



Pipeline Safety Division Investigation Report

Investigation regarding: Vectren

UPPAC Database Record ID: 4025

Report Date: 5/24/2013

Investigator: Mike Orr

Damage Date: 10/12/2012 12:37:33 PM

Damage Address: 2906 Buick Cadillac Blvd, Bloomington, Monroe

The Parties

Excavator: **Fields Environmental Incorporated**

Address: 1309 West Vernal Pike, Bloomington, In 47404

Facility Owner: **Vectren**

Pipeline Facility

Facility Type: Natural Gas

Facility Function: Distribution

Type of Equipment: Drilling

Type of Work Performed: Engineering

Damage Impact

Product Release: Yes

Ignition: No

Service Interruption: False

Number of Customers Affected: 0

Injuries: 0

Fatalities: 0

Repair Cost (if known): \$5744

Excavator Activities/Cause of Damage Information:

Excavator Request Locates: Yes

Indiana 811 Ticket Number: 1210040415

Original Start Date:

Locate Instructions: LOCATE 100 FEET IN ALL DIRECTIONS OF THE MAIN AUTO DEALERSHIP BUILDING-IT IS THE BIGGEST BUILDING ON THE PROPERTY

Follow-Up Locate Instructions (if applicable):

Synopsis: A two (2) inch steel natural gas main was damaged during soil boring to install test wells.

Findings: Reported by Indiana 811; excavator's response to initial notice was received on 12/28/2012. The excavator had a valid locate request however, the operator failed to provide accurate locate markings.

Conclusion: There was a failure to provide accurate locate markings.

Violation: IC 8-1-26-18(f) Operator failed to locate or provided incorrect locate markings.



DAMAGE INFORMATION REPORT – PIPELINE SAFETY DIVISION

State Form 54122 (R2 / 7-11)
INDIANA UTILITY REGULATORY COMMISSION

INITIAL DOCUMENTS -
OPERATOR

CASE 4025

Submitted to IURC-Pipeline Safety on: 12-14-2012

Who is submitting this information?

Name of person providing this information: Darlene Kulhanek

Business address (number and street): 1 Main Street

City, State, and ZIP code: Evansville, IN 47711

Telephone number (area code): 812-491-4227

Fax number (area code): 812-491-4504

E-mail address: dkulhanek@vectren.com

Excavator Information, if known

Full name: Fields Environmental INC. (Major Drilling Environmental)

Business address (number and street): 1309 W Vernal Pike

City, State, and ZIP code: Bloomington, IN 47404

Telephone number (area code): 812-333-5333

Fax number (area code): 812-333-5334

E-mail address: Unknown

Excavation or Demolition Information

Excavator type: Contractor

Excavation or demolition equipment: Drilling

Type of work performed: Data Not Collected

Date and Location of DamageDate of damage (*month, day, year*): 10-12-2012

County: Monroe

City: Bloomington

Street address (*number and street, city, state, and ZIP code*):
2905 Buick Cadillac blvd, Bloomington

Nearest intersection: Unknown

Right of way where damage occurred: Private - Business

Was there a release of product? Yes

If yes, was there an ignition of product? No

Were evacuations necessary as a result of release? No

If yes, how many evacuated? 0

Was there a customer service interruption? No

If yes, how many affected? 0

Time to restore service (*in hours*): 0

Enter number of injuries, if applicable and known: 0

Enter number of fatalities, if applicable and known: 0

Property damage, Estimate \$^{5,743.51}

Affected Facility Information

What type of pipeline was damaged? Natural Gas

What was the affected facility? Distribution

What was the depth of the facility, in inches? 36

Notification, Locating, Marking

Did excavator request locates prior to commencing work? Yes

Enter Indiana 811 ticket number, if known: 1210040415

Was the locate request completed within two working days? Yes

If locates were performed, were they done so by a contractor or pipeline employee? Contract Locator

If a contractor locator, enter the company name, if known: USIC

Were facility marks visible in the area of excavation? No

Were facilities marked correctly? No

Type of markings used: Other

If other, please specify: Incomplete

Was site marked by "White Lining"? No

Were special instructions part of the locate request? Unknown/Other

Were maps used to complete the locate request? Unknown/Other

Were pipeline company representatives on site during excavation? No

Did the excavator notify the operator in the event of this damage? Yes

Did the excavator notify Indiana 811 in the event of this damage? Yes

Did the excavator notify 911 in the event of a release of product? Unknown/Other

Description of Cause

Select from the list the most accurate cause for the damage: --Facility marking or location not sufficient

Additional Comments

2" steel main damaged by drilling. Incomplete Locate.



2 VECTREN ENERGY DELIVERY OF INDIANA - NORTH

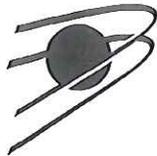
NOW DUE

\$5,743.51

USIC INC
9045 N RIVER ROAD, SUITE 300
INDIANAPOLIS, IN 46240

Type: GAS
Invoice: FDS0017101
BillToID: 32665
Billing Date: 11/30/2012
Date of Loss: 10/12/2012
5924 103.0509

Please return this portion with your remittance.



Mail Payment To:
Vectren Utilities Holding Company
1239 Reliable Parkway
Chicago, IL 60686-0012
Inquiries: 1-877-902-2934, Mon.-Fri., 8-5
Risk Management/Claims Department

USIC INC
9045 N RIVER ROAD, SUITE 300
INDIANAPOLIS, IN 46240

Type: GAS
Invoice: FDS0017101
BillToID: 32665
Billing Date: 11/30/2012
Date of Loss: 10/12/2012

NOW DUE
\$5,743.51

Invoice For Costs to Repair and Reconstruct Damaged Property

Address: 2905 BUICK CADILLAC BLVD, BLOOMINGTON
2" STEEL MAIN DAMAGED BY DRILLING. INCOMPLETE.

Material:	\$642.44
Company Labor:	\$535.55
Contract Labor:	\$3,800.11
Transportation/Equipment:	\$96.25
Misc:	\$0.00
Gas Loss:	\$669.16
Adjustments:	\$0.00
Payments:	\$0.00
Total:	\$5,743.51

5924 103.0509

Remember, call two (2) working days before digging. Contact I.U.P.S. at 1-800-382-5544.

Vectren Claim Number: _____

FDS 0017101

Task No: _____ Capital / O & M (circle one)

Police Report / MO #: _____

Date of Damage 10 / 12 / 2012

Vectren Claims Camera:

Cost Center # 5929

FACILITIES DAMAGE REPORT

GAS

VE02209
4

Time Occurred 12:32 am/pm

Time Found 12:48 am/pm

Latitude 39.15806 Longitude: -86.496105

DAMAGE SITE: Address 2905 Buick Cadillac Blvd Lot # _____

FACILITY TYPE:
 Distribution Propane
 Service Storage
 Transmission: (include supplemental report)

County Monroe City Bloomington State In Township _____

FACILITIES DAMAGED:	ORIFICE SIZE(S):	(1)	(2)	(3)
<input type="checkbox"/> Farm Tap	0.50 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Heater	5/8 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Main	0.75 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Meter (Residential)	1.00 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Meter (Industrial / Commercial)	1.25 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Odorizer	2.00 inch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Regulator Station	3.00 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Relief Valve	4.00 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Riser	5.00 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Service Line	6.00 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Valve	10.00 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	12.00 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	16.00 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	20.00 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other _____	Other			

4.514

VISUAL OBSERVATION AT DAMAGE SITE: 10/16

Visual Observation: Above Ground
 Below Ground
 Locate Applicable Yes No N/S
 Facilities Properly Marked Yes No N/S
 Marking Methods: Conventional Flags None Whiskers
 Offset Paint Stakes
 Locate Marking Faded: Yes No N/S
 Wrong Address Requested Yes No N/S

Facilities Improperly Located:

Qualified Locator Could Not Have Accurately Located
 Inaccurate Maps / Cards
 Broken or No Tracer Wire (Plastic)
 Insulation Preventing Accurate Locate

Locator Error:

Failure to Follow Policy
 Inappropriate Site Markings
 Incomplete Locate
 No Locates Performed
 Qualified Locator Could Have Accurately Located
 Wrong Address Located
 Marking Off By: _____ (Feet / Inches)

Were Facility Marks Visible Yes No
 Was Area White Lined Yes No Destroyed
 Positive Response Yes No Destroyed
 Tolerance Zone Violated Yes No
 Part of Project Yes No
 Company Representative On-Site: Yes No

TYPE OF MATERIAL: DAMAGE TYPE: PRESSURE:

Cast Iron Severed
 Plastic (HDPE) Not Cut
 Plastic (MDPE) Severed
 Steel Size 4 x 4
 Other _____

25 PSIG
 40 PSIG
 50 PSIG
 55 PSIG
 60 PSIG
 6 WC (.2163)
 7 WC (252)
 Other _____

34.177

PROTECTION IN PLACE:
 Building Fence None
 Post Rail Vault N/A
 Other _____

DURATION OF ESCAPING GAS:

Minutes: 210

LEAK REPORT NUMBER: 20754

EFV Activated Yes No N/S

FEED TYPE:
 One-Way Feed
 Two-Way Feed

Number of Customers Affected: 0
 Total Hours Service: 0
 Was Off: _____

SERVICE ORDER NUMBER: _____

DAMAGED BY:
 Company Crew
 Contractor
 County
 Developer
 Farmer
 Municipality
 Property Owner/ Tenant
 Railroad
 State
 Unknown
 Utility
 Vehicle Accident
 Other _____

TYPE OF CONSTRUCTION:

Agriculture
 Building Construction
 Building Demolition
 Cable TV
 Curbs / Sidewalk
 Drainage
 Driveway
 Electric
 Engineering / Surveying
 Fencing
 Grading
 Irrigation
 Landscaping
 Liquid Pipeline
 Milling
 Pole
 Natural Gas
 Public Transit Authority
 Railroad Maintenance
 Other _____

NOTIFICATIONS AND OTHER DETAILS OF LOCATE:

Locate Ticket: 1210040415
 Date: Oct 4, 2012 Time: 8:59 (am) pm

TYPE OF REQUEST:

Regular Request Emergency Request
 Locate Company Notified
 Contact Name: _____
 Time Called: _____ am / pm
 Time Locator Arrived at the Site: _____ am / pm

Company Notified of Locate Near Critical Facilities
 Yes No N/S

Copy of Mark Out Request Provided Within 2 Working Days
 Yes No N/S

ONE-CALL CENTER:

IUPPS
 OUPS
 Unknown

NOV 1 2012

Vectren Claim Number: _____

TYPE OF EQUIPMENT:

- Auger
- Backhoe / Track hoe
- Boring
- Drilling
- Explosives
- Farm Equipment
- Grader / Scraper
- Hand Tools
- Milling Equipment
- Plow
- Probing Device
- Trencher
- Vacuum Equipment
- Vehicle
- Other _____

ROOT DAMAGING CAUSE:

- Abandoned Facility
- Deteriorated Facility
- Facility Could Not be Found/ Located
- Facility Was Not Located / Marked
- Failure to Maintain Clearance
- Failure to Maintain Marks
- Failure to Support Exposed Facility
- Failure to Use Hand Tools Where Required
- Improper Backfilling
- Incorrect Records / Maps
- Marking or Location Not Sufficient
- No Notification Made to One-Call
- One-Call Notification Error
- Previous Damage
- Wrong Information Provided
- Other _____

CONTRACTOR REPAIRS:

- Contractor Working for Vectren Made Repairs at Own Expense
 - Yes No N/S
- Contractor Repaired Damage
 - Yes No N/S

Name of Contractor: Miller Pipeline
 # of Regular Hours: 3
 # of Overtime Hours: 5
 # of Regular Hours: _____
 Crew Type: 4 man crew plus welder

MATERIALS OR ROAD WORK:

- Meter was replaced _____ (Stores Code)
- Regulator Was Replaced _____ (Stores Code)
- Temporary Asphalt Repair: 5K7 (sq. ft.)
- Permanent Asphalt Repair: 5K7 (sq. ft.)

RIGHT OF WAY:

- Dedicated Utility Easement
- Federal Utility Easement
- Pipeline
- Power / Transmission Line
- Private - Business
- Private - Easement
- Private - Land Owner
- Public - County Road
- Public - Interstate Highway
- Public - Other
- Public - State Highway
- Public - City Street
- Unknown

to be comp by case.

- Did Excavator Notify You Yes No
- Excavation Required Yes No
- Media at Site Yes No
- Was There Ignition of Gas? Yes No

INVOICE: Yes No N/S

DAMAGING PARTY:
 Name: Major Drilling Environmental
 Address: 156 B Impact Circle
 City/ State/ Zip: Huntsville, AL 35806
 Phone: (256) 852-7000
 Prepared / Investigated By: M. Dufford Date: 10-12-2012

PARTY TO INVOICE:
 Name: _____
 Address: _____
 City/ State/ Zip: _____
 Phone: (____) _____
 Reviewed by Field Supervisor: Banda Ponus Date: 10/24/12

NORMAL NOTICE

Ticket : 1210040415 Date: 10/04/2012 Time: 08:53 Oper: CALEVI Chan:031

State: IN Cnty: MONROE Twp: PERRY
 Cityname: BLOOMINGTON Inside: Y Near: N
 Subdivision:

Address : 2906
 Street : BUICK CADILLAC BLVD
 Cross 1 : S AUTO MALL RD Within 1/4 mile: Y
 Location: LOCATE 100 FEET IN ALL DIRECTIONS OF THE MAIN AUTO DEALERSHIP
 BUILDING-IT IS THE BIGGEST BUILDING ON THE PROPERTY
 ***Boring Where = SOIL BORINGS

:
 Grids : 3909C8629B 3909B8629B 3909C8629A 3909B8629A

Work type : SOIL BORING INSTALL MONITORING WELLS
 Done for : CURRY AUTO AND COLLISION CENTER
 Start date: 10/09/2012 Time: 09:15 Hours notice: 120/048 Priority: NORM
 Ug/Oh/Both: U Blasting: N Boring: Y Railroad: N Emergency: N
 Duration : 3 DAYS Depth: 30 FEET

Company : FIELDS ENVIRONMENTAL INCORPORATED Type: CONT
 Co addr : 1309 WEST VERNAL PIKE
 City : BLOOMINGTON State: IN Zip: 47404
 Caller : AARON NORTON Phone: (812)333-5333
 Contact : RUDY FIELDS - CELL Phone:
 BestTime:
 Mobile : (812)327-7881
 Fax : (812)333-5334
 Email : AARON@FIELDSENVIRONMENTALINC.COM

Remarks : All tickets are taken and processed on Eastern Daylight Time
 Will you be white-lining the dig site area? NO
 :

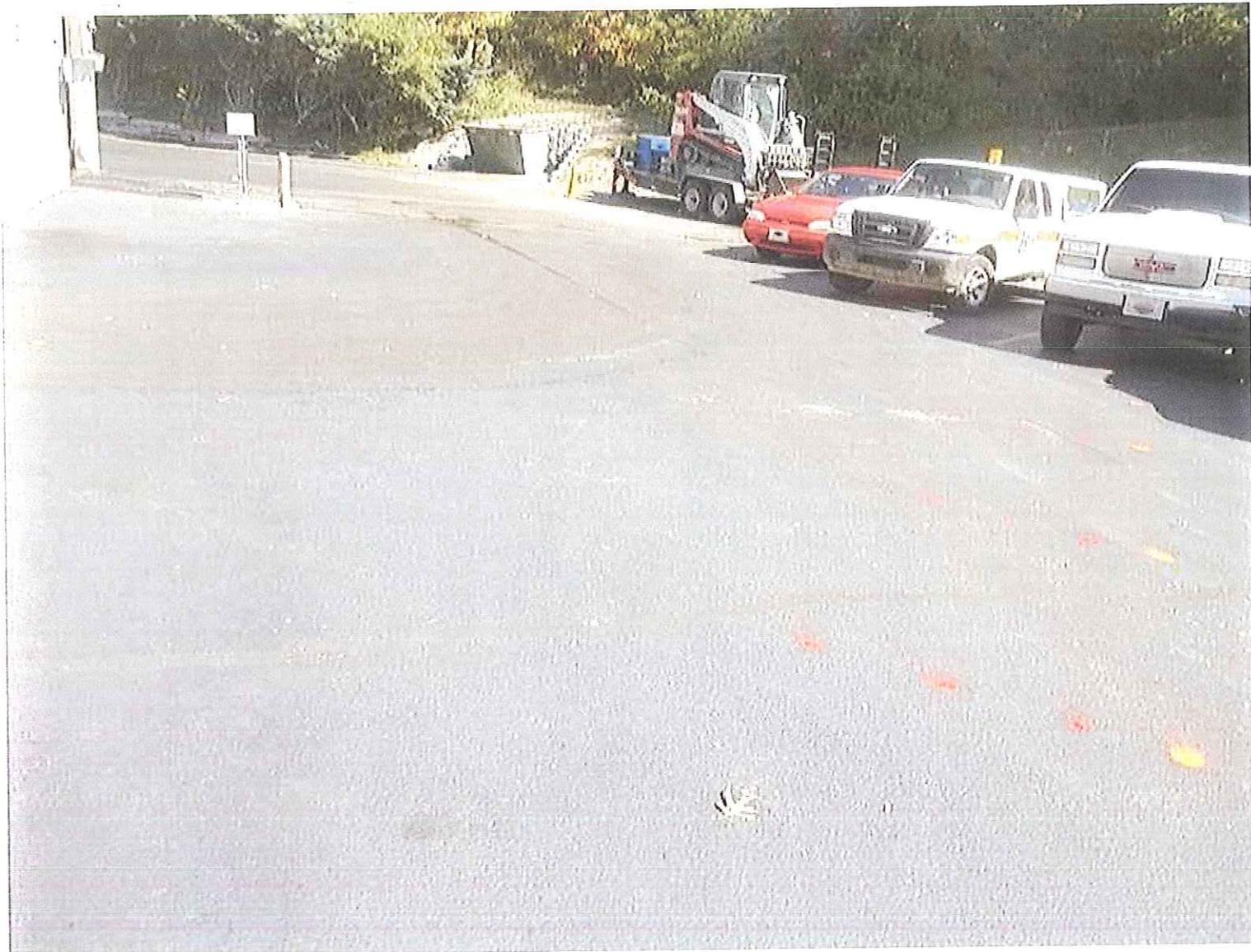
Submitted date: 10/04/2012 Time: 08:53
 Members: ID0002 ID1443 ID3147 ID3452 ID5960 ID8060 SBCIN SM

Member Name	Facility Types
AT&T - DISTRIBUTION	COMMUNICATIONS
BLOOMINGTON TRAFFIC DIVISION, CITY OF	TRAFFIC
BLOOMINGTON UTILITIES, CITY OF	SEWER & WATER
COMCAST CENTRAL (BLOOMINGTON)	CABLE TV
DUKE ENERGY / FORMERLY CINERGY	ELECTRIC
SMITHVILLE TELEPHONE COMPANY, INC	TELEPHONE
VECTREN - BLOOMINGTON	GAS

[View Map](#) | [Close Map](#)



Property of United States Infrastructure Corporation
Photo taken on 10/9/2012 1:23:04 PM



Property of United States Infrastructure Corporation
Photo taken on 10/9/2012 1:23:04 PM



Property of United States Infrastructure Corporation
Photo taken on 10/9/2012 1:23:12 PM



Property of United States Infrastructure Corporation
Photo taken on 10/9/2012 1:23:48 PM



Property of United States Infrastructure Corporation
Photo taken on 10/9/2012 1:31:38 PM



Property of United States Infrastructure Corporation
Photo taken on 10/9/2012 1:31:40 PM



Property of United States Infrastructure Corporation
Photo taken on 10/9/2012 1:32:14 PM



Property of United States Infrastructure Corporation
Photo taken on 10/9/2012 1:32:18 PM



Property of United States Infrastructure Corporation
Photo taken on 10/9/2012 1:32:22 PM

DAMAGE DAMAGE

Ticket : 1210121609 Date: 10/12/2012 Time: 12:34 Oper: SPEOPLES Chan:036

State: IN Cnty: MONROE Twp: PERRY
 Cityname: BLOOMINGTON Inside: Y Near: N
 Subdivision:

Address : 2906
 Street : BUICK CADILLAC BLVD
 Cross 1 : S AUTO MALL RD Within 1/4 mile: Y
 Location: LOCATE 100 FEET IN ALL DIRECTIONS OF THE MAIN AUTO DEALERSHIP
 BUILDING-IT IS THE BIGGEST BUILDING ON THE PROPERTY
 ***Boring Where = SOIL BORINGS

Grids : 3909C8629B 3909B8629B 3909C8629A 3909B8629A

Work type : SOIL BORING INSTALL MONITORING WELLS
 Done for : CURRY AUTO AND COLLISION CENTER
 Start date: 10/12/2012 Time: 12:34 Hours notice: 0/000 Priority: EMER
 Ug/Oh/Both: U Blasting: N Boring: Y Railroad: N Emergency: Y
 Duration : 3 DAYS Depth: 30 FEET

Company : FIELDS ENVIRONMENTAL INCORPORATED Type: CONT
 Co addr : 1309 WEST VERNAL PIKE
 City : BLOOMINGTON State: IN Zip: 47404
 Caller : AARON NORTON Phone: (812)333-5333
 Contact : RUDY FIELDS - CELL Phone:
 BestTime:
 Mobile : (812)327-7881
 Fax : (812)333-5334
 Email : AARON@FIELDSENVIRONMENTALINC.COM

Remarks : All tickets are taken and processed on Eastern Daylight Time
 PER AARON - GAS LINE IS DAMAGED - VECTREN IS THE UTILITY - GAS CAN BE SMELT AND
 IT IS BLOWING - LINE WAS DAMAGED ON THE EAST SIDE OF S AUTO MALL ROAD JUST OFF
 THE EDGE OF ROAD - DESCRIPTION OF LINE IS UNKNOWN - 911 HAS BEEN CALLED - CREW
 IS ON SITE - VECTREN HAS BEEN CALLED - PREVIOUS TICKET NUMBER 1210040415
 Will you be white-lining the dig site area? NO

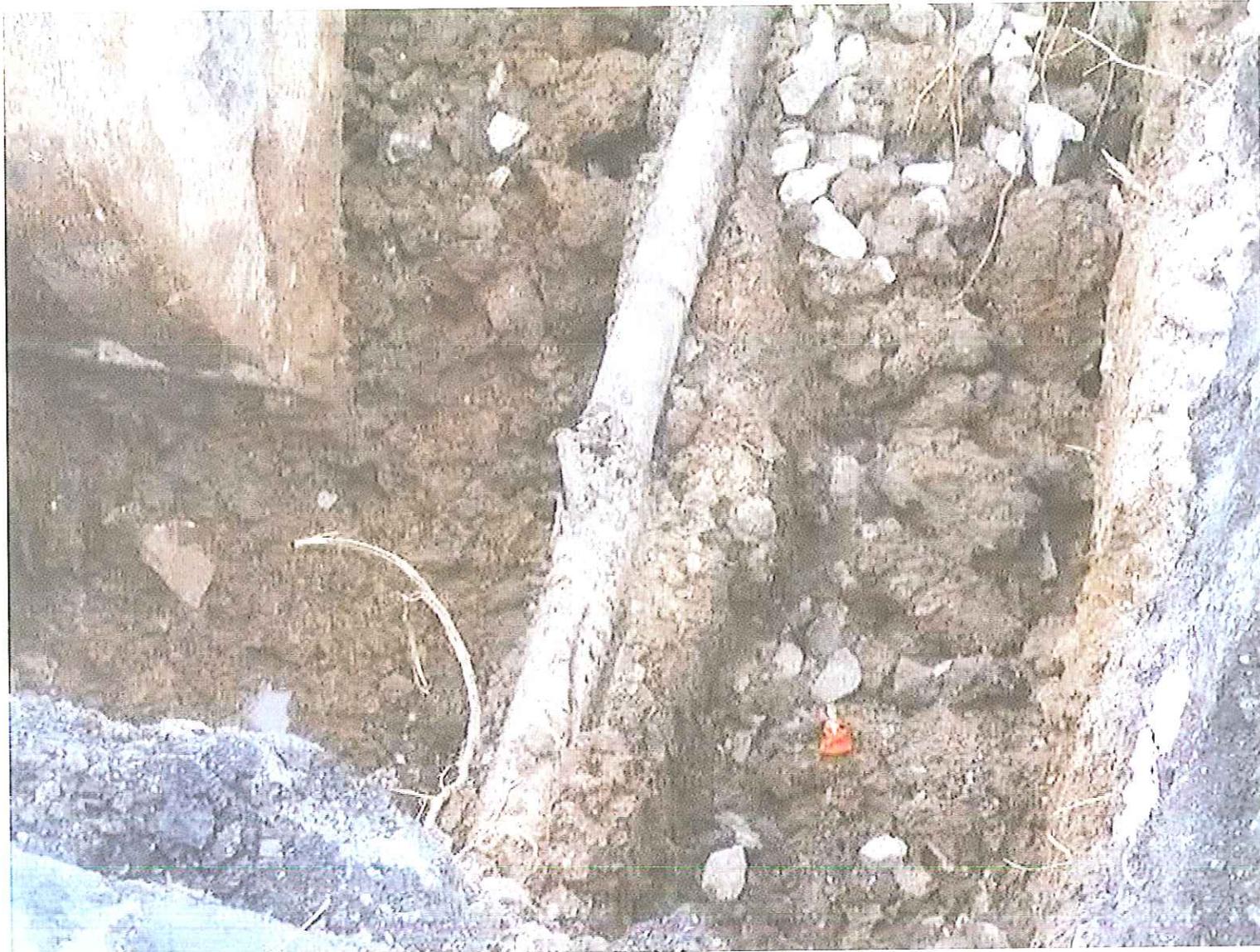
Submitted date: 10/12/2012 Time: 12:34
 Members: ID0002 ID1443 ID3147 ID3452 ID5960 ID8060 SBCIN SM

Member Name	Facility Types
AT&T - DISTRIBUTION	COMMUNICATIONS
BLOOMINGTON TRAFFIC DIVISION, CITY OF	TRAFFIC
BLOOMINGTON UTILITIES, CITY OF	SEWER & WATER
COMCAST CENTRAL (BLOOMINGTON)	CABLE TV
DUKE ENERGY / FORMERLY CINERGY	ELECTRIC
SMITHVILLE TELEPHONE COMPANY, INC	TELEPHONE
VECTREN - BLOOMINGTON	GAS

[View Map](#) | [Close Map](#)



Property of United States Infrastructure Corporation
Photo taken on 10/12/2012 3:57:02 PM



Property of United States Infrastructure Corporation
Photo taken on 10/12/2012 4:56:44 PM



Property of United States Infrastructure Corporation
Photo taken on 10/12/2012 5:00:34 PM



Property of United States Infrastructure Corporation
Photo taken on 10/12/2012 5:00:44 PM

Service Order Status

Friday, November 2, 2012

Enter Service Order Number:

5396668



Clear Form

Refresh Data

Banner Instance: CS03PROD CS01PROD CS02PROD

Order Number: N5396668

Order Type: LEAK

Order Status: Completed

Customer: 600380404 - CURRY BUICK CADILLAC INC

Prem: 5131299 - 2905 BUICK CADILLAC BLVD

Technician: 2921 - Swafford, Mike

Order Dates and Times

Need Date: 10/12/2012 12:43:00 PM
Time Created: 10/12/2012 12:31:52 PM
Time Dispatched: 10/12/2012 12:31:52 PM
Time In Route: 10/12/2012 12:36:00 PM
Time On-Site: 10/12/2012 2:06:32 PM
Tech Complete: 10/12/2012 4:27:01 PM
Time Closed: 10/12/2012 4:27:01 PM

Events Performed/Completion Code

LKOT - CMP

Meter Information

Current ReadStatus

Old Meter: 91937 Active
New Meter:

Completion Notes

DRILLING MACHINE HIT 2" stl main...-LINE WAS BLOWING--MADE SAFE AT 3:55 PM...MI
 LLER PIPELINE IS REPAIRING -MAIN.....

Request Notes

10-12-12 HIT BLOWING GAS LINE, UNSURE WHAT SIZE-APX 35-40' AWAY FROM BLG-NOT ENTERING-XST AUTOMALL R
 D-POC SARA WITH FIELDS ENVIROMENTAL WAS DRILLING-HAD LOCATES, UNSURE OF #-SHE WILL BE ONSITE-PH# 812
 -327-2839

MDSI Event Dates and Times

Event	Date/Time	User
AsnAssignmentManualAck_evt	10/12/2012 12:34:18 PM	Swafford, Mike
AsnAssignmentEnRoute_evt	10/12/2012 12:36:00 PM	Swafford, Mike
AsnAssignmentOnSite_evt	10/12/2012 2:06:32 PM	Swafford, Mike
OrdOrderComplete_evt	10/12/2012 4:27:01 PM	Swafford, Miike

NOTE:The Reporting database replicates in near real-time; it has been approximately 0 minute(s) since the last transaction replicated.

From: [Aaron Norton](#)
To: [IURC PipelineDamageCase](#)
Cc: daniel.harrison@majordrilling.com; craigr@currybuick.com; "rudy"
Subject: Notice of Preliminary Determination of Violation Pipeline Safety Division Case No. 4025 / INITIAL DOCUMENTS - EXCAVATOR
Date: Friday, December 14, 2012 1:35:17 PM

Pipeline Safety Division
Indiana Utility Regulatory Commission
101 W. Washington Street, Suite 1500E
Indianapolis, IN 46204-3407

RE: Notice of Preliminary Determination of Violation Pipeline Safety Division Case No. 4025

To whom it may concern:

Fields Environmental, Inc. (Fields) received the above referenced notice that requested information on parties or witnesses with relevant information for the Pipeline Safety Division to consider in its investigation. The following parties or witnesses were on site at the time of the damage:

Major Drilling Environmental, LLC (Major) was subcontracted by Fields to provide drilling services at the time of the gas pipeline facility damage referenced in Case No. 4025. Major employee Mr. Wes Casteel operated the drill rig and was assisted by Major employees Mr. Mike Rodriguez and Mr. William A. Watkins.

Daniel Harrison
Midwest Operations Supervisor
Major Drilling Environmental, LLC
156-B Import Circle
Huntsville, AL 35806
Office 256.852.7000
Cell 317.964.3636
Fax 256.852.7070
daniel.harrison@majordrilling.com
www.majordrilling.com

The Curry Auto Center, a new and used car dealership, is located at the address of the damaged pipeline facility. Mr. Craig Richards, the general manager of the dealership, was on the site at the time of the damage.

Mr. Craig Richards
General Manager
Curry Auto Center
2906 East Buick Cadillac Blvd.
Bloomington, IN 47401
(812) 339-2227
craigr@currybuick.com

We will be submitting the Information Request Form along with a narrative statement,

photographs and a figure from Fields shortly.

Thank you,

Aaron Norton
Environmental Technician

Fields Environmental, Inc.
1309 West Vernal Pike
Bloomington, IN 47404
aaron@fieldsenvironmentalinc.com
Office: 812-333-5333
Mobile: 812-272-6991
Fax: 812-333-5334



Fields Environmental, Inc.

INITIAL DOCUMENTS - EXCAVATOR

Pipeline Safety Division Case No. 4025

Date of Event: 10/12/2012

Event Location: 2906 Buick Cadillac Blvd,
Bloomington, Monroe County

Excavator: Fields Environmental Incorporated

Facility Owner: Vectren

December 28, 2012



INFORMATION REQUEST

State Form 54909 (2-12)

INDIANA UTILITY REGULATORY COMMISSION – PIPELINE SAFETY DIVISION

Case Number: 4025

The Pipeline Safety Division of the Indiana Utility Regulatory Commission requests any and all information you can provide regarding the following criteria.

Upon completion of answers select email button for submission.

The Parties

Excavator Information:

Business Name: Fields Environmental, Inc.

Responsible Party Personal Name: Aaron Norton

Title (if any): Environmental Technician

Address (number and street): 1309 West Vernal Pike

City, State and ZIP Code: Bloomington, IN 47404

Preferred Telephone Number (area code): (812) 333-5333

Cellular Telephone Number (area code): (812) 272-6991

Email Address: aaron@fieldsenvironmentalinc.com

Facility Information:

Business Name: Vectren

Responsible Party Personal Name: Randa Powers

Title (if any): _____

Address (number and street): _____

City, State and ZIP Code: _____

Preferred Telephone Number (area code): _____

Cellular Telephone Number (area code): (317) 997-3939 _____

Email Address: _____

Locator Service Information:

Business Name: United States Infrastructure Corporation _____

Responsible Party Personal Name: _____

Title (if any): _____

Address (number and street): _____

City, State and ZIP Code: _____

Preferred Telephone Number (area code): _____

Cellular Telephone Number (area code): _____

Email Address: _____

Cause of Damage Information

Type of Equipment (select one): Boring/Drilling

Type of Work Performed (select one): Unknown/Other - Soil Boring / Monitoring Well Installations

Other Information (Witness, Police, Fire, Other):

Personal Contact: _____

Business/Organization Name: _____

Title (if any): _____

Address (number and street): _____

City, State and ZIP Code: _____

Preferred Telephone Number (area code): _____

Cellular Telephone Number (area code): _____

Email Address: _____

Utility Line Impact

Location of Damage:

Address (*number and street*): 2906 Buick Cadillac Blvd

City, State and ZIP Code: Bloomington, IN 47401

Nearest Intersection: East Buick Cadillac Blvd & South Auto Mall Road

Product Type (*select one*): Natural Gas

Facility Type (*select one*):

Size (Diameter/etc.): _____

Pressure (PSIG/Inches): _____

Interruption in Service: Yes No **Number of Customers Affected:** _____

Evacuation: Yes No **If yes, How Many Evacuated?** _____

Repair Cost (if known): \$ _____

Release of Product: Yes No

Ignition and/or Fire: Yes No

Excavator Notify 811: Yes No

Locate Information

Excavator Request Locate: Yes No

Indiana 811 Locate Ticket Number: 1210040415

Locate Marks Visible: Yes No

Locate Marks Correct: Yes No

Excavator "White Lined": Yes No

Maps Used to Mark Facilities: Yes No

Was Locate Provided within Two (2) Working Days: Yes No

Operator Employees On-site during Excavation: Yes No

Incident Impact Information

Number of Outpatient Treated: ⁰ _____

Number of Inpatient Treated: ⁰ _____

Number of Fatalities: ⁰ _____

Fire Department Response: Yes No

Police Department Response: Yes No

Ambulance Response: Yes No

Additional Information / Comments

Locate marks were incomplete, see attached narrative statement.

NARRATIVE STATEMENT

Your Pipeline Safety Division Case Number: 4025

Your Full Name: Aaron Norton

Full Name of Business / Entity (if applicable): Fields Environmental, Inc.

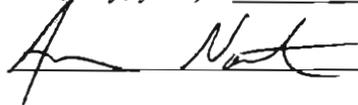
Your Business Title (if applicable): Environmental Technician

Address (number and street): 1309 West Vernal Pike

City: Bloomington State: IN ZIP Code: 47404

Your E-mail Address: aaron@fieldsenvironmentalinc.com

Today's Date (month, day, year): 12/28/2012

Your Signature:  Title (if any) Environmental Technician

Please return your Narrative Statement to:

Pipeline Safety Division – Case Number 4025
Indiana Utility Regulatory Commission
101 West Washington Street, 1500E
Indianapolis, IN 46204

Or scan the statement and Email to:

PipelineDamageCase@urc.in.gov



Fields Environmental, Inc.

1309 WEST VERNAL PIKE

BLOOMINGTON, IN 47404

RUDY D. FIELDS, LPG, CHMM
President

www.fieldsenvironmentalinc.com

Phone: 812-333-5333

Fax: 812-333-5334

December 28, 2012

Pipeline Safety Division
Indiana Utility Regulatory Commission
101 West Washington Street, 1500E
Indianapolis, IN 46204

Subject: **EXCAVATOR AUTHORIZATION FOR REPRESENTATION
PIPELINE SAFETY DIVISION CASE NUMBER 4025**

To whom it may concern:

This correspondence serves to provide authorization to Aaron Norton, an Environmental Technician employed by Fields Environmental, Inc. (Fields), to represent Fields concerning Pipeline Safety Division case number 4025.

Please contact Rudy Fields at 812-333-5333 if you have any questions.

Respectfully submitted,
Fields Environmental, Inc.

Rudy Fields, LPG, CHMM
President



Fields Environmental, Inc.

1309 WEST VERNAL PIKE
BLOOMINGTON, IN 47404

RUDY D. FIELDS, LPG, CHMM
President

www.fieldsenvironmentalinc.com

Phone: 812-333-5333
Fax: 812-333-5334

December 28, 2012

Pipeline Safety Division
Indiana Utility Regulatory Commission
101 West Washington Street, 1500E
Indianapolis, IN 46204

Subject: **EXCAVATOR NARRATIVE STATEMENT
PIPELINE SAFETY DIVISION CASE NUMBER 4025**

To whom it may concern:

This narrative statement summarizes the activities and findings of Fields Environmental, Inc. (Fields) concerning damage that occurred on October 12, 2012 to a Vectren gas pipeline facility located at 2906 Buick Cadillac Blvd, Bloomington, Monroe County, Indiana (Site). Fields representatives Mr. Rudy Fields LPG, CHMM, Ms. Sara Hamidovic PE, CHMM, and Mr. Aaron Norton all provided information for this narrative statement. Photographs taken at the Site before and after the damage occurred are included.

Fields was conducting environmental investigations at the Curry Auto Center located at the Site. The Curry Auto Center is managed by Mr. Craig Richards (812) 339-2227. This round of investigation included soil borings and monitoring well installations to conduct investigative sampling and analytical testing of soil and groundwater at the Site. Major Drilling Environmental, LLC (Major), with offices at 156-B Import Circle Huntsville, Alabama (256) 852-7000, was subcontracted by Fields to provide drilling services. Major employees Wes Casteel, Mike Rodriguez and William A. Watkins were on Site.

Mr. Aaron Norton, Environmental Technician for Fields, contacted Indiana 811 on October 4, 2012 at approximately 0842 hours to request that the underground utilities at the Site be marked in anticipation of environmental investigation to include vertical soil borings and monitoring well installations (**Site Plan**). Mr. Norton requested that all underground utilities within 100 feet in all directions of the Curry Auto Center building be marked. The locate ticket number provided by Indiana 811 was 1210040415.

Ms. Hamidovic and Mr. Norton arrived on Site at 0730 on October 12, 2012 to continue investigative work on the Site. Major was on Site upon Fields' arrival. Two borings were drilled and two monitoring wells were constructed. At approximately 1100 hours Fields began evaluating the location for the installation of MW-8 west of the Curry Auto Center building for underground utilities. There was a linear strip of newly planted grass, a storm sewer grate and an exposed 1/2" pipe on the perimeter of the landscaping in the area west of the building. Ms. Hamidovic suspected an unmarked private irrigation system, a storm sewer and some other utility infrastructure beneath the newly planted grass. Mr. Richards helped locate the irrigation system and Ms. Hamidovic decided to move the location of MW-8 to the edge of the asphalt parking lot farther to the north.

Prior to determining the new location Ms. Hamidovic reviewed site maps and figures, consulted with Mr. Casteel (the drilling rig operator), Mr. Richards, and Mr. Norton, and searched for any nearby marked utilities. The new location for MW-8 was on the southwestern corner of the northernmost asphalt parking lot where display vehicles are staged. There were no utility markings in the vicinity of the amended location nor were there any marking trending towards the area. There was one gas pipeline marked on the Site and it emerged from the south side of the building close to MW-6 (**Photo #2**). The line then turned to the west parallel to the Curry Auto Center building and extended toward Auto Mall Road (**Photo #1**).

Ms. Hamidovic consulted with Mr. Richards regarding the new location of MW-8 (**Photo #3**) and asked him to moved four display vehicles to make room for the drill rig. At this point Mr. Norton, and two of the Major representatives went to lunch. Ms. Hamidovic provided oversight while Mr. Casteel moved the rig to the amended location. Drilling commenced at the location of MW-8 at approximately 1200 hours. At approximately 3.5' below ground surface the drill contacted something solid. Mr. Casteel reported the contact to Ms. Hamidovic who instructed him to stop drilling and remove the core barrel from the ground. Ms. Hamidovic again reviewed site maps and figures, inspected the borehole for any signs of underground utilities, and performed an additional search for utility markings in the vicinity.

Ms. Hamidovic saw no indication of underground utilities at the location and she instructed Mr. Casteel to continue drilling. Shortly thereafter there was an intense rushing air sound and Mr. Casteel yelled "gas". Mr. Casteel activated the emergency kill switch on the drill rig and both he and Ms. Hamidovic evacuated to the Curry Auto Center building. Ms. Hamidovic immediately contacted Vectren, the operator of the gas pipeline facility to report the incident and request emergency assistance. She then contacted 911 to report the incident and request assistance from the fire and police departments for evacuation and a cordon of the immediately adjacent streets. Ms. Hamidovic and Mr. Norton (upon his return from lunch) then informed Mr. Richards and began to evacuate people from the area. Mr. Norton contacted Indiana 811 to report the incident. The local fire and police departments responded and secured the area around the damaged gas pipeline. Fields personnel proceeded to direct traffic away from the area and inform personnel in the area to avoid starting vehicles, utilizing cellular phones, etc. until approximately 1630 hours when Mr. Norton left the Site.

Ms. Randa Powers, a Vectren representative, arrived on the scene and met with Ms. Hamidovic. Ms. Hamidovic and Ms. Powers observed the utility markings on the Site and agreed that the locate was done improperly. United State Infrastructure Corporation (USIC), performed the utility locate on the Site prior to investigative activities. USIC arrived subsequent to the incident to remark utilities on and adjacent to the Site in preparation for the emergency response activities. Mr. Rudy Fields, the President of Fields, arrived on the Site at 1530 hours to assess the situation. Mr. Fields met with Ms. Hamidovic and Mr. Norton to discuss the situation and to receive an update on progress. Mr. Fields interfaced with Mr. Richards and with Ms. Powers.

Mr. Fields took straight line measurements from the Curry Auto Center building to the location where the pipeline was damaged. The building is situated on the lot diagonally and not parallel to the damaged pipeline that runs parallel to east side of Auto Mall Road. From the point of damage on the gas line to the Curry Auto Center building measured 97 feet. This location falls within the parameters of Fields' requested utility locate ticket #1210040415. The damaged pipeline runs along Auto Mall Road and at least 160 lineal feet of the pipeline are within the parameters of the requested utility locate. The impacted gas line was not marked at any point along Auto Mall Road. At some points the damaged gas line was only 30 feet from the building and was not marked at any point. The branch line traversing from the impacted gas line to east side of the Curry Auto Center building was the only gas line marked in the vicinity.

Mr. Fields and Ms. Powers evaluated the markings on the site and agreed that the utilities on the site were not marked correctly based on the parameters given by Fields for locate ticket #1210040415. At 1600 hours, Miller Pipeline, a contractor for Vectren, arrived and proceeded to repair the damaged line (**Photo #4**). Ms. Hamidovic left the site at 1800 hours. The damaged pipeline facility was repaired by 1830 hours and Mr. Fields left the Site upon completion of the repair.

Please contact Rudy Fields at 812-333-5333 if you have any questions regarding this statement.

Respectfully submitted,
Fields Environmental, Inc.



Rudy Fields, LPG, CHMM
President/Senior Project Manager



Sara R. Hamidovic, PE, CHMM
Project Manager

SITE PLAN

SITE PLAN

2011 Aerial Photograph With Parcel Lines / Monroe County Indiana GIS Website



AREA OF VECTREN GAS PIPELINE FACILITY DAMAGE (97' FROM THE BUILDING AT THE SITE TO THE DAMAGE / MEASURED AT THE SITE)

UNMARKED GAS PIPELINE

BUILDING AT SITE (2906 E BUICK CADILLAC BLVD BLOOMINGTON, IN 47401) THE FIELDS ENVIRONMENTAL, INC. LOCATE REQUESTED THAT THE UNDERGROUND UTILITIES BE MARKED WITHIN 100' IN ALL DIRECTIONS OF THIS BUILDING

MARKED GAS PIPELINE

SAUTO MALLARD

97'

Perry

E BUICK CADILLAC BLVD

20 m

50 ft

Printed: 12/21/12

Disclaimer:

PHOTOGRAPHS

Case # 4025 Pipeline Facility Damage / 2906 Buick Cadillac Blvd.

Photo #1

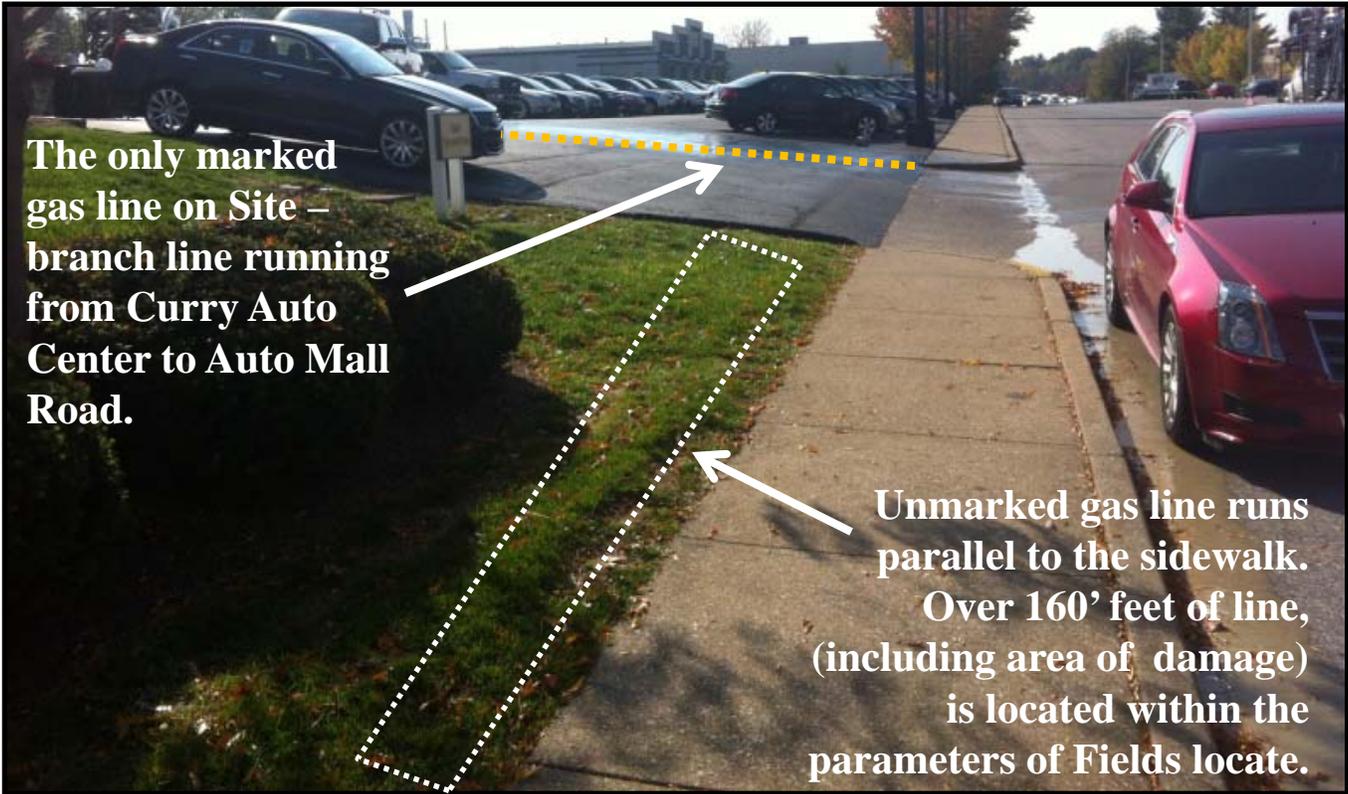
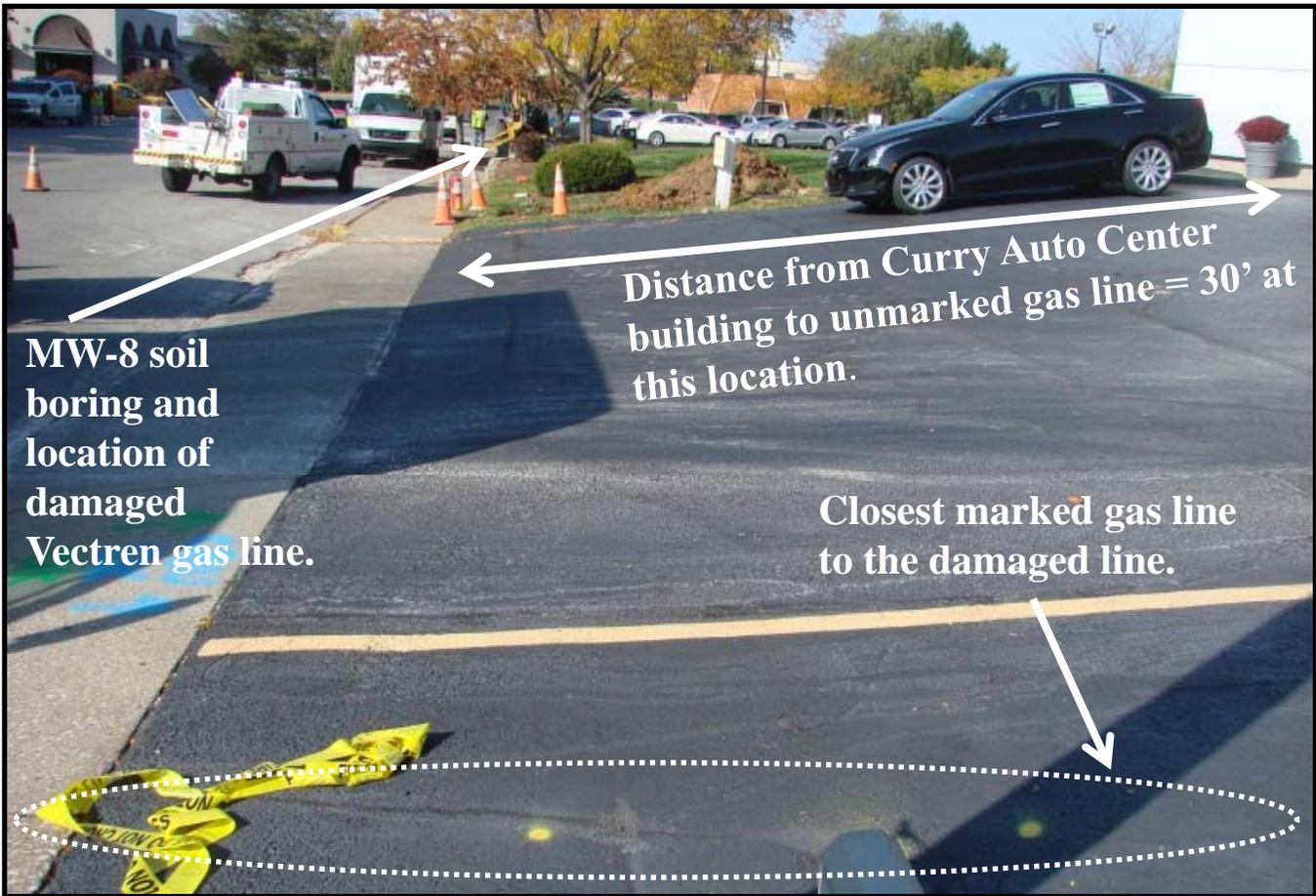


Photo #2



Case # 4025 Pipeline Facility Damage / 2906 Buick Cadillac Blvd.

Photo #3



Photo #4

