



Pipeline Safety Division Investigation Report

Investigation regarding: **Calumet Civil Contractors**

UPPAC Database Record ID: 413

Investigator: William Boyd

Report Date: 06/04/2012

Damage Date: 05/18/2011 12:34:15 PM

Damage Address: 1303 Villa Ave

City: Indianapolis

County: Marion

The Parties

Excavator: **Calumet Civil Contractors**

Contact: Steven Sweet, Safety Director

Address: 4898 Fieldstone Drive, Whitestown, In 46075

Telephone: (317) 769-1900

Facility Owner: Citizens Gas

Contact: Tony Chan

Address: 2150 Dr. Martin Luther King Jr. Street, Indianapolis, IN 46202

Pipeline Facility

Facility Type: Natural Gas

Facility Function: Service/Drop

Investigation regarding: Calumet Civil Contractors

UPPAC Database Record ID: 413

Damage Impact

Product release: Yes

Ignition: No

Service Interruption: True

Number of Customers Affected: 1

Injuries: 0

Fatalities: 0

Repair Cost (if known): \$177

Excavator Activities/Cause of damage information:

Excavator request locates: Yes Indiana 811 ticket Number: 1105050943

Type of Equipment: Backhoe/Trackhoe

Type of work performed: Curb/Sidewalk

Synopsis: Damage to a plastic natural gas service was damaged during excavation for a curb or sidewalk.

Findings: Reported by Indiana 811; excavator's response to initial notice was received on 02/21/2012. Excavator failed to maintain required clearance from the gas service with the backhoe. An abandoned service had been exposed by hand and was mistaken for the active service. Three facts from the pictures supplied by the excavator require the pipeline safety division to decide that the excavator failed to maintain two feet clearance: 1) the active service is clearly within two feet of the abandoned one, and the locate mark is within two feet of either, 2) the abandoned service that was uncovered is extremely corroded and, therefore, metal, and 3) there is tracer wire visible around the riser to the meter setting at the house, which should clearly indicate to anyone with experience that there is buried plastic pipe somewhere in the vicinity.

Conclusion: Excavator failed to maintain the required clearance with mechanized equipment.

Violation: IC 8-1-26-20(b): Failure to plan excavation to avoid damage or interference with underground facilities; Failure to maintain two (2) feet clearance with mechanized equipment.

Calumet Civil Contractors currently has 25 reports of damages in the record, between 11/02/2009 and 04/26/2012 1:38:53 PM.

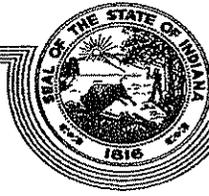
NO

LOCATE

TICKET

PROVIDED

STATE OF INDIANA



INDIANA UTILITY REGULATORY COMMISSION
101 W. WASHINGTON STREET, SUITE 1500E
INDIANAPOLIS, INDIANA 46204-3407

<http://www.in.gov/iurc>
Office: (317) 232-2701
Facsimile: (317) 232-6758

January 30, 2012

Mr. Tony Chan
Citizens Gas
2150 Dr. Martin Luther King Jr. Street
Indianapolis, IN 46202

Subject: Investigation Request for Information

Date of Event: 5/18/2011

Event Location: Orange Street, Indianapolis → 1303 Villa AVE

Facility Owner: Citizens Gas

Excavator: Calumet Civil Contractors

Other Party: N/A

Pipeline Division Case No. 413

Dear Mr. Chan:

Pursuant to Indiana Code 8-1-26, the *Indiana Damage to Underground Facilities Act*, the Pipeline Safety Division of the Indiana Utility Regulatory Commission ("Pipeline Division") is required to investigate reported incidents of alleged statutory violations involving underground pipeline safety. The purpose of this statute is to promote excavation and pipeline safety and to reduce the imminent danger to life, health, property, or loss of service associated with unsafe digging practices. Please note that the investigation does not entail determining criminal liability or a civil determination of fault or damages; however, it does determine whether any statutory violations were committed regarding public safety.

The Pipeline Division received information regarding potential statutory violations regarding the date and location referenced above. You were identified as a person or entity that might have information that would assist the Pipeline Division in its investigation. Therefore, we have contacted you in order to receive the full account of information in order to make a fair determination related to the circumstances of this incident.

We have asked all involved parties, entities and witnesses to provide *written* information within *30 days* in order to meet legal deadlines to conclude our investigation. **Please consider this letter as a formal request to receive any and all information and evidence (including a narrative, documentation, maps, photographs or any other written information) you can access regarding anything you may know about the incident referenced above.**

Information Request

Pipeline Safety Division Indiana Utility Regulatory Commission

Case No. 0413

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

The Parties:

Excavator Information:

Business Name: Calumet Civil Contractors
Responsible Party Personal Name: unavailable
Title (if any): unavailable
Address: 4898 Fieldstone Dr
City, State Zip: Whitestown, IN 46075
Preferred Telephone: (317) 769-1900
Cell Phone Number: unavailable
Email Address: unavailable

Facility Information:

Business Name: Citizens Gas
Responsible Party Personal Name: Tony Chan
Title (if any): Manager Gas Distribution
Address: 2150 Dr/ Martin Luther King Jr. St.
City, State, Zip: Indianapolis, IN 46202
Preferred Telephone: (317) 927-4619
Cell Phone Number: (317) 407-8278
Email Address: achan@citizensenergygroup.com

Locator Service Information:

Business Name: USIC
Responsible Party Personal Name: Blaine Walters
Title (if any): District Manager
Address: 518 Herriman Court
City, State Zip: Noblesville, IN 46060
Preferred Telephone: (317) 776-1479
Cell Phone Number: unavailable
Email Address: BlaineWalters@usicinc.com

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

Personal Contact: n/a
Business/Organization Name: n/a
Title (if any) n/a
Address: n/a
City, State, Zip: n/a
Preferred Telephone: n/a
Cell Phone Number: n/a
Email Address: n/a

Utility Line Impact:

Location of Damage:

Address: 1303 Villa Ave
City, State Zip: Indianapolis, IN 46203
Nearest Intersection: Orange St & Villa Ave

Product Type (circle one):

Natural Gas
 Liquid Pipeline
 Unknown/Other

Facility Type (circle one):

Distribution
 Gathering
 Service/Drop
 Transmission
 Unknown/Other

Size (Diameter/etc.): 1/2"

Pressure (PSIG/Inches): 30 psig

Interruption in Service: Yes / No Number of Customers Affected: 1

Evacuation: Yes / No If yes, How Many Evacuated? 0

Repair Cost (if known): \$ 177.00

Cause of Damage Information:

Type of Equipment (circle one):

Auger

Backhoe/Trackhoe

Boring /Drilling

Directional Drilling

Explosives

Farm Equipment

Grader/Scraper

Hand Tools

Milling Equipment

Probing Device

Trencher

Vacuum Equipment

Unknown/Other

Type of Work Performed (circle one):

Agriculture

Cable TV

Curb/Sidewalk

Bldg. Construction

Bldg. Demolition

Drainage

Driveway

Electric

Engineering/Surveying

Fencing

Grading

Irrigation

Landscaping

Liquid Pipeline

Milling

Natural Gas

Pole

Public Transit Authority

Railroad Maintenance

Road Work

Sewer (Sanitary/Storm)

Site Development

Steam

Storm Drain/Culvert

Street Light

Telecommunications

Traffic Signal

Traffic Sign

Water

Waterway Improvement

Unknown/Other

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: #1105050943
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:
Contractor cut 1/2" gas service with backhoe while installing sidewalks. Gas line was properly marked. Service was 36" deep.

YOUR PIPELINE SAFETY DIVISION CASE NO. 0473

YOUR FULL NAME: Tony Chan

FULL NAME OF BUSINESS/ENTITY (if applicable): Citizens Energy Group

YOUR BUSINESS TITLE (if applicable): Manager Gas Distribution

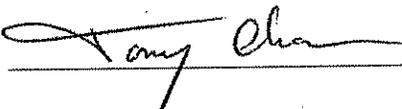
ADDRESS: 2150 Dr. Martin Luther King Jr St

CITY: Indianapolis STATE: IN ZIP CODE: 46202

YOUR TELEPHONE NUMBER: (317) 927 - 4619 SECOND NO. (317) 407-8278

YOUR EMAIL ADDRESS: achan@citizensenergygroup.com

TODAY'S DATE: 02/23/12

YOUR SIGNATURE:  TITLE (if any) Manager Gas Distribution

Please return your Narrative Statement and Answers to the above questions to:

**Pipeline Safety Division – Case No. 0473
Indiana Utility Regulatory Commission
101 West Washington Street, # 1500E
Indianapolis, IN 46204**

Or scan document(s) and Email to:

PipelineDamageCase@urc.in.gov

GAS FACILITY DAMAGE BILLING REPORT



1303 Villa Av
2522
411160336022
Calumet
769-1900
4898 Fieldstone Dr
Whitestown, IN
46075

CHARGE TO:
 DISTRIBUTION MAIN REPAIR ACCOUNT
 SERVICE REPAIR ACCOUNT
 TRANSMISSION MAIN REPAIR ACCOUNT
 CCGU
\$

RECEIVED:
 DATE: **5-18-11** TIME: **12:27 pm**
 BY: **JTL - CT TURNER**
CHARLIE
COMPLETED:
 DATE: **5-18-11** TIME: **2:15 pm**
 BY: **JTL - CT**

LABORER PERSONNEL	NO.	HOURS
1. 0293 Logan		1.75
2. 6278 Turner		1.75
3.		
4.		
5.		
6.		
7.		

EQUIPMENT:
 BACKHOE
 COMPRESSOR
 TRENCHER
 WELDER
 OTHER (LIST) →
DISPATCHED: YES NO
SMOKE TESTED BY CCGU OF THIS SERVICE: YES NO
FAULT NOTIFIED IN ADVANCE: YES NO
LINE MARKED PROPERTY: YES NO NOT MARKED
LINE LOCATE REQUEST NUMBER: **01120110518008**

UNDERGROUND DAMAGE BY:
 CONTRACTOR
 OWNER/OPERATOR
 PRIVATE PARTY

DAMAGE CAUSED BY:
 YES NO

TYPE OF JOB:
 PRIVATE AGREEMENT
 PUBLIC IMPROVEMENT

LOCATION:
 COMMERCIAL
 RESIDENTIAL
 FARM / RURAL

SIZE OF LINE DAMAGE (OR SIZE OF LINE):
 1/2" 1" 1-1/4" 2" 3" 4" 6" 8" 10" 12" 16" 20" 24" 30" >30"

TYPE OF LINE DAMAGE:
 SERVICE MAIN OTHER

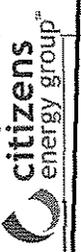
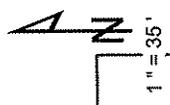
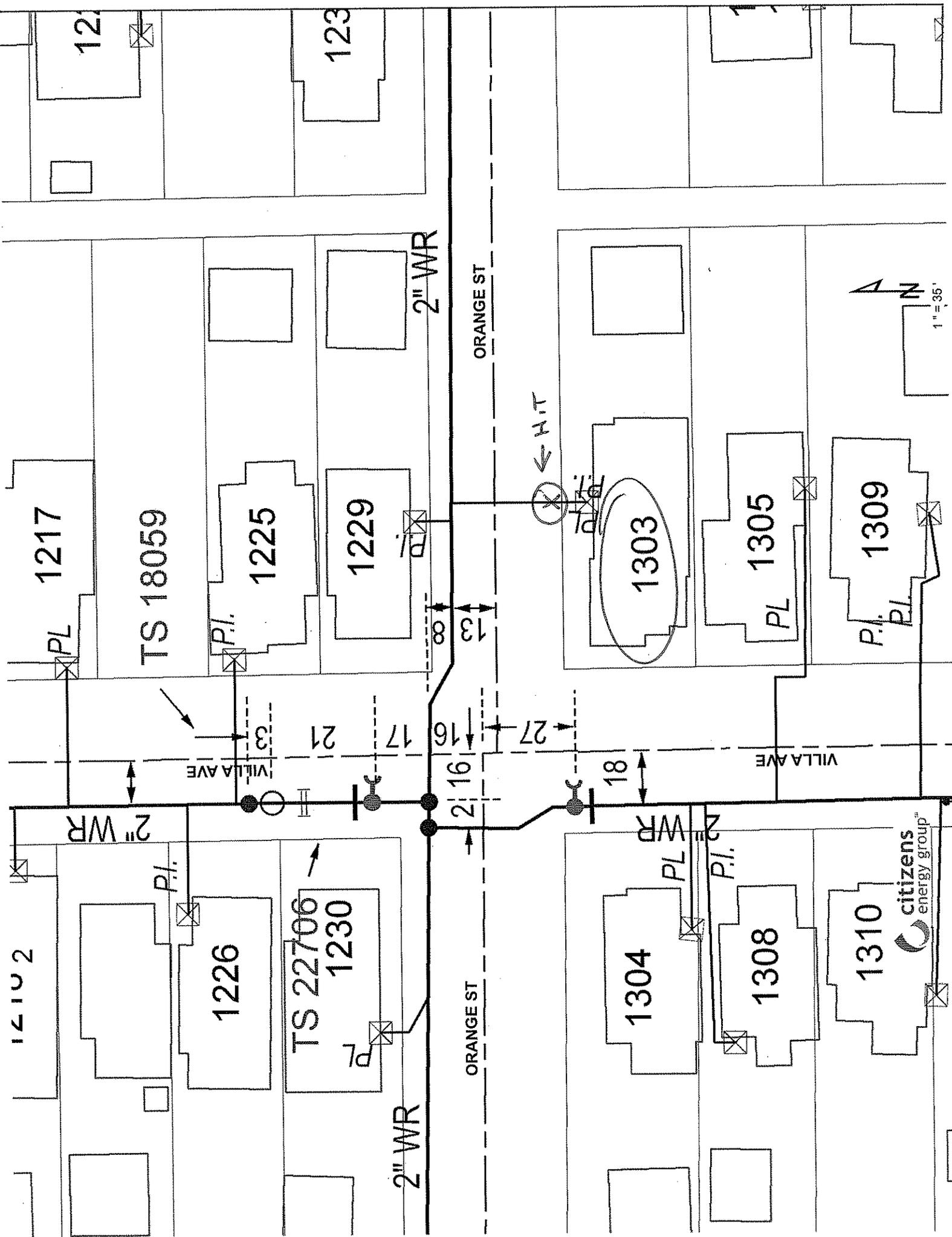
MATERIAL OF LINE DAMAGED:
 PLASTIC STEEL C.I.

PRESSURE OF LINE DAMAGED:
 HIGH MEDIUM LOW

LINE LOCATE REQUEST NUMBER:
01120110518008
#1105050943

Found 1/2" plastic service cut and squeezed off
 Tested OK and repaired with two 1/2" Lycos and 2' of plastic. SERVICE WAS MARKED ACCORDING TO THE ABANDONED STEEL PIPE.
 14' South of E of Orange St
 73' East of E of Villa Ave
 16' North of North of Riser
 Customer said appliances didn't need it
 36" Depth

DATE: 5-18-11 **BY:** *[Signature]* **REVIEWED BY:** M.A. Louisaint
W.O. # 57504





Calumet Civil Contractors, Inc.

4898 Fieldstone Drive
Whitestown, IN 46075
317.769.1900
317.769.7424 FAX
www.calumetcivil.com

February 14, 2012

INITIAL DOCUMENTS - EXCAVATOR

Pipeline Safety Division – **Case No. 413**
Indiana Utility Regulatory Commission
101 West Washington Street, Suite 1500 E
Indianapolis, IN 46204

Attn: Mr. William Boyd

Re: **Case No. 413**

Dear Mr. Boyd,

We received a notice for the above referenced case concerning a gas pipeline hit at Orange Street in Indianapolis. I am responding on behalf of Mr. Curtis Hamm, whom this letter was addressed.

The notice claimed that we did not call for locates before we hit this line. We did actually call for locates (**#1105050943**). The search for this line was hand dug and found at the elevation that was needed for the new pipe. Once the line was found and uncovered, the crew continued to dig using equipment. Immediately another gas line was hit, causing the damage. The locate marks only indicated one (1) line, but there was two (2) lines in the same area (see pictures).

We did call for a damage number for this hit (**#1105181809**).

If you need any additional information, please feel free to call me at (317) 769-1911.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven Sweet", written in a cursive style.

Steven Sweet
Safety Director

Enclosures: Information Request (IURC)
DIRT – Field Form 110518 Villa Ave
Damage Pictures (3)

Information Request

Pipeline Safety Division Indiana Utility Regulatory Commission

Case No. 413

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

The Parties:

Excavator Information:

Business Name: CALUMET CIVIL CONTRACTORS, INC.

Responsible Party Personal Name: Steve Sweet

Title (if any): Safety Director

Address: 4898 Fieldstone Drive

City, State Zip: Whitestown, IN 46075

Preferred Telephone: (317) 769-1900

Cell Phone Number: (317) 538-2885

Email Address: ssweet@calumetcivil.com

Facility Information:

Business Name: Citizens Gas

Responsible Party Personal Name: Bob Kirkpatrick

Title (if any): District Supervisor

Address: 2150 Dr. Martin Luther King Jr. Street

City, State, Zip: Indianapolis, IN 46202

Preferred Telephone: (317) 691-3123

Cell Phone Number: (317) 691-3123

Email Address: rkirkpatrick@CitizensEnergyGroup.com

Locator Service Information:

Business Name: United States Infrastructure Corporation

Responsible Party Personal Name:

Title (if any):

Address: 13085 Hamilton Crossing Boulevard, Suite 200

City, State Zip: Carmel, IN 46032

Preferred Telephone: (317) 575-7800

Cell Phone Number:

Email Address:

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

Personal Contact:

Business/Organization Name:

Title (if any)

Address:

City, State, Zip:

Preferred Telephone:

Cell Phone Number:

Email Address:

Utility Line Impact:

Location of Damage: Hit service line

Address: 1303 Villa Avenue

City, State Zip: Indianapolis, IN 46203

Nearest Intersection: Orange Street & Villa Avenue

Product Type (circle one):

Natural Gas

Liquid Pipeline

Unknown/Other

Facility Type (circle one):

Distribution

Gathering

Service/Drop

Transmission

Unknown/Other

Size (Diameter/etc.): 0.75 Inch

Pressure (PSIG/Inches): _____

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

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

Repair Cost (if known): \$ _____

Cause of Damage Information:

Type of Equipment (circle one):

Auger

Backhoe/Trackhoe

Boring /Drilling

Directional Drilling

Explosives

Farm Equipment

Grader/Scraper

Hand Tools

Milling Equipment

Probing Device

Trencher

Vacuum Equipment

Unknown/Other

Type of Work Performed (circle one):

Agriculture

Cable TV

Curb/Sidewalk

Bldg. Construction

Bldg. Demolition

Drainage

Driveway

Electric

Engineering/Surveying

Fencing

Grading

Irrigation

Landscaping

Liquid Pipeline

Milling

Natural Gas

Pole

Public Transit Authority

Railroad Maintenance

Road Work

Sewer (Sanitary/Storm)

Site Development

Steam

Storm Drain/Culvert

Street Light

Telecommunications

Traffic Signal

Traffic Sign

Water

Waterway Improvement

Unknown/Other

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: 1105050943 Damage Ticket No. 1105181809

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:

YOUR PIPELINE SAFETY DIVISION CASE NO. 413

YOUR FULL NAME: STEVEN SWEET

FULL NAME OF BUSINESS/ENTITY (if applicable): CALUMET CIVIL CONTRACTORS, INC

YOUR BUSINESS TITLE (if applicable): SAFETY DIRECTOR

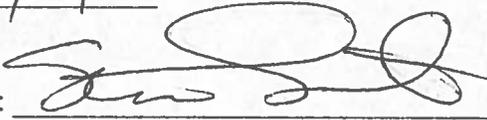
ADDRESS: 4898 FIELD STARS DR

CITY: WHITESBORO STATE: IN ZIP CODE: 46075

YOUR TELEPHONE NUMBER: (317) 769-1900 SECOND NO. (317) 538-2885

YOUR EMAIL ADDRESS: SSWEET@CALUMET CIVIL

TODAY'S DATE: 2/21/12

YOUR SIGNATURE:  TITLE (if any) _____

Please return your Narrative Statement and Answers to the above questions to:

**Pipeline Safety Division – Case No. 413
Indiana Utility Regulatory Commission
101 West Washington Street, # 1500E
Indianapolis, IN 46204**

Or scan document(s) and Email to:

PipelineDamageCase@urc.in.gov

#412

110518 VILLA AVE

Damage Information Reporting Tool (DIRT) - Field Form

Part A - Who is Submitting This Information

- Who is providing the information? Electric Engineer/Design Equipment Manufacturer
- Excavator Insurance Liquid Pipeline Locator Natural Gas
- One-Call Center Private Water Public Works Railroad
- Road Builders State Regulator Telecommunications Unknown/Other

Name of the person providing the information:

Part B - Date and Location of Event

- *Date of Event: 5-18-11 (MM/DD/YYYY)
- *Country MARION *State IN *County USA City INDIANAPOLIS
- Street address 1303 VILLA AVE Nearest Intersection VILLA & ORANGE
- *Right of Way where event occurred
- Public: City Street State Highway County Road Interstate Highway Public-Other
- Private: Private Business Private Land Owner Private Easement
- Pipeline Power /Transmission Line Dedicated Public Utility Easement
- Federal Land Railroad Data not collected Unknown/Other

Part C - Affected Facility Information

- *What type of facility operation was affected?
- Cable Television Electric Natural Gas Liquid Pipeline Sewer (Sanitary Sewer)
- Steam Telecommunications Water Unknown/Other
- *What type of facility was affected?
- Distribution Gathering Service/Drop Transmission Unknown/Other
- Was the facility part of a joint trench?
- Unknown Yes No
- Was the facility owner a member of One-Call Center?
- Unknown Yes No

Part D - Excavation Information

- *Type of Excavator
- Contractor County Developer Farmer Municipality Occupant
- Railroad State Utility Data not collected Unknown/Other
- *Type of Excavation Equipment
- Auger Backhoe/Trackhoe Boring Drilling Directional Drilling
- Explosives Farm Equipment Grader/Scraper Hand Tools Milling Equipment
- Probing Device Trencher Vacuum Equipment Data Not Collected Unknown/Other
- *Type of Work Performed
- Agriculture Cable Television Curb/Sidewalk Bldg. Construction Bldg. Demolition
- Drainage Driveway Electric Engineering/Survey Fencing
- Grading Irrigation Landscaping Liquid Pipeline Milling
- Natural Gas Pole Public Transit Auth. Railroad Maint. Road Work
- Sewer (San/Storm) Site Development Steam Storm Drain/Culvert Street Light
- Telecommunication Traffic Signal Traffic Sign Water Waterway Improvement
- Data Not Collected Unknown/Other

Part E - Notification

- *Was the One-Call Center notified?
- Yes (If Yes, Part F is required) No (If No, Skip Part F)
- If Yes, which One-Call Center?
- If Yes, please provide the ticket number 1105050943

Part F - Locating and Marking

- *Type of Locator
- Utility Owner Contract Locator Data Not Collected Unknown/Other
- *Were facility marks visible in the area of excavation?
- Yes No Data Not Collected Unknown/Other
- *Were facilities marked correctly?
- Yes No Data Not Collected Unknown/Other

Part G – Excavator Downtime

Did Excavator incur down time?

- Yes No

If yes, how much time?

- Unknown Less than 1 hour 1 hour 2 hours 3 or more hours Exact Value _____

Estimated cost of down time?

- Unknown \$0 \$1 to 500 \$501 to 1,000 \$1,001 to 2,500 \$2,501 to 5,000
 \$5,001 to 25,000 \$25,001 to 50,000 \$50,001 and over Exact Value _____

Part H – Description of Damage

*Was there damage to a facility?

- Yes No (i.e. near miss)

*Did the damage cause an interruption in service?

- Yes No Data Not Collected Unknown/Other

If yes, duration of interruption

- Unknown Less than 1 hour 1 to 2 hrs 2 to 4 hrs 4 to 8 hrs 8 to 12 hrs 12 to 24 hrs
 1 to 2 days 2 to 3 days 3 or more days Data Not Collected Exact Value _____

Approximately how many customers were affected?

- Unknown 0 1 2 to 10 11 to 50 51 or more Exact Value _____

Estimated cost of damage / repair/restoration

- Unknown \$0 \$1 to 500 \$501 to 1,000 \$1,001 to 2,500 \$2,501 to 5,000
 \$5,001 to 25,000 \$25,001 to 50,000 \$50,001 and over Exact Value _____

Number of people injured

- Unknown 0 1 2 to 9 10 to 19 20 to 49 50 to 99
 100 or more Exact Value _____

Number of fatalities

- Unknown 0 1 2 to 9 10 to 19 20 to 49 50 to 99
 100 or more Exact Value _____

Part I – Description of the Root Cause *Please choose one

One-Call Notification Practices Not Sufficient

- No notification made to the One-Call Center
 Notification to one-call center made, but not sufficient
 Wrong information provided to One Call Center

Locating Practices Not Sufficient

- Facility could not be found or located
 Facility marking or location not sufficient
 Facility was not located or marked
 Incorrect facility records/maps

Excavation Practices Not Sufficient

- Failure to maintain marks
 Failure to support exposed facilities
 Failure to use hand tools where required
 Failure to test-hole (pot-hole)
 Improper backfilling practices
 Failure to maintain clearance
 Other insufficient excavation practices

Miscellaneous Root Causes

- One-Call Center error
 Abandoned facility
 Deteriorated facility
 Previous damage
 Data Not Collected
 Other

Part J – Additional Comments

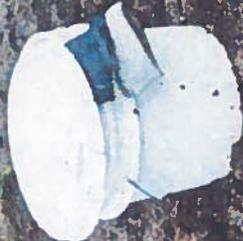
There was an old gas line right next to
 the new one. Took pictures

1105181809

#413



#413





#413