lv. AS nform | FL TM A-123; Cable: s with ASTM-123 Date Shipped: | material covered by the above heats has been tested an Guardrail meets requirements of AASHTO M-180; Galv. : AASHTO M-30; Bolts comply with ASTM-307 and/or A- or ASTM-163. All material listed above was produced Shipped To: | : ASTM A-123, 325 specification and fabricated County: | ASTM A-36; Pos ons and are gab | st: AASHTO I v. per ASTM- ates of Amer State: | M-183,ASTM A-36 domestic 153. All other galv. materia ica. Project No: | lls | Bill Of Lac | ling | | | | |
| | | HIGHWAY SAFETY DEVICES | ST JOHNS | | FL | 13183-489G | | 7742-8 | | , | | | |
| | 25TH | day of | APRIL | ,2003 | | CENTRAL FABRICATORS | i, INC. | | | 1 | | | |
| s | | K. Water | | | | | | 1 | And y | Sinkly | | | |

SCANNED

PAGE 1 OF 1

Doc#815105



LUMBER COMPANY, INC.

CERTIFICATE OF COMPLIANCE

OCTOBER 17, 2003

CENTRAL FABRICATORS KOSCIUSKO, MS

The following material delivered on 10/16/13 on bill of lading number N 11329 has been inspected BEFORE AND AFTER TREATMENT AND IS IN FULL COMPLIANCE WITH APPLICABLE SPECIFICATIONS FOR CCA TREATED SOUTHERN PINE TIMBER GUARDRAIL COMPONENTS FOR THE BEST/FLEAT/SKT 350/Regent-C and AASHTO M168 & M133; FLDOT SEC. 536-2; ALDOT SEC. 864; LADOTD SEC. 1014; AHTD SEC. 617.02.

| MA | TERIAL | CHARGE # | DATE | RETENTION | QUANTITY |
|---------------|----------|----------|----------|-----------|----------|
| 6x8x6' | CRT Post | 03-671 | 8/4/03 | 0.71 | 35 |
| 6x8x6' | CRT Post | 03-672 | 8/4/03 | 0.64 | 35 |
| 6x8x6' | CRT Post | 03-673 | 8/5/03 | 0.68 | 35 |
| 6x8x6' | CRT Post | 03-726 | 8/19/03 | 0.62 | 35 |
| 6x8x6' | CRT Post | 03-733 | 8/21/03 | 0.64 | 105 |
| 6x8x6' | CRT Post | 03-775 | 9/5/03 | 0.69 | 35 |
| 6x8x6' | CRT Post | 03-790 | 9/11/03 | 0.73 | 70 |
| 51/2X71/2X45" | BCT Post | 03-892 | 10/15/03 | 0.72 | 144 |
| 6x8x14" | Blockout | 03-616 | 7/18/03 | 0.74 | 140 |
| 6x8x14" | Blockout | 03-678 | 8/6/03 | 0.76 | 70 |
| 6x8x14" | Blockout | 03-679 | 8/6/03 | 0.70 | 140 |

THIS CERTIFICATE APPLIES TO MATERIAL TREATED FOR your order no.: 108.

FOR ANY INQUIRIES, PLEASE RETAIN THIS DOCUMENT FOR FUTURE REFERENCE.

SINCERELY, Koren & St

Karen Storey

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| Project #: _ | | |
|---------------|--|--|
| Contract #: _ | | |
| County: | | |
| Contractor: | | |
| By: | | |

SIGNED BEFORE ME THIS 17 DAY OF OCTOBER 20 03. NOTARY

FLDOT STATE MATERIALS OFFICE

NOTARY PUBLIC FLOYD COUNTY, GEORGIA My Commission Expires April 1, 2006

Qualified Timber Producer: T-002

Our status as a FLDOT pre-qualified timber producer can be confirmed at: http://wwwll.myflorida.com/statematerialsoffice/Administration/approvedlistings/postjuly2002.htm Phone: 706-234-1605 P.O. Box 99, Armuchee, GA 30105 Fax: 706-235-8132



CERTIFICATE OF COMPLIANCE

CTOBER 17, 2003

CENTRAL FABRICATORS KOSCIUSKO, MS

THE FOLLOWING MATERIAL DELIVERED ON 10/16/13 ON BILL OF LADING NUMBER N 11329 HAS BEEN INSPECTED BEFORE AND AFTER TREATMENT AND IS IN FULL COMPLIANCE WITH APPLICABLE SPECIFICATIONS FOR CCA TREATED SOUTHERN PINE TIMBER GUARDRAIL COMPONENTS FOR THE BEST/FLEAT/SKT 350/Regent-C and AASHTO M168 & M133; FLDOT SEC. 536-2; ALDOT SEC. 864; LADOTD SEC. 1014; AHTD SEC. 617.02.

| MA | FERIAL | CHARGE # | DATE | RETENTION | QUANTITY |
|---------------|----------|----------|----------|-----------|----------|
| 6x8x6' | CRT Post | 03-671 | 8/4/03 | 0.71 | 35 |
| 6x8x6' | CRT Post | 03-672 | 8/4/03 | 0.64 | 35 |
| 6x8x6' | CRT Post | 03-673 | 8/5/03 | 0.68 | 35 |
| 6x8x6' | CRT Post | 03-726 | 8/19/03 | 0.62 | 35 |
| 6x8x6' | CRT Post | 03-733 | 8/21/03 | 0.64 | 105 |
| 6x8x6' | CRT Post | 03-775 | 9/5/03 | 0.69 | 35 |
| 6x8x6' | CRT Post | 03-790 | 9/11/03 | 0.73 | 70 |
| 51/2X71/2X45" | BCT Post | 03-892 | 10/15/03 | 0.72 | 144 |
| 6x8x14" | Blockout | 03-616 | 7/18/03 | 0.74 | 140 |
| 6x8x14" | Blockout | 03-678 | 8/6/03 | 0.76 | 70 |
| 6x8x14" | Blockout | 03-679 | 8/6/03 | 0.70 | 140 |

THIS CERTIFICATE APPLIES TO MATERIAL TREATED FOR your order no.: 108.

FOR ANY INQUIRIES, PLEASE RETAIN THIS DOCUMENT FOR FUTURE REFERENCE.

form of Sh

Karen Storey

SINCERELY,

| Project #: | |
|-------------|------|
| Contract #: | |
| County: | |
| Contractor: | |
| By: | |

SIGNED BEFORE ME THIS 17 DAY OF OCTOBER 20 03. auto NOTARY

FLDOT STATE MATERIALS OFFICE Qualified Timber Producer: T-002

NOTARY PUBLIC FLOYD COUNTY, GEORGIA My Commission Expires April 1, 2006

Our status as a FLDOT pre-qualified timber producer can be confirmed at:

http://wwwll.myflorida.com/statematerialsoffice/Administration/approvedlistings/postjuly2002.htm

Phone: 706-234-1605

P.O. Box 99, Armuchee, GA 30105

Fax: 706-235-8132

1002.001.02 7962358132

SI STOREY LUMBER

PAGE 01 / Z WO220



JULY 29, 2003

LETTER OF GUARDRAIL CERTIFICATION

Central Fabricators Kosciusko, Ms 39090

To Whom it may Concern:

This notarized letter is to accompany our invoice N 10854 for your P.O. #:64. For future reference the treatment charge numbers and accompanying assay retentions for this order are as follows:

| Charge Number | Treatment Date | Assay Retention |
|---------------|----------------|-----------------|
| 03-511 | June 19, 2003 | 0.57 |
| 03-512 | June 20, 2003 | 0.53 |
| 03-553 | June 30, 2003 | 0.41 |

This letter certifies that these materials were produced according to all DOT specifications. For any inquiries please retain this document for future reference to these materials. Thank you for your order.

| Karen Storey | Contract #: _ | |
|--|--------------------------|---|
| | | |
| Notary Charles R Clamon | By: | |
| Notary Public Chattooga County Georgia My Occupiesion Expires April 1, 2006 | | FLIXOT STATE MATERIALS OF PICE Qualified Timber Producer: T-902 |
| OUT status as a FLDOT pre-qualifie | d timber producer can be | e confirmed at |
| http://www11.myflorida.com/statematerialsoffle | e/Administration/approv | edlistings/postjuly2002.htm |

Phone: 706-234-1005

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P.O. Box 99, Armuchee, GA 30105

Fax: 706-235-8132

| | BILL OF LADING | 7742-50 | | ENTRAL FABRICATO BOX 849 - KOSCIUSKO (662) 289-1930 ANALYSIS REPOR | o, MS 39090 | | CUSTOMER PO #: | | 1348 | 3-486G | | 1 | | |
|--------------|--|---|---------------|---|--------------------------------------|--------------------------|----------------------|-------|--------|--------|-----------|------|--------|------|
| OTY | PARTNUMBER | DESCRIPTION | GAL | | CTRL NO | MELD | TENSILE | 2%ENL | 8%ENI. | I C | MN | P | 5 | SI |
| 51 | WB222 | 12' 6" X 6' 3" W-BEAM - 12GA (GALV) | 4.00 | | 15 | 60300.00 | 70900.00 | 30.00 | 0.00 | 0.07 | 0.48 | 0.01 | 0.01 | 0.01 |
| 20 | RR210 | 12 6" X 6" 3" RUBRAIL - 10 GA (GALV) | 4.00 | | 20568 | 50000.00 | 70000.00 | 23.00 | 0.00 | 0.20 | 040 | 001 | 0 | 0.0 |
| 27 | T8532 | THRIE BEAM TRANSITION SECTION (GALV) | 4.00 | | G0071 | 66100.00 | 74300.00 | 0.00 | 27.00 | 0.20 | 0.65 | 0.01 | 0.016 | 00 |
| 27 | TB132 | 25'0" X 3' 1 1/2" T-BEAM - 12GA (GALV) | 4.00 | | 343-36119 | 64520.00 | 77440.00 | 0.00 | 24.00 | 014 | 000 | 0.01 | 0.016 | 0 |
| 54 | TB232 | 12' 6" X 3' 1 1/2" T-BEAM - 12GA (GALV) | 4.00 | | 384-N30648 | 61000.00 | 73500.00 | 26.00 | 0.00 | 007 | 0.71 | 0.02 | 0.003 | 0 |
| 27 | TT62 | 30 THRIE BEAM FLAT END SHOE (GALV) | 400 | | 254787 | 41.30 | 60.70 | 0.00 | 34.00 | 0.06 | 0 39 | 0.01 | 0.003 | 0.0 |
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| _ | | isted product meets the regulrements of the Florida | 1 | | | | 10.00 | | | | | | | |
| ardr v. A | all meets requireme STM A-123; Cable: ns with ASTM-123 o | AASHTO M-180; Galv.: ASTM A-123, ASTM / AASHTO M-30; Bolts comply with ASTM-307 and/o or ASTM-153. All material listed above was produc AIGHWAY SAFETY DEVIECS | A-36; Post: / | AASHTO N-183,ASTM clfications and are galv | A-36 domestic ste . per ASTM-153. | el, All other galv. n | | | | | LOCATION: | S | T JOHN | s |
| ite o s | 271h d | ty of Attala; Sworn and Subscribed before me ay of | OCT | .2003 | | | CENTRAL FABRICATORS, | INC. | | | | | | |
| - | | Y COMMISSION EXPIRES APRIL 13,2007 | | | | - | MARK LINDSEY | | | | | | | |

PRIDE Enterprises, Union Forestry PO Box 308 Raiford, Florida 32083 ph386-431-1912 sc 831-2411 fx 386-431-1520

Customer: High SAFETY DEVICES Address: 5340. US MUY. 92 W city/st/zip: 2AMIT CITY, FER. 33666

District:

Date:

10/6/03

To whom it may concern,

This notarization is to accompany your order $US \neq UOI338$ for D.O.T. project # The treatment charge numbers and accompanying assay retentions for your order are as follows:

| Charge # | Assay Retention | Qty | Description of Order |
|--------------|-----------------|-----------------|-------------------------|
| <u>888-)</u> | .40 | <u>2,268</u> ea | 6"Y8 "114" I hole Black |
| | | ea | |

This letter certifies that these materials were produced according to all D.O.T. specifications. For any inquiries please retain this document for any future references to these materials. Thak you for your order.

Sincerely, Am Hannon

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Production Manager

| County of | Union | _ | |
|-------------------------|--------|--------------|----|
| Signed before pie this_ | 6 | Ally of the | T. |
| Notary AU | ug | Lau Dru | |
| My Commission expires | à | 120/06 | |
| Personally known | or Ide | entification | |



CENTRAL FABRICATORS, INC. P.O. BOX 849 - KOSCIUSKO, MS 39090

| | BILL OF LADING | 7742-47 | 1 | (662) 289-1980 (662) 289-1980 ANALYSIS REPOR | | | CUSTOMER PO #: | | 1318 | 3-489G | |] | | |
|---------|----------------|--|--------|--|---------|----------|----------------|-------|-------|--------|-----|------|-------|------|
| TY | PART NUMBER | DESCRIPTION | GALV | HEAT NO | CTRL NO | YIELD | TENSILE | 2%ENL | 8%ENL | C | MN | P | 5 | I SI |
| 450 | GP52AD | W6 X 6.5 X 6'6' POST - DOUBLE FACED - AL (GALV) | 4.0 OZ | J32286 | J32286 | 48500.00 | 67400.00 | 0.00 | 25.00 | 0.10 | 0 | 0.01 | 0 | 01 |
| 240 | WB222 | 12 6" X 6 3" W-BEAM - 12GA (GALV) | 4.0 OZ | 735932 | 17 | 50000.00 | 70000.00 | 23.00 | 0.00 | 0.21 | 077 | 0.01 | 0.003 | 0.0 |
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PRIDE Enterprises, Union Forestry PO Box 308 Raiford, Florida 32083 ph386-431-1912 sc 831-2411 fx 386-431-1520

| Customer: | Inghing Sitery Device |
|--------------|-----------------------|
| Address: | 5340 US. HUH. 92 N. |
| city/st/zip: | PIANT CITY FLA. 33566 |

To whom it may concern,

This notarization is to accompany your order

for D.O.T. project # The treatment charge numbers and accompanying assay retentions for your order are as follows:

| Charge # | Assay Retention | Qty · | Description of Order |
|----------|----------------------------------|-----------------|---------------------------|
| 880- | .4/2 | <u>2,269</u> ea | 6 X8 TH " / hots On Block |
| | | ea | |
| | | ea | |
| | tight de disch och ministration. | ea | |
| | | ea | |

This letter certifies that these materials were produced according to all D.O.T. specifications. For any inquiries please retain this document for any future references to these materials. Thak you for your order.

Sincerely,

Al Shadd

as shadd

Ì

Production Manager

| County of | Union | | 240 |
|------------------------|-------------------|--|-----|
| Signed before me this_ | 10 day of CCX. | | |
| Notary Dau | ua landre | | |
| My Commission expires | 2/24/070 | LAURA L CRAWFORD MY COMMISSION # DD 095589 | |
| Personally known | or Identification | EXPIRES: February 26, 2006 Bonded Thru Notary Public Underwriters | |



10/13/03

District:

Date:

| OF LADING | 7742-45 | | RAL FABRICATOF 849 - KOSCIUSKO (662) 289-1980 ANALYSIS REPOR | , MS 39090 | | CUSTOMER PO #. | | 1318 | 3-489G | | ٦ | | |
|-----------|--|--|---|--|--|--|---|---|--------------------|---|---|---|---|
| RT NUMBER | DESCRIPTION | GALV | HEAT NO | CTRL NO | MELD | TENSILE | 2%ENL | 8%ENL | C | MN | P | I S | S |
| | W6 X 8 5 X 6' 6" POST - DOUBLE FACED - FL RUB RA | 40 OZ. | J26950 | J26950 | 47600 00 | 67500.00 | 0.00 | 26.00 | 0 11 | 0 | 0.01 | 0 | 0,1 |
| OF LILIT | BLANK | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 1 0 | 1 0 |
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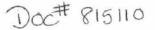
| | | | | NTRAL FABRICATO OX 849 - KOSCIUSKO (662) 289-1980 | | | | | | | | 1 | | |
|------------------------------|---|--|-----------------------------|---|------------------------------------|--------------------------|---|-------|-------|--------|--------------------------------|------|-----------------------|-------|
| | BILL OF LADING | | | ANALYSIS REPOI | RT | | CUSTOMER PO #: | | | 3-489G | | 1 | | |
| QTY | PART NUMBER | DESCRIPTION | GALV | HEAT NO | CTRL NO | YIELD | TENSILE | 2%ENL | 8%ENL | C | MN | P | S | SI |
| 100 | GP292 | W6 X 8 5 X 6 6" POST - T-BEAM - WOOD/STEEL - SIN | 4.0 OZ | J26955 | J26955 | 47500.00 | 64700.00 | 0.00 | 25 00 | 0.09 | 0 | 0.01 | 0 | 0.17 |
| 380 | GP212R | W6 X 8 5 X 6' 6" POST - DOUBLE FACED - FL RUB RA | 4.0 OZ | J26950 | J26950 | 47600.00 | 67500.00 | 0.00 | 26.00 | 011 | 0 | 0.01 | 0 | 0.18 |
| 250 | RR210 | 12' 6" X 6' 3" RUBRAIL - 10 GA (GALV) | 4.0 OZ | 20568 | 20568 | 50000.00 | 70000.00 | 23.00 | 0.00 | 0.20 | 0 | 0.01 | 0 | 0.022 |
| 1 | TB532 | THRIE BEAM TRANSITION SECTION (GALV) | 4.0 OZ | G0071 | G0071 | 66100.00 | 74300.00 | 0.00 | 27.00 | 007 | 0.65 | 0.01 | 0.016 | 0.02 |
| 1 | TB132 | 25' 0" X 3' 1 1/2" T-BEAM - 12GA (GALV) | 4.0 02 | 343-36119 | 343-36119 | 64520.00 | 77440.00 | 0.00 | 24.00 | 014 | D | 0.01 | 0 | 0.21 |
| 2 | TB232 | 12' 6" X 3' 1 1/2" T-BEAM - 12GA (GALV) | 4.0 OZ | 384-N3D648 | 384-N30648 | 61000.00 | 73500.00 | 26 00 | 0.00 | 0.07 | 071 | 0.02 | 0.003 | 0.04 |
| 1 | TT62 | 30" THRIE BEAM FLAT END SHOE (GALV) | 4.0 OZ | 254787 | 254787 | 41.30 | 60.70 | 0.00 | 34.00 | 0.08 | 0 39 | 0.01 | 0.01 | 0.01 |
| 1 | AP572 | 12" X 20 1/2" X 5/6" T-BEAM BRIDGE PLATE (GALV) | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| 1 | AP572A | 8" X 12" X 1 1/4" T-BEAM FILLER PLATE - FOR 5 HOLE | 40.02 | 314-3815 | 314-3815 | 39600.00 | 59900.00 | 0.00 | 39.00 | 0.15 | 0 | 0.03 | 0 | 0.031 |
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| iuardra alv. AS onform | il meets requirem TM A-123; Cable: is with ASTM-123 | listed product meets the requirements of the Florida tents of AASHTO M-180; Galv.: ASTM A-123, ASTM A AASHTO M-30; Bolts comply with ASTM-307 and/or or ASTM-153. All material listed above was produce HIGHWAY SAFETY DEVICES | -36; Post: A A-325 speci | ASHTO M-183,ASTM fications and are gain | A-36 domestic ste per ASTM-153. | el, All other galv. m | | | | | LOCATION: | s | T JOHN | s |
| tate of | Mississippi, Cou | nty of Attala: Sworn and Subscribed before me | | - | | | | | | | | | | |
| is | | day of 1 | OCTOBER | ,2003 | | c | ENTRAL FABRICATORS, | INC. | | | | | | |
| | | MY COMMISSION EXPIRES APRIL 13.2007 | | | | _ | and the second se | | | | I CONTRACTOR AND A DESCRIPTION | | And the second second | |

PAGE 1 OF 1

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CENTRAL FABRICATORS, INC. P.D. BOX 849 - KOSCIUSKO, MS 39090

| | | | P.O | BOX 849 - KOSCIUSK | O, MS 39090 | | | | | | | | | |
|------|---|--|-----------------------------|--|--------------------------------------|----------|----------------------|----------|-------|--------|-----------|------|----------|----|
| | ſ | | 7 | (662) 289-1980 | | | | | | | | ٦ | | |
| | BILL OF LADING | 7742-49 | | ANALYSIS REPO | RT | | CUSTOMER PO #: | 1 | 1318 | 3-489G | | 1 | | |
| YTC | PART NUMBER | DESCRIPTION | GA | V HEAT NO | CTRL NO | YIELD | TENSILE | 2%ENL | 8%ENL | 0 | MIN | P | S | T |
| 00 | WB222 | 12' 6" X 6' 3" W-BEAM - 12GA (GALV) | D.0 | C N33141 | 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | |
| 8 | WB622 | 12 6" X ANCHOR PANEL W-BEAM - 12GA (GALV) | 4.0 | OZ 1306754 | 13 | 62500.00 | 84400.00 | 26.00 | 0.00 | 0.21 | 0 | 0.01 | 0 | 10 |
| 8 | ET92 | FLARED END TERMINAL (GALV) | 4.0 | OZ 20201190 | 20201190 | 41280.00 | 58214 00 | 0.00 | 37.00 | 0.06 | 0 | 0.01 | 0 | 10 |
| 21 | AP12 | 2" X 6" PIPE SLEEVE (GALV) | 4.01 | OZ Y47914 | Y47914 | 57746.00 | 67606.00 | 29.00 | 0.00 | 0.20 | 077 | 0.02 | 0.008 | 0 |
| 21 | AP282 | 8" X 8" X 5/8" MELT BEARING PLATE (GALV) | 4.0 | OZ W4176 | W4176 | 45900.00 | 70500 00 | 37.00 | - | 015 | - | 0.01 | | 10 |
| в | AP32 | ANCHOR PLATE (GALV) | 403 | OZ A3N0109 | A3N0109 | 53900.00 | 72700.00 | 29.60 | 0.00 | 019 | 0.46 | 0.01 | 0.011 | 10 |
| 8 | AP52 | 5' STEEL TUBE - 3 HOLE (GALV) | 4.0 0 | DZ 2304932 | 2304932 | 55300.00 | 67600.00 | 24.40 | 0.00 | 0.07 | 0.675 | 0.01 | 0.0248 | 0 |
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| 7 | | | | | | | | | | | | | | _ |
| ardr | all meets requirem STM A-123; Cable: | isted product meets the requirements of the Florid ents of AASHTO M-180; Galv.: ASTM A-123, ASTM AASHTO M-30; Bolts comply with ASTM-307 and/ or ASTM-153. All material listed above was produc | A-36; Post: or A-325 spi | AASHTO M-183,ASTM cifications and are gal | A-36 domestic st v. per ASTM-153. | eel, | | | | | | | | |
| | CONTRACTOR: | IGHWAY SAFETY DEVICES | | DOT PROJECT #: _ | 213505-1 | -52-01 | DOT CONTRACT #: | | | | LOCATION: | S | T. JOHN: | S |
| | | ty of Attala: Sworn and Subscribed before me | - | - | | | | | | | | | | _ |
| | | ay of | OCT | ,2003 | | | CENTRAL FABRICATORS, | INC. | | | | | | |
| | | Y COMMISSION EXPIRES APRIL 13,2007 | | | | | MARK LINDSEY | | | | | | | |



ROAD SYSTEMS, INC.

CERTIFICATION OF COMPLIANCE

WE CERTIFY THAT OUR PROCEDURES FOR QUALITY CONTROL OF THE SEQUENTIAL KINKING TERMINAL AND FLARED ENERGY ABSORBING TERMINAL MEET THE STRUCTURAL STEEL SPECIFICATION A-36 AND 50 KSI

GALVANIZING TO MEET SPECIFICATION ASTM 123

BOLTS AND NUTS COMPLY WITH ASTM A-307, A-325, AND ARE GALVANIZED TO MEET **ASTM-153** ALL GUARDRAIL MEETS AASHTO M-180 ALL STRUCTURAL STEEL MEETS AASHTO M-183 ALL BOLTS, NUTS AND CABLES ARE OF DOMESTIC ORGIN ALL TIMBER POST AND BLOCKS MEET AASHTO M-168 AND PRESERVED TO AASHTO M-133 and the second THIS PRODUCT IS MADE, MELTED AND MANUFACTURED IN THE UNITED STATES. 1. CUSTOMER: Central Fabricators, Inc. Industrial Park Drive CCT 16 2003 Kosciusko, MS ENTRAL FABRICATORS IN PROJECT: Stock PO # 106 DESCRIPTION PIECES SKT Impact Heads 72 FLEAT Impact Heads 176 Cable Anchor Boxes 248 1/2 Structural Bolts 1984 6 1/2 Structural Nuts 1984 1/2 Structural Washers 3968 2003 ROAD SYSTEMS, INC. EARTH TECH CONSULTING, INC CERTIFIED BY: STATE OF TEXAS COUNTY OF HOWARD SWORN AND SUBSCRIBED BEFORE ME HOLLIS BROWNE DAY OF October 2003 Notary Public, State of Texas THIS My Commission Expires folk October 09, 2004 NOTARY PUBLIC:

MY COMMISSION EXPIRES: 10-9-04

1

ROAD SYSTEMS, INC. P.O. BOX 2163 BIG SPRING, TEXAS 79721



EARTH TECH CONSULTING, INC

CERTIFICATE OF COMPLIANCE

OCTOBER 17, 2003

CENTRAL FABRICATORS KOSCIUSKO, MS

The following material delivered on 10/16/13 on bill of lading number N 11329 has been inspected before and after treatment and is in full compliance with applicable specifications for CCA Treated Southern Pine Timber Guardrail Components for the BEST/FLEAT/SKT 350/Regent-C and AASHTO M168 & M133; FLDOT Sec. 536-2; ALDOT Sec. 864; LADOTD Sec. 1014; AHTD Sec. 617.02.

| MAT | TERIAL | CHARGE # | DATE | RETENTION | QUANTITY |
|---------------|----------|----------|----------|-----------|----------|
| 6x8x6' | CRT Post | 03-671 | 8/4/03 | 0.71 | 35 |
| 6x8x6' | CRT Post | 03-672 | 8/4/03 | 0.64 | 35 |
| 6x8x6' | CRT Post | 03-673 | 8/5/03 | 0.68 | 35 |
| 6x8x6' | CRT Post | 03-726 | 8/19/03 | 0.62 | 35 |
| 6x8x6' | CRT Post | 03-733 | 8/21/03 | 0.64 | 105 |
| 6x8x6' | CRT Post | 03-775 | 9/5/03 | 0.69 | 35 |
| 6x8x6' | CRT Post | 03-790 | 9/11/03 | 0.73 | 70 |
| 51/2X71/2X45" | BCT Post | 03-892 | 10/15/03 | 0.72 | 144 |
| 6x8x14" | Blockout | 03-616 | 7/18/03 | 0.74 | 140 |
| 6x8x14" | Blockout | 03-678 | 8/6/03 | 0.76 | 70 |
| 6x8x14" | Blockout | 03-679 | 8/6/03 | 0.70 | 140 |

THIS CERTIFICATE APPLIES TO MATERIAL TREATED FOR your order no.: 108.

FOR ANY INQUIRIES, PLEASE RETAIN THIS DOCUMENT FOR FUTURE REFERENCE.

SINCERELY,

oren of S

Karen Storey

NOTARY

| Project #: | |
|-------------|--|
| Contract #: | |
| County: | |
| Contractor: | |
| Ву: | |

SIGNED BEFORE ME THIS 17 DAY OF OCTOBER 20 03.

NOTARY PUBLIC FLOYD COUNTY, GEORGIA My Commission Expires April 1, 2006 FLDOT STATE MATERIALS OFFICE Qualified Timber Producer: T-002

Our status as a FLDOT pre-qualified timber producer can be confirmed at:

http://wwwll.myflorida.com/statematerialsoffice/Administration/approvedlistings/postjuly2002.htm

Phone: 706-234-1605

1

P.O. Box 99, Armuchee, GA 30105

Fax: 706-235-8132

| ADING 7742-46 MBER DESCRIPTION AD W6 X 6 5 X 55" POST DOUBLE FACED - AL (3A 12 12"6" X 6"3" W-BEAM - 12GA (GALV) | GALV 40.02 40.02 | ANALYSIS REPOR HEAT NO G3-3665 N33139 | CTRL NO G3-3665 19 | YIELD 51500.00 60900.00 | CUSTOMER PO #: TENSILE 70300.00 78700.00 | 2%ENL 0.00 24.90 | 8%ENL 24.60 0.00 | -489G C 0 14 0 13 | NN 083 075 | P 001 | S 0.024 | 1 : |
|---|------------------------|--|--------------------------|-------------------------------|---|--|------------------------|----------------------------|------------------|----------|------------|-----|
| | | | | | | | | | | | | 1 |
| 12 12 6" X 6 3" W-BEAM - 12GA (GALV) | 4.0 oz | N33139 | 19 | 60900.00 | 76700.00 | 24.90 | 0.00 | 0 13 | 075 | 0.04 | | 0 |
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| | | | | | e above listed product meets the requirements of the Fiorida D.O.T. and Section 538-2 (Duardrali Assembiles) of the Contract Sp equirements of AASHTO M-180, CBW: ASTM A-36; Post: AASHTO N-183, ASTM A-36 domestic steel, | e above listed product meets the requirements of the Florida D.O.T. and Section 536-2 (Guardrail Assemblies) of the Contract Specifications. | | | | | | |

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| 8 | | 7742-51 | | (RAL FABRICATOR (849 - KOSCIUSKO (662) 289-1980 ANALYSIS REPOR | , MS 39090 | | CUSTOMER PO #: | | 1318 | 3-489G | | 7 | | |
|-------|-------------|--|--------|---|------------|----------|----------------|-------|--------|--------|------|------|-------|------|
| QTY I | PART NUMBER | DESCRIPTION | GALV | HEATNO | CTRL NO | MELD | TENSILE | 2%ENL | 8%ENI. | I C | MN | P | S | T |
| 260 | WB222 | 12' 6' X 6' 3' W-BEAM - 12GA (GALV) | 4.0 pz | N33141 | 20 | 62300.00 | 80800.00 | 26.00 | 0.00 | 019 | 0.78 | 0.02 | 0.002 | 1 00 |
| 180 | | W6 X 8.5 X 6' 6" POST - T-BEAM - WOOD/STEEL - DO | | G3-3665 | G3-3665 | 51500.00 | 70300.00 | 0.00 | 24.60 | 014 | 083 | 0.02 | 0.024 | 10 |
| 29 | | 12" X 20 1/2" X 5/8" T-BEAM BRIDGE PLATE (GALV) | 4.0 OZ | W4176 | W4176 | 45900.00 | 70500.00 | 37.00 | 24.00 | 015 | 063 | 0.01 | 0.024 | 0 |
| 29 | | 8" X 12" X 1 1/4" T-BEAM FILLER PLATE - FOR 5 HOLE | | 314-3815 | 314-3815 | 39600.00 | 59900.00 | 000 | 39.00 | 015 | 0 | 0.03 | 0 | 0 |
| 8 | | 18" X 24" SOIL PLATE - 3 HOLE (GALV) | 4.0 02 | J11833 | J11833 | 50100.00 | 72600.00 | 0.00 | 33.00 | 017 | 0 | 0.03 | 0 | 0 |
| 11 | | GROUND LINE STRUT | 400Z | 357203 | 357203 | 58860.00 | 68228.00 | 27.00 | 0.00 | 0.19 | 0 | 0.01 | 0 | 10 |
| 11 | SKFI,1 | 12'5' W-BEAM - FLEAT/SKT ANCHOR(GALV) | 4002 | 631121 | 03 | 61936.00 | 78024.00 | 22.60 | 0.00 | 0 19 | 0 | 0.01 | 0 | 0 |
| 22 | | 6'0' STEEL TUBE (GALV) | 4.0 OZ | 9000228 | 9000228 | 46700.00 | 69100.00 | 31.20 | 0.00 | 0 19 | 0 | 0.02 | 0 | 10 |
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Doc# 759049

| 7-00 | PRIDE Enterprises, Ur PO Box 30 Ralford, Florida ph 386-431-1912 sc 831-241 | nion Forestry | CEIVED UN 1 5 2003 CH CONSULTING, INC | RIDE |
|--|--|-------------------------------------|---|------------------|
| Customer: Hui | 1 Safety Device | _ | ENT | ERPRISES |
| Address: 530 | to us. Huy 92 | W | District: | |
| city/st/zip: Pla | nt City, Fi 33 | 566 | Date: 6/12/ | 03 |
| To whom it may cond This nota The treatment charge | cern, rization is to accompany your order e numbers and accompanying assa | US 9358 by retentions for your o | _for D.O.T. project # | |
| Charge # | Assay Retention | Qty | Description of Order | Wooden Spacer |
| 838-J | . 40 | 2268 ea | 6"x8x14" FDOT | Block |
| | | ea | | |

This letter certifies that these materials were produced according to all D.O.T. specifications. For any inquiries please retain this document for any future references to these materials. Thak you for your order.

Sincerely,

Al Shadd

Production Manager

| County ofUnion | |
|------------------------------|---|
| Signed before methis day of | |
| Notary Jama candre | |
| My Commission expires 206/06 | LAURA L CRAWFORD MY COMMISSION # DD 095589 EXPIRES: February 26, 2006 |
| Personally known | Bondad Thru Notary Public Undarwriters |

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CENTRAL FABRICATORS, INC. P.O. BOX 849 - KOSCIUSKO, MS 39090 (662) 289-1980 ANAL YSIS REPORT

| | | | A | NALYSIS REPO | DRT | | | | | | | | _ | |
|-------|--|---|---------|--|-----------------------|----------|----------|-------|-------|------|----|------|---|------|
| QTY | PART NUMBER | DESCRIPTION | GALV | HEAT NO | CTRL NO | YIELD | TENSILE | 2%ENL | 8%ENL | С | MN | P | S | SI |
| 675 | RR210 | 12' 6" X 6' 3" RUBRAIL - 10 GA (GALV) | 4.0 OZ. | 20568 | 20568 | 50000.00 | 70000.00 | 23.00 | 0.00 | 0.20 | 0 | 0.01 | 0 | 0.02 |
| | | • | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| 100 | | • | 0.00 | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | - | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| month | | | 0.00 | | and the second second | 0,00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | in the second | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | 10 00 00 00 00 00 00 00 00 00 00 00 00 0 | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | and the second sec | | 0.00 | 4 | 14 A. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | - | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | - | 0.00 | 4 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| 1 | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | A CONTRACTOR OF STATES | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | - | 0.00 | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0,00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | • | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | · | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| 1 | | | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | · | 0,00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | - | 0.00 | 0.00 | 0.00 | 0,00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | · · · · · · · · · · · · · · · · · · · | 14 C | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | · · · | 0.00 | - | | 0,00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |

We hereby certify that the installed guardrail system, materials, and construction practices meet the requirements of Section 536 of the Contract Specifications and Index Number 400 of the Roadway and Traffic Design Standards. Guardrail meets requirements of ASHTO M-180; Galv.: ASTM A-123, ASTM A-36; Post: AASHTO M-183, ASTM A-36 domestic steel, galv. ASTM A-123; Cable: AASHTO M-30; Botts comply with ASTM-372 and/or A-325 specifications and are galv. por ASTM-153. All other galv. materials conforms with ASTM-153 or ASTM-153. All material listed above was produced and fabricated in the United States of America.

CONTRACTOR HIGHWAY SAFETY DEVICES State of Mississippi, County of Attala: Swom and Subscribed before me this 9TH day of DOT CONTRACT #: 1.#7742-15

CENTRAL FABRICATORS, INC.

Mark I salues

COUNTY: T JOHNS

Brenda K. Water

NOTARY PUBLIC MY COMMISSION EXPIRES APRIL 13,2007

PAGE 1 OF 1

DOT PROJECT #: 13183-489G

JUNE ,2003

CENTRAL FABRICATORS, INC. P.O. BOX 849 - KOSCIUSKO, MS 39090 (662) 289-1980

| TY | PART NUMBER | DESCRIPTION | GALV | HEAT NO | CTRL NO | YIELD | TENSILE | 2%ENL | 8%ENL | C | MN | P | S | S |
|----|---------------------------------------|--|---------|---------|---------|----------|----------|-------|-------|------|----|------|---|-----|
| 00 | GP212R | X 8.5 X 6' 6" POST - DOUBLE FACED - RUB RAIL (GA | 4.0 OZ. | J26950 | J26950 | 47600.00 | 67500.00 | 0.00 | 26.00 | 0.11 | 0 | 0.01 | 0 | 0.1 |
| | | | 0.00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 11 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 |
| - | | | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 |
| | | | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 (|
| | | | 0.00 | • | 14/ | 0.00 | 0.00 | 0.00 | 0,00 | 0.00 | 0 | 0.00 | 0 | 1 |
| | | • | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | (|
| | Same and the second | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | (|
| | | • | 0.00 | • | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | • | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 0 |
| | · · · · · · · · · · · · · · · · · · · | • | 0.00 | • | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0,00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | • | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | • | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | · | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | • | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | • | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0,00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0,00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | • | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |

CONTRACTOR HIGHWAY SAFETY DEVICES

DOT PROJECT #: 13-505-1-52-01 13183-489G DOT CONTRACT #: 147742-14 COUNTY: T JOHNS State of Mississippi, County of Attala: Sworn and Subscribed before me this 9TH day of JUNE ,2003 CENTRAL FABRICATORS, INC. Mak 1 - Tomabelly Branda K. Wation NOTARY PUBLIC MY COMMISSION EXPIRES APRIL 13,2007

CENTRAL FABRICATORS, INC. P.O. BOX 849 - KOSCIUSKO, MS 39090 (662) 289-1980

| YTC | PART NUMBER | DESCRIPTION | GALV | HEAT NO | CTRL NO | YIELD | TENSILE | 2%ENL | 8%ENL | C | MN | P | S | I SI |
|------|-------------|--|---------|---------|---------|----------|----------|-------|-------|------|----|------|---|------|
| 800 | | X 8.5 X 6' 6" POST - DOUBLE FACED - RUB RAIL (GA | 4.0 OZ. | J26950 | J26950 | 47600.00 | 67500.00 | 0.00 | 26.00 | 0.11 | 0 | 0.01 | 0 | 0,1 |
| | | | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| - | | • | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | • | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0,00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| - | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
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| | | | 0.00 | | | 0.00 | 0,00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| -114 | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | • | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| - | | • | 0.00 | • | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | - | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| - | | • | 0,00 | - | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | e installed guardrail system, materials, and construct | 0.00 | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |

of the hoadway and frame besign standards. Guardrali meats requirements of AASHTO M-180; Galv.: ASTM A-123, ASTM A-36; Post: AASHTO M-183,ASTM A-36 domestic steel, galv. ASTM A-123; Cable: AASHTO M-30; Bolts comply with ASTM-307 and/or A-325 specifications and are galv. per ASTM-153. All other galv. materials conforms with ASTM-123 or ASTM-153. All material listed above was produced and fabricated in the United States of America.

DOT PROJECT #: 13-505-1-52-01 13183-489G DOT CONTRACT #: 147742-13 COUNTY: T JOHNS CONTRACTOR HIGHWAY SAFETY DEVICES State of Misslssippi, County of Attala: Sworn and Subscribed before me this 9TH day of JUNE ,2003 CENTRAL FABRICATORS, INC. Mak) . Timbelly Bronda K. Water BLIC MY COMMISSION EXPIRES APRIL 13,2007 NOTARY PUBLIC

CENTRAL FABRICATORS, INC. P.O. BOX 849 + KOSCIUSKO, MS 39090 (662) 289-1980

| TY | PART NUMBER | DESCRIPTION | GALV | HEAT NO | CTRL NO | YIELD | TENSILE | 2%ENL | 8%ENL | C | MN | P | S | S |
|-----|-------------|--|--------|----------|----------|----------|----------|-------|-------|------|----|------|---|-----|
| 1 | AP572A | X 1 1/4" T-BEAM FILLER PLATE - FOR 5 HOLE SHOP | 4.0 OZ | 323-0568 | 323-0568 | 45455.00 | 69274.00 | 27.00 | | 0.18 | | 0.02 | | 0.2 |
| | | | 0.00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 |
| - | | | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 |
| | | | 0.00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 |
| | | | 0.00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | - | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| - 1 | - | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | (|
| | | - | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 |
| | | • | 0.00 | | | 0.00 | 0.00 | 0.00 | 0,00 | 0.00 | 0 | 0.00 | 0 | 1 |
| | | | 0.00 | - | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 |
| | | | 0.00 | • | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 1 (|
| | | | 0.00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | - | 0.00 | 0,00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | • | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | • | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0,00 | • | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | · · | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | C |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |
| | | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0 | 0 |

We hereby cartify that the installed guardrail system, materials, and construction practices meet the requirements of Section 536 of the Contract Specifi of the Roadway and Traffic Design Standards. Guardrail meets requirements of AASHTO M-180; Galv.: ASTM A-123, ASTM A-36; Post: AASHTO M-183, ASTM A-36 domestic steel, galv. ASTM A-123; Cebis: AASHTO M-30; Boits comply with ASTM-307 and/or A-325 specifications and are galv. per ASTM-153. All other galv. materials conforms with ASTM-123 or ASTM-153. All material listed above was produced and fabricated in the United States of America.

CONTRACTOR HIGHWAY SAFETY DEVICES

DOT PROJECT #: 13-505-1-52-01 13183-489G DOT CONTRACT #: 1.#7742-11 1BO COUNTY: T JOHNS State of Mississippi, County of Attala: Swom and Subscribed before me this 9TH day of CENTRAL FABRICATORS, INC. JUNE ,2003 Mark Janky Brenda K. Water NOTARY PUBLIC MY COMMISSION EXPIRES APRIL 13,2007



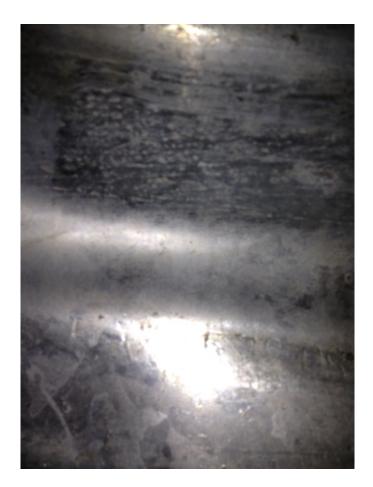






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page 2 2/14/12

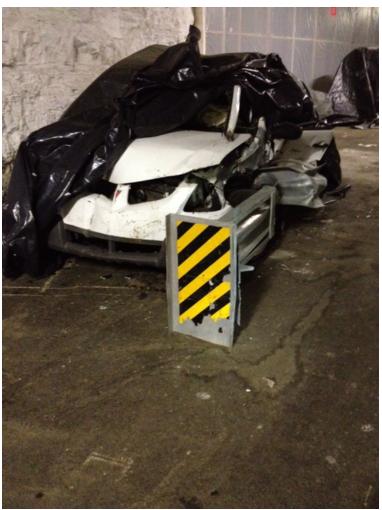


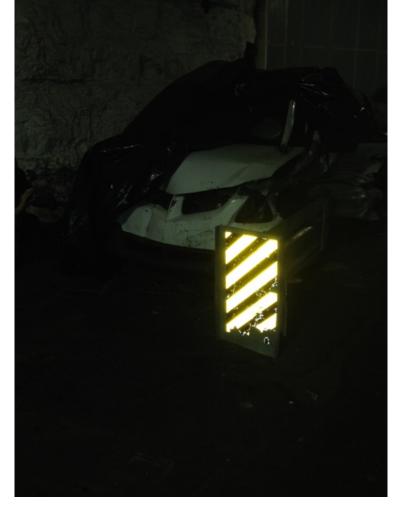


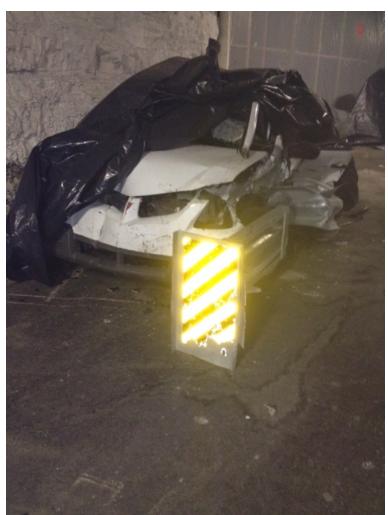


Page 4 2/14/12









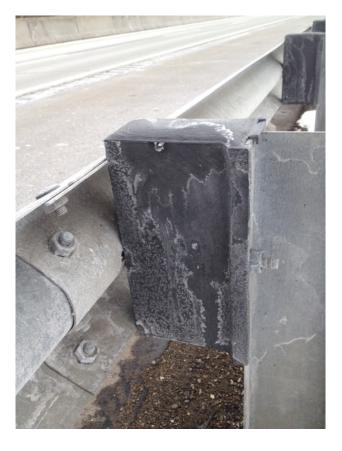
Page 1 2/14/12













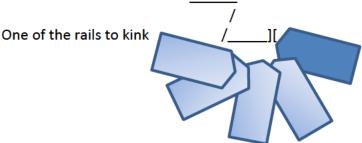






Significant photos— Holes in weak post bottoms No holes in strong post bottoms 4 slots in rail just after ET for cable ET+ =4 rails each 12' with 8 bolts overlap 1' 50 feet of rail + ET Posts are 4 feet apart-police report says "6 posts And 3 rails damaged". Doug, Green acres guy, said end cut off with blow torch. Thought it was 2nd or 3rd rail still in ET. ET Plus sticker on top of ET

2 rails still in car one going in and one going out— if ET did job on 2 rails, it could be good for us. Looks like the post bolt ripped the rail when the ET stopped feeding for some reason. The car still pushing forward caused



Both rails bear dates –same-but heat numbers-different. No sign of Bolts linking 2 pieces in either rail pieces you can see. Ingoing rail is torn shredded maybe from post bolt in center

Piece inside car is not connected to ingoing rail—ripped? End folded over on seat. I will bet the bolted overlap is outside the car and the rail broke at the fold point.





















































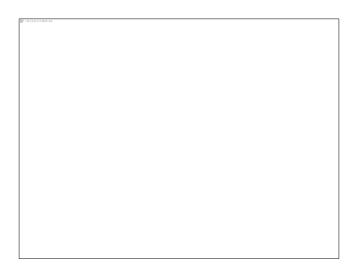




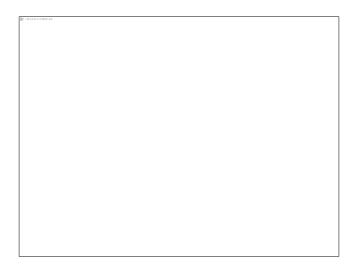








































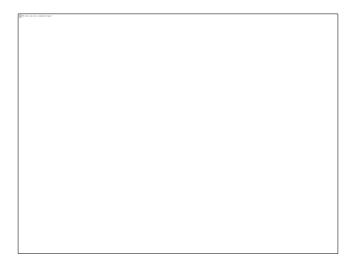


























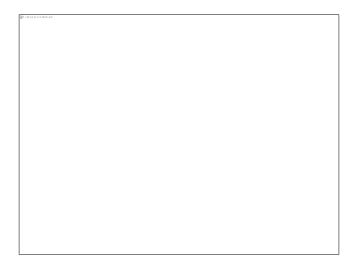






































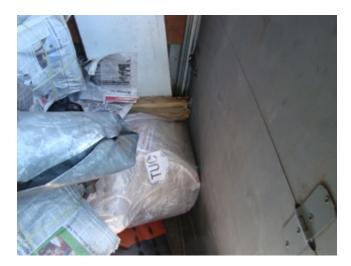




























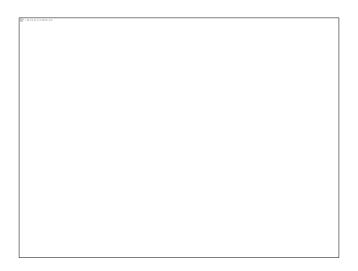
























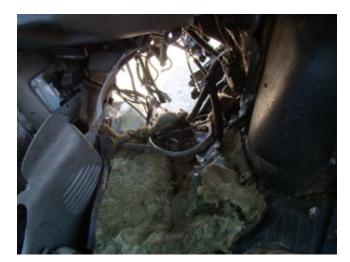












Below are three state police photos taken at the scene. It appears that the guardrail was torched both at the extruded tail that had been flattened by the ET and also at the point of its insertion into the vehicle and its continuation at the post. Pics #2 and #3 show the extruded rail lying on the ground in the weeds shortly after the wreck.







Ron Eck, (roadway defect expert) and Bob Nocivelli (expert mechanic) and I went to the scene on June 12, 2009 but the guiderail repairs had already been made by Penn Line.

Cynthia M Danel, Esquire Edgar Snyder & Associates, LLC 10th Floor US Steel Tower 600 Grant Street Pittsburgh, PA 15219 <u>cdanel@edgarsnyder com</u> 412-394-4454 412-391-7017 fax

CERTIFIED AS A CIVIL TRIAL ADVOCATE BY THE NATIONAL BOARD OF TRIAL ADVOCACY

From: Kwass, David [mailto:dkwass@smbb.com] Sent: Thursday, March 13, 2014 9:46 AM

To: Cc: Johnson, Annmarie; Baer, Benjamin; Cynthia M. Danel; Powell, Nancy Subject: RE: As per our phone conversation..... [Dryer v. Trinity Industries]

Mr. Dryer: I am Dave Kwass, the partner in charge of your daughter's case. We know for certain that the end terminal did ride down the guardrail for some distance, and that some guardrail was extruded through the end terminal. Look at this photograph:



It shows beyond question that there was some guardrail that extruded in a ribboned, pigtail fashion, and that somebody at the scene used a blowtorch to cut it off. That extruded section is now missing, and we need to find it. It is completely understandable that you believed it didn't exist because you didn't see it. In fact, you didn't see it because someone cut it off and removed it from the scene before you arrived. We need any assistance you can give us with this issue. It is absolutely critical to the case, because Trinity is saying that the end terminal worked as it was intended. We need to prove that is a lie.

Best, **David L. Kwass** Saltz, Mongeluzzi, Barrett & Bendesky, PC 1650 Market Street, 52nd Floor Philadelphia, PA 19103 (215) 575-2078

From: Z71dryer Sent: Wednesday, March 12, 2014 10:08 PM To: Johnson, Annmarie Subject: Re: As per our phone conversation.....

Ann There was no spooling or pigtail section of guardrail. The section of the guardrail in the car did not spool it folded in half and formed a V the V or arrow head shape is what went through the car. A portion of both ends of the guardrail are still sticking out of the car. The end of V that was still attached was cut off so that the could haul the car away. Picture number 2 and 3 show the end that was cut off so that the car culd be loaded on a roll back. I did not spool. That is why the guardrail went into the car. If it had spooled it would not have penetrated the car. Hope this helps call me and we can talk more about it. There was no spool because it didn't I said that from the beginning. Bob ----Original Message----

From: Johnson, Annmarie <<u>AJohnson@smbb.com</u>> To: 'z71dryer@aol.com' Sent: Wed, Mar 12, 2014 3 35 pm Subject: As per our phone conversation.....

Robert,

Attached are the photos that you provided of the accident scene, as well as a slide depicting how the guardrail is supposed to work. We are trying to calculate the length of W-Beam that was pushed through the extruder. If you look at Picture #3 of the Extruding Guardrail End Treatment slide, the spooling or "pigtail" appearance is what the W-Beam should look like when the guardrail works properly. In your scene photos there does not appear to be a piece of W-Beam that is "pigtailed"; we strongly believe that that piece was cut off by someone at the scene. Do you remember seeing a piece of metal that looked like the "pigtailed" piece of W-Beam in that photo?

Thanks, Ann

Annmarie Johnson, RN, BSN, CLNC Legal Nurse to DAVID L. KWASS & EUNICE TREVOR Saltz Mongeluzzi Barrett & Bendesky, P.C. One Liberty Place 1650 Market Street | 52nd Floor Philade || hai, PA 19103 v.215 575.3869 f 215.496.0999 AJohnson @smbb.com

This is a privileged and confidential communication. If you are not the intended recipient, you must (1) notify the sender of the error, (2)

Y this is an accident that occurred in Birmingham I don't know if anyone get hurt. If you shoot and part of the squeezer section came apart part. Local deformation of the top and bottom of the WB show that there was a high force on the inside of the feeder shoot which probably led to the failure