



## Pipeline Safety Division Investigation Report

### Investigation regarding: Fairview Park Water Utility

UPPAC Database Record ID: 4314

Report Date: 7/15/2013

Investigator: Mike Orr

Damage Date: 1/7/2013 10:49:51 AM

Damage Address: 1329 Pike St, Clinton, Vermillion

### The Parties

Excavator: **Fairview Park Water Utility**

Address: 420 East 3rd Street/po Box 312, Clinton, In 47842

Facility Owner: **Vectren**

### Pipeline Facility

Facility Type: Natural Gas

Facility Function: Service/Drop

Type of Equipment: Backhoe/Trackhoe

Type of Work Performed: Water

### Damage Impact

Product Release: Yes

Ignition: No

Service Interruption: True

Number of Customers Affected: 1

Injuries: 0

Fatalities: 0

Repair Cost (if known): \$1148

### Excavator Activities/Cause of Damage Information:

Excavator Request Locates: Yes  
1/4/2013

Indiana 811 Ticket Number: 1301020213

Original Start Date:

Locate Instructions: LOCATE--FRONT OF THE PROPERTY--FROM HOUSE TO STREET--AREA IS MARKED IN BLUE--

Follow-Up Locate Instructions (if applicable):

**Synopsis:** Excavator struck and damaged an underground natural gas service while performing water work.

**Findings:** Reported by Indiana 811; excavator's response to initial notice was received on 3/18/2013. The excavator had a valid locate ticket; however, the gas operator self reported a failure to accurately provide 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 S

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

INITIAL DOCUMENTS -  
OPERATOR

CASE # 4314

Submitted to IURC-Pipeline Safety on: 2-19-2013

### 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: Fairview Park Water Utility

Business address (number and street): 420 E 3rd Street, Box 312

City, State, and ZIP code: Clinton, IN 47842

Telephone number (area code): 765-832-9389

Fax number (area code): 765-832-3984

E-mail address: Unknown

### Excavation or Demolition Information

Excavator type: Contractor

Excavation or demolition equipment: Backhoe/Trackhoe

Type of work performed: Water

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**Date and Location of Damage**

Date of damage (month, day, year): 1-7-2013

County: JVermillion

City: Fairview

Street address (number and street, city, state, and ZIP code):  
1329 Pike Street, Clinton, IN

Nearest intersection: Unknown

Right of way where damage occurred: Private - Land Owner

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? Yes

If yes, how many affected? 1

Time to restore service (in hours): 4

Enter number of injuries, if applicable and known: 0

Enter number of fatalities, if applicable and known: 0

Property damage, Estimate \$ 1,148.21

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**Affected Facility Information**

What type of pipeline was damaged? Natural Gas

What was the affected facility? Service/Drop

What was the depth of the facility, in inches? \_\_\_\_\_

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**Notification, Locating, Marking**

Did excavator request locates prior to commencing work? Yes

Enter Indiana 811 ticket number, if known: 1301020213

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? Yes

Were facilities marked correctly? No

Type of markings used: Paint and Flags

If other, please specify: None

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

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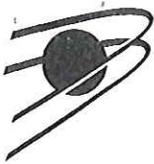
### Description of Cause

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

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### Additional Comments

1" plastic service severed by hoe. > 24"



2 VECTREN ENERGY DELIVERY OF INDIANA - NORTH

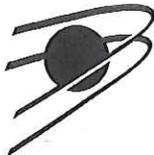
NOW DUE

\$1,148.21

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

Type: GAS  
Invoice: FDS0017376  
BillToID: 32939  
Billing Date: 2/6/2013  
Date of Loss: 1/7/2012  
5950 103.0510

Please return this portion with your remittance.



Mail Payment To:  
Vectren Utilities Holding Corp. VECTREN ENERGY DELIVERY OF INDIANA - NORTH  
1239 Reliable Parkway  
Chicago, IL 60686-0012  
Inquiries: 1-877-902-2934, Mon.-Fri., 8-5  
Risk Management/Claims Department

NOW DUE  
  
\$1,148.21

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

Type: GAS  
Invoice: FDS0017376  
BillToID: 32939  
Billing Date: 2/6/2013  
Date of Loss: 1/7/2012

**Invoice For Costs to Repair and Reconstruct Damaged Property**

Address: 1329 PIKE STREET, CLINTON  
1" PLASTIC SERVICE SEVERED BY HOE. > 24"

Material:	\$100.53
Company Labor:	\$819.69
Contract Labor:	\$0.00
Transportation/Equipment:	\$167.50
Misc:	\$0.00
Gas Loss:	\$60.49
Adjustments:	\$0.00
Payments:	\$0.00
<b>Total:</b>	<b>\$1,148.21</b>

5950 103.0510

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

FDS0017376

Task No: 103.0510 Capital / O & M (circle one)  
Date of Damage 1 / 7 / 13  
Cost Center # 5950  
Time Occurred 10:58 am / pm  
Time Found 11:10 am / pm  
Latitude 39.673384 Longitude: -87.415230

Vectren Claim Number: \_\_\_\_\_  
Police Report / MO #: \_\_\_\_\_

Vectren Claims Camera:

VE03331  
4

# FACILITIES DAMAGE REPORT

## GAS

DAMAGE SITE: 1329 PIKE ST. Lot # \_\_\_\_\_  
Address \_\_\_\_\_  
County VERMILLION City CLINTON State IN Township CLINTON

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

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 type="checkbox"/> Main	0.75 inch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Meter (Residential)	1.00 inch	<input checked="" 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 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 checked="" 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			

VISUAL OBSERVATION AT DAMAGE SITE: 11/1  
 Visual Observation:  Above Ground  Below Ground  
 Locate Applicable:  Yes  No  N/S  
 Facilities Properly Marked:  Yes  No  N/S  
 Marking Methods:  Conventional  Flags  None  
 Offset  Paint  Stakes  Whiskers  
 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: 8 (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:  Cast Iron  Plastic (HDPE)  Plastic (MDPE)  Steel  
 DAMAGE TYPE:  Severed  Not Cut  Severed  
 Size \_\_\_\_\_ x \_\_\_\_\_  
 PRESSURE:  25 PSIG  40 PSIG  50 PSIG  55 PSIG  60 PSIG  
 6 WC (.2163)  7 WC (252)  Other \_\_\_\_\_

PROTECTION IN PLACE:  Building  Fence  None  Post  Rail  Vault  N/A  Other \_\_\_\_\_  
 DURATION OF ESCAPING GAS: Minutes: 47

LEAK REPORT NUMBER: 9301245  
 EFV Activated  Yes  No  N/S

FEED TYPE:  One-Way Feed  Two-Way Feed  
 Number of Customers Affected: 1  
 Total Hours Service Was Off: 4

SERVICE ORDER NUMBER: NS478426

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 WATER DEPT.  
 WORKING FOR:  City  County  Developer  State  Property Owner  Utility

Observation by (ID#): 7024  
 Name of Locator: USIC  
 LOCATING ORGANIZATION:  Contract Locator  Unknown / Other  Utility Owner

NOTIFICATIONS AND OTHER DETAILS OF LOCATE:  
 Locate Ticket: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_ 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

**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 **LOCATE ERROR**

**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: \_\_\_\_\_  
 # of Regular Hours; \_\_\_\_\_  
 # of Overtime Hours; \_\_\_\_\_  
 # of Regular Hours; \_\_\_\_\_  
 Crew Type: \_\_\_\_\_

**MATERIALS OR ROAD WORK:**

- Meter was replaced \_\_\_\_\_ (Stores Code)
- Regulator Was Replaced \_\_\_\_\_ (Stores Code)
- Temporary Asphalt Repair: \_\_\_\_\_ (sq. ft.)
- Permanent Asphalt Repair: \_\_\_\_\_ (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

- 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: HARRY CROSSLEY  
 Address: \_\_\_\_\_  
 City/ State/ Zip: \_\_\_\_\_  
 Phone: ( 812 ) 208-8996  
B. PHILLIPS 1-7-13  
 Prepared / Investigated By: \_\_\_\_\_ Date: \_\_\_\_\_  
FAIRVIEW PARK WATER DEPT.

**PARTY TO INVOICE:**  
 Name: USIC  
 Address: \_\_\_\_\_  
 City/ State/ Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 \_\_\_\_\_ 1/7/13  
 Reviewed by Field Supervisor: \_\_\_\_\_ Date: \_\_\_\_\_

**SERVICE WAS LOCATED APPROX. 8 FT EAST OF ACTUAL LOCATION OF SERVICE.**

NORMAL NOTICE

Ticket : 1301020213 Date: 01/02/2013 Time: 08:17 Oper: DWILSON Chan:006

State: IN Cnty: VERMILLION Twp: CLINTON  
 Cityname: FAIRVIEW PARK Inside: Y Near: N  
 Subdivision:

Address : 1329  
 Street : PIKE ST  
 Cross 1 : S FULTON ST Within 1/4 mile: Y  
 Location: LOCATE--FRONT OF THE PROPERTY--FROM HOUSE TO STREET--AREA IS MARKED IN BLUE--

:  
 Grids : 3940C8724A  
 Boundary: n 39.673918 s 39.672808 w -87.416065 e -87.413726

Work type : REPAIRING SERVICE LINE  
 Done for : FAIRVIEW PARK WATER UTILITY  
 Start date: 01/04/2013 Time: 08:30 Hours notice: 48/048 Priority: NORM  
 Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: N  
 Duration : 1 DAY Depth: 6 FEET

Company : FAIRVIEW PARK WATER UTILITY Type: MEMB  
 Co addr : 420 EAST 3RD STREET/PO BOX 312  
 City : CLINTON State: IN Zip: 47842  
 Caller : SUSAN CROSSLEY Phone: (765)832-9389  
 Contact : MARK ANDREWS---CELL Phone:  
 BestTime:  
 Mobile : (812)208-2781  
 Fax : (765)832-3984

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

Submitted date: 01/02/2013 Time: 08:17  
 Members: ID0002 ID3722 ID4021 ID8729 ID8891 ID9370 SBCIN

Member Name	Facility Types
AT&T - DISTRIBUTION	COMMUNICATIONS
CLINTON TOWNSHIP WATER	
CLINTON, CITY OF	
DUKE ENERGY / FORMERLY CINERGY	ELECTRIC
FAIRVIEW PARK UTILITIES	
NEW WAVE COMMUNICATION / FORMERLY AVENUE BROADBAND	CABLE TV
VECTREN - TERRE HAUTE	GAS

DAMAGE SEE REMARKS

Ticket : 1301071126 Date: 01/07/2013 Time: 10:46 Oper: DSEGO Chan:087

State: IN Cnty: VERMILLION Twp: CLINTON  
 Cityname: FAIRVIEW PARK Inside: Y Near: N  
 Subdivision:

Address : 1329  
 Street : PIKE ST  
 Cross 1 : S FULTON ST Within 1/4 mile: Y  
 Location: LOCATE--FRONT OF THE PROPERTY--FROM HOUSE TO STREET--AREA IS MARKED IN BLUE--  
 :  
 Grids : 3940C8724A  
 Boundary: n 39.673918 s 39.672808 w -87.416065 e -87.413726

Work type : REPAIRING SERVICE LINE  
 Done for : FAIRVIEW PARK WATER UTILITY  
 Start date: 01/07/2013 Time: 10:46 Hours notice: 0/000 Priority: EMER  
 Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: Y  
 Duration : 1 DAY Depth: 6 FEET

Company : FAIRVIEW PARK WATER UTILITY Type: MEMB  
 Co addr : 420 EAST 3RD STREET/PO BOX 312  
 City : CLINTON State: IN Zip: 47842  
 Caller : SUSAN CROSSLEY Phone: (765)832-9389  
 Contact : MARK ANDREWS---CELL Phone:  
 BestTime:  
 Mobile : (812)208-2781  
 Fax : (765)832-3984

Remarks : All tickets are taken and processed on Eastern Daylight Time  
 A VECTREN GAS LINE HAS BEEN DAMAGED ON THE FRONT SIDE OF THE PROPERTY---GAS LINE IS BLOWING AND CAN BE HEARD AND SMELLED---CAN NOT DESCRIBE DAMAGED LINE---SUSAN CROSSLEY WILL CALL 911 AND VECTREN---CREW IS ON SITE---PREVIOUS TICKET NUMBER IS 1301020213  
 Will you be white-lining the dig site area? NO  
 :

Submitted date: 01/07/2013 Time: 10:46  
 Members: ID0002 ID3722 ID4021 ID8729 ID8891 ID9370 SBCIN

Member Name	Facility Types
AT&T - DISTRIBUTION	COMMUNICATIONS
CLINTON TOWNSHIP WATER	
CLINTON, CITY OF	
DUKE ENERGY / FORMERLY CINERGY	ELECTRIC
FAIRVIEW PARK UTILITIES	
NEW WAVE COMMUNICATION / FORMERLY AVENUE BROADBAND	CABLE TV
VECTREN - TERRE HAUTE	GAS



Property of United States Infrastructure Corporation  
Photo taken on 1/7/2013 11:44:22 AM



Property of United States Infrastructure Corporation  
Photo taken on 1/7/2013 11:44:26 AM



Property of United States Infrastructure Corporation  
Photo taken on 1/7/2013 11:44:32 AM



Property of United States Infrastructure Corporation  
Photo taken on 1/7/2013 11:44:38 AM



Property of United States Infrastructure Corporation  
Photo taken on 1/7/2013 11:44:44 AM



Property of United States Infrastructure Corporation  
Photo taken on 1/7/2013 11:45:02 AM

# Service Order Status

Monday, January 14, 2013

**Enter Service Order Number:**

5478426



Clear Form    Save Form

**Banner Instance:**  CS03PROD  CS01PROD  CS02PROD  
**Order Number:** N5478426  
**Order Type:** LEAK  
**Order Status:** Completed

**Customer:** 600353851 - SPENDAL JIM  
**Prem:** 5301646 - 1329 PIKE ST

**Technician:** 7024 - Phillips, Brad

**Order Dates and Times**

**Need Date:** 1/7/2013 11:25:00 AM  
**Time Created:** 1/7/2013 10:59:18 AM  
**Time Dispatched:** 1/7/2013 10:59:18 AM  
**Time In Route:** 1/7/2013 10:59:43 AM  
**Time On-Site:** 1/7/2013 11:11:47 AM  
**Tech Complete:** 1/7/2013 12:40:31 PM  
**Time Closed:** 1/7/2013 12:40:31 PM

**Events Performed/Completion Code**

LKOT - CMP

**Meter Information**

	Current Read	Status
<b>Old Meter:</b>	0958	Active
<b>New Meter:</b>		

**Completion Notes**

HIT SERVICE. NO MIGRATION, CHECKED 2 ADJCNT HOUSE, NO GAS FOUND. FDS0017376. HUDSON ON SITE TO REPAIR. BP

**Request Notes**

01/07/13 HIT LINE BLOWING PER SUSAN CROSLY W / FAIRVIEW PARK WATER DEPT...CREW ON SITE...TX 812-208-2783...LOCATED...1301020213...MARK 812-208-2781 IS ON SITE CONTACT...ADVISED PRECAUTIONS...LINE IN STREET HIT.

**MDSI Event Dates and Times**

Event	Date/Time	User
AsnAssignmentEnRoute_evt	1/7/2013 10:59:43 AM	Phillips, Brad
AsnAssignmentManualAck_evt	1/7/2013 10:59:47 AM	Phillips, Brad
AsnAssignmentOnSite_evt	1/7/2013 11:11:47 AM	Phillips, Brad
OrdOrderComplete_evt	1/7/2013 12:40:31 PM	Phillips, Brad

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

Spandal Jr

Case no. 43K4

INDIANA UNDERGROUND  
1 800 382-5544

DATE/TIME 1-12-13

765 832-9389  
VERMILLION COUNTY  
CLINTON TOWNSHIP

911 800 227 1376  
11

ADDRESS 1329 Pike St

RECEIVED

MAR 18 2013

INDIANA UTILITY  
REGULATORY COMMISSION

CROSS STREET 1/4 MILE S Fulton

LOCATION FOR MARKING front of property to street  
below line

WHAT TYPE OF WORK repair service line

CONTACT PERSON Mark 312 208 2781  
[REDACTED]

START DATE/TIME 1-4 8:50 AM

2-17  
REFERENCE # 130 102 0213

NOTES: E 130 107 1126 Call Rick  
8239340

DATE REPAIRED 1-4-13

SHUT OFF/ HOW LONG \_\_\_\_\_

WORKERS Harry Mark Ralph

COMMENTS E 130 107 1126 had to shut off

Fulton - Pike OFF 9:30A - hit mouse trap

Kelley - 4TH 12:25PM lines not marked correctly

Called 911 & Vectren