

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION
CASE NO. 2015-00101

RECEIVED

OCT 12 2015

PUBLIC SERVICE
COMMISSION

IN THE MATTER OF:

**AN INVESTIGATION OF FRIENDLY PARK DEVELOPMENT, INC'S
NOTICE OF INTENT TO ABANDON SERVICE**

**DAVISS COUNTY FISCAL COURT'S RESPONSE
TO COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION**

In response to Commission Staff's First Request for Information, Daviess County Fiscal Court states as follows:

1. Confirm that Daviess County allocated \$25,000.00 to the Regional Water Resource Agency ("RWRA") in June 2015 for the purpose of inspecting the Friendly Park Development, Inc. ("Friendly Park") and Cedar Hills Sanitation Disposal Corporation sanitation systems.

Answer: Yes.

2. State whether the inspection of the Friendly Park sanitation system has been conducted.

Answer: Yes, from July 2, 2015 to August 28, 2015

3. Briefly describe what the inspection entailed and the results of the inspection.

Answer: Please see the attached report along with the Friendly Village Private Sewer System Inspection Executive Summary

4. Provide the status of RWRA's plan, if any, to take over the Friendly Park system.

Answer: RWRA has no plan to provide service to the customers of Friendly Park Development Inc.

5. State whether RWRA has procured any additional funding sources for the purpose of acquiring or managing Friendly Park.

Answer: No.

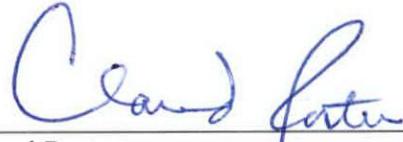
6. State the distance between the Friendly Park sanitation system and RWRA's system.

Answer: The distance from the pumps station near the Davies County Public Works compound to Friendly Village Package Plant is approximately 23,800 LF, or about 4.5 miles.

This the 8th day of October, 2015.

I certify that the responses to the commission staff's request for information are true and correct to the best of my knowledge and belief.

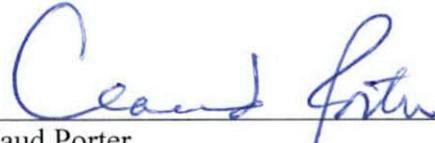
This the 8th day of October, 2015.



Claud Porter
Daviness County Attorney
212 St. Ann Street, Room 202
PO Box 1716
Owensboro, KY 42302
(270) 685-8424

CERTIFICATE OF SERVICE

I certify that I mailed a true and copy of the foregoing to A.V. Conway, Conway & Keown, 124 W. Union Street, P.O. Box 25, Hartford, KY 42347.
This the 8th day of October, 2015.



Claud Porter
Daviness County Attorney

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BEFORE THE PUBLIC SERVICE COMMISSION
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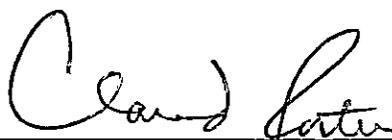
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Answer: The distance from the pumps station near the Davies County Public Works compound to Friendly Village Package Plant is approximately 23,800 LF, or about 4.5 miles.

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Daviness County Attorney

Friendly Village Private Sewer System Inspection Executive Summary

RWRA Work Order: 15-001899

WO Start Date: July 2, 2015

WO Completion Date: August 28, 2015

At the request of Daviess County Fiscal Court, RWRA was tasked with performing a comprehensive inspection of the Friendly Village sewer collection system. RWRA requested and was granted a right of entry to complete inspection services on July 13, 2015. RWRA performed inspection services on all accessible sewer assets in the private collection system within the capabilities of RWRA staff and equipment. RWRA did not comprehensively inspect the mobile home park collection system, mobile home park pump station/equipment, or Friendly Village wastewater treatment facility (package plant) or associated equipment that serves this collection system.

RWRA was successful in inspecting approximately 2,386 LF of sewage collection mains, taps, laterals and structures within the privately owned system. Approximately 26% of the known 3,251 LF of sewer collection system was inaccessible to RWRA's inspection equipment due to various blockages, defects, paved-over structures and structural failures. Of the inspections performed, approximately 35 individual repairs consisting of structure sealings, casting adjustments/replacements, lateral repairs/replacements and point repair liners are recommended to correct various defects as detailed in the individual asset inspection reports contained herein. RWRA also recommends repair/replacement considerations be made for the 865 LF of sewer collection assets that were inaccessible for inspection.

Individual pipe/structure segment inspection results are detailed in the following pages. Camera inspection records have been included in this report in .mpg format on the enclosed memory stick. RWRA staff has reviewed the inspection videos and notes and all noted repairs/remedies included herein are recommendations only and not to be considered 100% accurate.

CODE	DESCRIPTION	CODE	DESCRIPTION
B	BROKEN PIPE	H	HOLE IN SEWER
BJ	BROKEN PIPE AT JOINT	HSH	HYDROGEN SULPHIDE (HEAVY)
BR	BRANCH MAJOR	HSL	HYDROGEN SULPHIDE (LIGHT)
CAF	CONTINUE AGAINST THE FLOW	HSM	HYDROGEN SULPHIDE (MEDIUM)
CAW	CAMERA ABOVE WATER	ID	INFILTRATION DRIPPER
CC	CRACK CIRCUMFERENTIAL	IDJ	INFILTRATION DRIPPER AT JOINT
CCJ	CRACK CIRCUMFERENTIAL AT JOINT	IG	INFILTRATION GUSHER
CL	CRACK LONGITUDINAL	IGJ	INFILTRATION GUSHER AT JOINT
CLJ	CRACK LONGITUDINAL AT JOINT	IR	INFILTRATION RUNNER
CM	CRACKS MULTIPLE	IRJ	INFILTRATION RUNNER AT JOINT
CMJ	CRACKS MULTIPLE AT JOINT	IS	INFILTRATION SEEPER
CN	CONNECTION	ISJ	INFILTRATION SEEPER AT JOINT
CNI	CONNECTION INTRUDING	JDL	JOINT DISPLACED LARGE
CNR	CONNECTION RUNNER	JDM	JOINT DISPLACED MEDIUM
CU	CAMERA UNDERWATER	JDS	JOINT DISPLACED SLIGHT
CWF	CONTINUE WITH THE FLOW	JN	JUNCTION
CX	CONNECTION DEFECTIVE	JNR	JUNCTION RUNNER
CXI	CONNECTION DEFECTIVE INTRUDING	JX	JUNCTION DEFECTIVE
CXR	CONNECTION DEFECTIVE RUNNER	JXR	JUNCTION DEFECTIVE RUNNER
D	DEFORMED SEWER	LC	LINING CHANGES
DA	DROP ASSEMBLY	LD	LINE DEVIATES DOWN
DC	DIMENSION CHANGE	LL	LINE DEVIATES LEFT
DE	DEBRIS (NOT GREASE OR SILT)	LR	LINE DEVIATES RIGHT
DEG	DEBRIS (GREASE)	LU	LINE DEVIATES UP
DEJ	DEBRIS AT JOINT	MB	MISSING BRICKS
DES	DEBRIS SILT	MC	MATERIAL CHANGES
DGJ	DEBRIS GREASE (AT JOINT)	MH	MANHOLE
DSJ	DEBRIS SILT (AT JOINT)	MM	MORTAR MISSING MEDIUM
EH	ENCRUSTATION HEAVY	MS	MORTAR MISSING SURFACE
EHJ	ENCRUSTATION HEAVY AT JOINT	MT	MORTAR MISSING TOTAL
EL	ENCRUSTATION LIGHT	NF	NOT FOUND
ELJ	ENCRUSTATION LIGHT AT JOINT	OB	OBSTRUCTION
EM	ENCRUSTATION MEDIUM	OBJ	OBSTRUCTION AT JOINT
EMJ	ENCRUSTATION MEDIUM AT JOINT	OJL	OPEN JOINT LARGE
ESH	SCALE HEAVY	OJM	OPEN JOINT MEDIUM
ESL	SCALE LIGHT	OJS	OPEN JOINT SMALL
ESM	SCALE MEDIUM	PB	PIPE BROKEN (BRICK)
FC	FRACTURES CIRCUMFERENTIAL	PC	LENGTH OF PIPE FORMING CHANGES
FCJ	FRACTURES CIRCUMFERENTIAL AT JOINT	PT	PLUGGED TEE
FH	FINISH OF SURVEY	REM	REMARKS
FL	FRACTURE LONGITUDINAL	RF	ROOTS FINE
FLJ	FRACTURE LONGITUDINAL AT JOINT	RFJ	ROOTS FINE AT JOINT
FM	FRACTURE MULTIPLE	RM	ROOT MASS
FMJ	FRACTURE MULTIPLE AT JOINT	RMJ	ROOT MASS AT JOINT
GO	GENERAL OBSERVATION	RS	REPAIRED SECTION
GP	GENERAL PHOTOGRAPH	RT	ROOTS TAP

7/13/15

We passed out cleaning / inspection notices to the Friendly Village area.

7/22/15

We filmed 8" VCP main from M/H @ 7189 Joseph Ct. to M/H BURIED @ Joseph Ct. / Diane Ave. Both of these M/H's need to be raised. The M/H @ Joseph Ct. / Diane Ave. also needs to be sealed. The connection at 46.7' changes from VCP to PVC at the ROW, and there is a rolled gasket at this point. We then filmed 8" VCP main UPSTREAM from M/H @ 7287 Donald Ave. to M/H BURIED @ 7300 Donald Ave. The BURIED M/H @ 7300 Donald Ave. has lots of debris in it too. We couldn't get a good look at it because of the debris, so there may be additional connections in this M/H that aren't seen on the video. The connection at 84.1' has a large root mass in it approx. 16.1' outside the main. We couldn't inspect it past that point. We then filmed 8" VCP main from M/H @ 7287 Donald Ave. to M/H BURIED @ 7275 Donald Ave. The BURIED M/H @ 7275 Donald Ave. also has lots of debris in it. The connection at 146.6' has infiltration seeping into it at the main. Also, it has a chunk of mortar in it approx. 9.5' outside the main. We couldn't inspect it past that point. We then filmed 8" VCP main UPSTREAM from M/H @ 7256 Donald Ave. to M/H BURIED @ 7275 Donald Ave. The main is broken at 86.1' and 138.5'. Both spots will need to be repaired via CIPP Pipe Patch. Videos and notes for today are associated with Granite XP Database 15A-07 and will be imported to Lucity.

7/23/15

We filmed 8" VCP main UPSTREAM from M/H @ Gerald Dr. / Donald Ave. to M/H @ 7256 Donald Ave. The M/H @ Gerald Dr. / Donald Ave. needs to be sealed. There were several bellies and infiltration seepers in this segment. The connection at 27.3' is broken approx. 6.7' outside the main. We then

filmed 10" VCP main UPSTREAM from M/H @ Gerald Dr. / Donald Ave. to a Dimension Change to the North. The connection at 57.3' is a hammer tap that is broken at the main. We then filmed 8" VCP main in Donald Ave. UPSTREAM from a New Dimension Change to M/H BURIED @ 7220 Donald Ave. The BURIED M/H @ 7220 Donald Ave. needs to be raised, sealed, and cleaned. We then filmed 8" VCP main UPSTREAM from M/H BURIED @ 7220 Donald Ave. to M/H BURIED @ 7193 Donald Ave. The connection at 12' has a large root mass in it approx. 25' outside the main. We couldn't inspect it past that point. The connection at 222.4' has two bellies in it approx. 21' and 50' outside the main. We then filmed 10" VCP main from M/H @ Gerald Dr. / Donald Ave. to M/H @ 5415 Gerald Dr. The joint at 2' has infiltration running into it and will need to be repaired via Pipe Patch. The connection at 65.7' has infiltration seeping into it at the main. The connection at 122' also has infiltration seeping into it at the main. We then filmed 10" VCP main from M/H @ 5415 Gerald Dr. to M/H @ Thomas Ave. / Gerald Dr. The connection at 34.8' has infiltration seeping into it at the main. There is a belly in the main at 112'. The connections at 151.5' and 153.1' are full of debris, so we couldn't inspect them. They may not be active. The connection at 36.8' has several seepers in it. We then filmed 10" VCP main from M/H @ Thomas Ave. / Gerald Dr. to M/H @ 5439 Gerald Dr. The joint at 2.5' is cracked and will need to be repaired via Pipe Patch. There are several bellies in this main. The connection at 131.5' has infiltration running into it approx. 22' outside the main. This is where it reduces from 6" to 4". We then filmed 10" VCP main from M/H @ 5439 Gerald Dr. to M/H @ Gerald Dr. / Julia Ave. There were several bellies in this main. The M/H @ Gerald Dr. / Julia Ave. needs to be sealed. The connection at 35.4' has infiltration gushing into it approx. 22' outside the main. This is where it reduces from 6" to 4". We then filmed 10" VCP main from M/H @ Gerald Dr. / Julia Ave. to the Package Plant. This main is broken at 24.7' and will need to be repaired via Pipe Patch. Videos and notes for today are associated with Granite XP Database 15A-07 and will be imported to Lucity. NOTE: We discovered that the Lift Station behind the Trailer Park dumps into the M/H @ 7300 Donald Ave.

7/24/15

We filmed 10" VCP main UPSTREAM from M/H @ Julia Ave. / Gerald Dr. to M/H BURIED @ 7231 Julia Ave. The M/H @ Julia Ave. / Gerald Dr. needs to be sealed. The M/H BURIED @ 7231 Julia Dr. needs to be raised and sealed. We then filmed 10" VCP main UPSTREAM from M/H BURIED @ 7231 Julia Ave. to M/H BURIED @ Julia Ave. / Diane Ave. Both of these M/H's need to be raised and sealed. Both of these pipe segments had infiltration seepers at several joints. We then filmed 8" VCP main UPSTREAM from M/H @ Gerald Dr. / Thomas Ave. to EOL 32.7' to the South. There aren't any laterals on this pipe segment. Videos and notes for today are associated with Granite XP Database 15A-07 and will be imported to Lucity.

ALT Pipe ID #10276 -- (M/H #10239 {4.83'} to M/H #10238)		
Issues	Priority	Street
Upstream M/H #10239 is exposed, but below grade. It needs to be raised.	2	Joseph Ct.
Downstream M/H #10238 is BURIED. It needs to be raised and sealed.	2	Joseph Ct.
The connection at 46.7' changes from VCP to PVC at the ROW. There is a rolled gasket at this point.	2	Joseph Ct.

ALT Pipe ID #10261 -- (M/H #10231 {4.25'} to M/H #10232 {4.17'})		
Issues	Priority	Street
Upstream M/H #10231 is BURIED. It needs to be raised and cleaned. There is lots of debris in it.	1	Donald Ave.
The force main from the trailer park dumps into Upstream M/H #10231.	?	Donald Ave.
The connection at 84.1' UPSTREAM has a large root mass in it approx. 16.1' outside the main. We couldn't inspect it past this point.	2	Donald Ave.

ALT Pipe ID #10262 -- (M/H #10232 {4.17'} to M/H #10233)		
Issues	Priority	Street
Downstream M/H #10233 is BURIED. It needs to be raised and cleaned.	1	Donald Ave.
The connection at 146.6' Downstream has infiltration seeping into it at the main. There is also a chunk of mortar in it approx. 9.5' inside it.	3	Donald Ave.

ALT Pipe ID #10263 -- (M/H #10233 to M/H #10234 {6.17'})		
Issues	Priority	Street
The main is broken at 86.1' and 138.5' UPSTREAM of M/H #10234. It needs to be repaired via Pipe Patch.	1	Donald Ave.
M/H #10233 is BURIED. It needs to be raised and cleaned.	1	Donald Ave.

ALT Pipe ID #10264 -- (M/H #10234 {6.17'} to M/H #10235 {7.58'})		
Issues	Priority	Street
M/H #10235 needs to be sealed.	3	Donald Ave.
There are several bellies and infiltration seepers in this pipe segment.	?	Donald Ave.
The connection at 27.3' UPSTREAM is broken approx. 6.7' outside the main. It will need to be repaired.	2	Donald Ave.

ALT Pipe ID #10265 -- (Dimension Change #10242 to M/H #10235 {7.58'})		
Issues	Priority	Street
The connection at 57.3' UPSTREAM is a hammer tap that is broken at the main. It will need to be repaired.	1	Donald Ave.

ALT Pipe ID #10266 -- (M/H #10236 to Dimension Change #10242)		
Issues	Priority	Street
M/H #10236 is BURIED. It needs to be raised, sealed, and cleaned.	1	Donald Ave.

ALT Pipe ID #10267 -- (M/H #10237 to M/H #10236)		
Issues	Priority	Street
M/H #10236 is BURIED. It needs to be raised, sealed, and cleaned.	1	Donald Ave.
M/H #10237 is BURIED. It needs to be raised.	2	Donald Ave.
The connection at 12' UPSTREAM has a large root mass in it approx. 25' outside the main. We couldn't inspect it past that point.	2	Donald Ave.
The connectoin at 222.4' UPSTREAM has bellies in it approx. 21' and 50' outside the main.	?	Donald Ave.

ALT Pipe ID #10268 -- (M/H #10235 {7.58'} to M/H #10243 {7.92'})		
Issues	Priority	Street
The joint at 2' Downstream has infiltration running in it. It needs to be repaired via Pipe Patch.	1	Gerald Dr.
The connections at 65.7' and 122' Downstream have infiltration seeping into them at the main. They need to be repaired.	3	Gerald Dr.

ALT Pipe ID #10269 -- (M/H #10243 {7.92'} to M/H #10244 {8.92'})		
Issues	Priority	Street
The connections at 34.8' and 36.8' Downstream have infiltration seeping into them. They need to be repaired.	3	Gerald Dr.
There is a belly in this main at 112' Downstream.	?	Gerald Dr.
The connections at 151.5' and 153.1' are full of debris, so we couldn't inspect them. They may not be active.	?	Gerald Dr.

ALT Pipe ID #10270 -- (M/H #10244 {8.92'} to M/H #10245 {8.75'})		
Issues	Priority	Street
The joint at 2.5' Downstream is cracked and will need to be repaired via Pipe Patch.	2	Gerald Dr.
There are several bellies in this main.	?	Gerald Dr.
The connection at 131.5' Downstream has infiltration running into it approx. 22' outside the main (reduces from 6" to 4"). It needs to be repaired.	2	Gerald Dr.

ALT Pipe ID #10271 -- (M/H #10245 {8.75'} to M/H #10246 {8.42'})		
Issues	Priority	Street
There were several bellies in this main.	?	Gerald Dr.
M/H #10246 needs to be sealed.	3	Gerald Dr.
The connection at 35.4' Downstream has infiltration gushing into it approx. 22' outside the main (reduces from 6" to 4"). It needs to be repaired.	1	Gerald Dr.

ALT Pipe ID #10272 -- (M/H #10246 {8.42'} to Package Plant #10247)		
Issues	Priority	Street
The main is broken at approx. 24.7' Downstream. It will need to be repaired via Pipe Patch.	1	Easement

ALT Pipe ID #10273 -- (M/H #10248 to M/H #10246 {8.42'})		
Issues	Priority	Street
M/H #10248 is BURIED. It needs to be raised and sealed.	2	Julia Ave.
There are infiltration seepers throughout this pipe segment.	?	Julia Ave.

ALT Pipe ID #10274 -- (M/H #10241 to M/H #10248)		
Issues	Priority	Street
Both of these M/H's are BURIED. They need to be raised and sealed.	2	Julia Ave.
There are infiltration seepers throughout this pipe segment.	?	Julia Ave.

ALT Pipe ID #10275 -- (EOL #10249 to M/H #10244 {8.92'})		
Issues	Priority	Street
There aren't any laterals on this pipe segment.	?	Thomas Ave.

We couldn't inspect pipes to the North or East of BURIED M/H #10241		
Issues	Priority	Street
ALT Pipe ID #10278, #10277, #10279, and #10280 couldn't be inspected.	?	Julia Ave. - Diane Ave.

Regional Water Resource Agency
 2101 Grimes Ave.
 Owensboro, KY 42303
 Phone: 270-687-8450
 Fax: 270-687-8454



Observations by Inspections

SITE DATA

Mainline ID: 10276	City: Owensboro	Address: Joseph Ct.			
Upstream node: 10239	Downstream node: 10238	Pipe type: 1	Pipe shape: 1	Pipe height: 8	Pipe width:

INSPECTION DATA

Scheduled date: 7/22/2015 12:23:52 PM	Start date/time: 7/22/2015 12:28:50 PM	End date/time: 7/22/2015 12:45:51 PM	
Surveyed footage: 188.3	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 1	Condition: 4	

Comments

We are filming 8" VCP main from M/H #10239 @ 7189 Joseph Ct. to M/H #10238 BURIED @ Joseph Ct. / Diane Ave.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	No				SWF		
0.0	No				MH		
0.0	No				CN		
0.0	No				CN		
0.0	No				CN		
0.0	No				CN		
44.7	No		9		SLI		
46.7	No		3		SLI		
132.4	No				WL		
163.0	No		12		CLJ		
163.0	No		12		ISJ		
169.3	No		7	5	ISJ		
181.3	No		7	5	ISJ		



OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
188.3	No				MH		
188.3	No				SI		

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 Owensboro, KY 42303
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Observations by Inspections

SITE DATA

Mainline ID: 10261	City: Owensboro	Address: Donald Ave.			
Upstream node: 10231	Downstream node: 10232	Pipe type: 1	Pipe shape: 1	Pipe height: 8	Pipe width:

INSPECTION DATA

Scheduled date: 7/22/2015 1:02:02 PM	Start date/time: 7/22/2015 1:03:11 PM	End date/time: 7/22/2015 1:16:42 PM	
Surveyed footage: 163.0	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 1	Condition: 4	

Comments

We are filming 8" VCP main UPSTREAM from M/H #10232 @ 7287 Donald Ave. to M/H #10231 BURIED @ 7300 Donald Ave.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	Yes				SAF		
0.0	Yes				MH		
0.0	Yes				CN		
0.0	Yes				CN		
73.2	Yes		9		SLI		
81.4	Yes		3		SLI		
129.9	Yes		7	5	ISJ		
142.3	Yes		7	5	ISJ		
148.2	Yes		7	5	IDJ		
163.0	Yes				CN		
163.0	Yes				CN		
163.0	Yes				MH		
163.0	Yes				SI		

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 Owensboro, KY 42303
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Observations by Inspections

SITE DATA

Mainline ID: 10262	City: Owensboro	Address: Donald Ave.			
Upstream node: 10232	Downstream node: 10233	Pipe type: 1	Pipe shape: 1	Pipe height: 8	Pipe width:

INSPECTION DATA

Scheduled date: 7/22/2015 1:20:18 PM	Start date/time: 7/22/2015 1:21:31 PM	End date/time: 7/22/2015 1:36:11 PM	
Surveyed footage: 161.5	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 1	Condition: 4	

Comments

We are filming 8" VCP main from M/H #10232 @ 7287 Donald Ave. to M/H #10233 BURIED @ 7275 Donald Ave.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	No				SWF		
0.0	No				MH		
0.0	No				CN		
0.0	No				CN		
15.0	No				WL		
64.0	No		9		SLI		
72.1	No		3		SLI		
145.6	No		7	5	ISJ		
146.6	No		3		SLI		
161.5	No				CN		
161.5	No				MH		
161.5	No				SI		

Regional Water Resource Agency
 2101 Grimes Ave.
 Owensboro, KY 42303
 Phone: 270-687-8450
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Observations by Inspections

SITE DATA

Mainline ID: 10263	City: Owensboro	Address: Donald Ave.			
Upstream node: 10233	Downstream node: 10234	Pipe type: 1	Pipe shape: 1	Pipe height: 8	Pipe width:

INSPECTION DATA

Scheduled date: 7/22/2015 1:41:17 PM	Start date/time: 7/22/2015 1:52:33 PM	End date/time: 7/22/2015 2:13:10 PM	
Surveyed footage: 174.3	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 1	Condition: 4	

Comments

We are filming 8" VCP main UPSTREAM from M/H #10234 @ 7256 Donald Ave. to M/H #10233 BURIED @ 7275 Donald Ave.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	Yes				SAF		
0.0	Yes				MH		
21.4	Yes		7	5	ISJ		
23.4	Yes		3		SLI		
42.0	Yes		7	5	ISJ		
55.6	Yes		9		SLI		
56.0	Yes		7	10	ISJ		
86.1	Yes		4	8	BJ		
100.2	Yes		3		SLI		
126.3	Yes		9		SLI		
138.5	Yes		4	8	BJ		
163.0	Yes		7	5	ISJ		
167.6	Yes				DES		



OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
174.3	Yes				CN		
174.3	Yes				MH		
174.3	Yes				SI		

Regional Water Resource Agency
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 Phone: 270-687-8450
 Fax: 270-687-8454



Observations by Inspections

SITE DATA

Mainline ID: 10264	City: Owensboro	Address: Donald Ave.			
Upstream node: 10234	Downstream node: 10235	Pipe type: 1	Pipe shape: 1	Pipe height: 8	Pipe width:

INSPECTION DATA

Scheduled date: 7/23/2015 8:14:12 AM	Start date/time: 7/23/2015 8:16:51 AM	End date/time: 7/23/2015 8:43:32 AM	
Surveyed footage: 176.7	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 3	Condition: 4	

Comments

We are filming 8" VCP main UPSTREAM from M/H #10235 @ Gerald Dr. / Donald Ave. to M/H #10234 @ 7256 Donald Ave.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	Yes				SAF		
0.0	Yes				MH		
8.0	Yes				WL		
13.3	Yes		7	5	IDJ		
27.3	Yes		9		SLI		
33.7	Yes		7	5	ISJ		
42.5	Yes				WL		
51.7	Yes		7	5	ISJ		
90.4	Yes		3		SLI		
98.4	Yes		9		SLI		
110.8	Yes		4	5	ISJ		
116.2	Yes				WL		
128.9	Yes		1	5	ISJ		



OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
140.9	Yes		7	5	ISJ		
146.9	Yes		7	5	ISJ		
166.7	Yes		9		SLI		
173.4	Yes				WL		
176.7	Yes				MH		
176.7	Yes				SI		

Regional Water Resource Agency
 2101 Grimes Ave.
 Owensboro, KY 42303
 Phone: 270-687-8450
 Fax: 270-687-8454



Observations by Inspections

SITE DATA

Mainline ID:	City:	Address:	
10265	Owensboro	Donald Ave.	
Upstream node:	Downstream node:	Pipe type:	Pipe shape: Pipe height: Pipe width:
10242	10235	1	1 10

INSPECTION DATA

Scheduled date:	Start date/time:	End date/time:
7/23/2015 8:46:58 AM	7/23/2015 8:48:05 AM	7/23/2015 9:31:27 AM
Surveyed footage:	Status:	Operator:
61.4	Stopped	Daniel Howe
Reason:	Weather:	Condition:
1	3	4

Work order no.:
15-001899

Comments

We are filming 10" VCP main UPSTREAM from M/H #10235 @ Gerald Dr. / Donald Ave. to the North to Dimension Change #10242.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	Yes				SAF		
0.0	Yes				MH		
31.8	Yes		1	5	ISJ		
43.9	Yes		7	5	ISJ		
57.3	Yes		12		SLI		
61.4	Yes		7	5	DC		
61.4	Yes				FH		
61.4	Yes				SI		

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Observations by Inspections

SITE DATA

Mainline ID: 10267	City: Owensboro	Address: Donald Ave.			
Upstream node: 10237	Downstream node: 10236	Pipe type: 1	Pipe shape: 1	Pipe height: 8	Pipe width:

INSPECTION DATA

Scheduled date: 7/23/2015 9:55:38 AM	Start date/time: 7/23/2015 9:56:26 AM	End date/time: 7/23/2015 10:37:28 AM	
Surveyed footage: 237.4	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 3	Condition: 4	

Comments

We are filming 8" VCP main UPSTREAM from M/H #10236 BURIED @ 7220 Donald Ave. to M/H #10237 BURIED @ 7193 Donald Ave.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	Yes				SAF		
0.0	Yes				MH		
12.2	Yes		9		SLI		
20.1	Yes		3		SLI		
95.0	Yes		3		SLI		
163.7	Yes		9		SLI		
165.6	Yes		3		SLI		
222.4	Yes		9		SLI		
224.6	Yes		3		SLI		
237.4	Yes				CN		
237.4	Yes				CN		
237.4	Yes				MH		
237.4	Yes				SI		

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Observations by Inspections

SITE DATA

Mainline ID: 10268	City: Owensboro	Address: Gerald Dr.			
Upstream node: 10235	Downstream node: 10243	Pipe type: 1	Pipe shape: 1	Pipe height: 10	Pipe width:

INSPECTION DATA

Scheduled date: 7/23/2015 10:55:15 AM	Start date/time: 7/23/2015 10:56:09 AM	End date/time: 7/23/2015 11:50:49 AM	
Surveyed footage: 163.5	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 3	Condition: 4	

Comments

We are filming 10" VCP main from M/H #10235 @ Gerald Dr. / Donald Ave. to M/H #10243 @ 5415 Gerald Dr.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	No				SWF		
0.0	No				MH		
2.0	No		7	5	IRJ		
65.7	No		3		SLI		
72.6	No		7	5	ISJ		
122.0	No		3		SLI		
124.0	No		9		SLI		
163.5	No				MH		
163.5	No				SI		

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Observations by Inspections

SITE DATA

Mainline ID:	City:	Address:	
10269	Owensboro	Gerald Dr.	
Upstream node:	Downstream node:	Pipe type:	Pipe shape:
10243	10244	1	1
		Pipe height:	Pipe width:
		10	

INSPECTION DATA

Scheduled date:	Start date/time:	End date/time:
7/23/2015 11:51:53 AM	7/23/2015 11:52:34 AM	7/23/2015 12:34:42 PM
Surveyed footage:	Status:	Operator:
167.4	Stopped	Daniel Howe
		Work order no.:
		15-001899
Reason:	Weather:	Condition:
1	3	4

Comments

We are filming 10" VCP main from M/H #10243 @ 5415 Gerald Dr. to M/H #10244 @ Thomas Ave. / Gerald Dr.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	No				SWF		
0.0	No				MH		
34.8	No		9		SLI		
36.8	No		3		SLI		
37.7	No		1	5	ISJ		
99.0	No		3		SLI		
100.9	No		9		SLI		
112.4	No				WL		
125.8	No				DES		
139.9	No				WL		
151.5	No		9		CN		
153.1	No		3		CN		
167.4	No				MH		

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OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
167.4	No				SI		

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Observations by Inspections

SITE DATA

Mainline ID: 10270	City: Owensboro	Address: Gerald Dr.			
Upstream node: 10244	Downstream node: 10245	Pipe type: 1	Pipe shape: 1	Pipe height: 10	Pipe width:

INSPECTION DATA

Scheduled date: 7/23/2015 12:40:49 PM	Start date/time: 7/23/2015 12:44:37 PM	End date/time: 7/23/2015 1:12:36 PM	
Surveyed footage: 162.8	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 3	Condition: 4	

Comments

We are filming 10" VCP main from M/H #10244 @ Thomas Ave. / Gerald Dr. to M/H #10245 @ 5439 Gerald Dr.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	No				SWF		
0.0	No				MH		
2.5	No		1	12	CC		
45.1	No				WL		
60.7	No		9		SLI		
62.9	No		3		SLI		
69.8	No		1	5	ISJ		
99.3	No				WL		
125.3	No				WL		
131.5	No		9		SLI		
133.7	No		3		SLI		
162.8	No				MH		
162.8	No				SI		

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Observations by Inspections

SITE DATA

Mainline ID: 10271	City: Owensboro	Address: Gerald Dr.			
Upstream node: 10245	Downstream node: 10246	Pipe type: 1	Pipe shape: 1	Pipe height: 10	Pipe width:

INSPECTION DATA

Scheduled date: 7/23/2015 1:14:31 PM	Start date/time: 7/23/2015 1:15:58 PM	End date/time: 7/23/2015 1:37:16 PM	
Surveyed footage: 168.1	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 3	Condition: 4	

Comments

We are filming 10" VCP main from M/H #10245 @ 5439 Gerald Dr. to M/H #10246 @ Gerald Dr. / Julia Ave.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	No				SWF		
0.0	No				MH		
1.7	No		7	9	ISJ		
33.1	No		9		SLI		
35.4	No		3		SLI		
83.4	No				WL		
103.7	No		9		SLI		
105.7	No		3		SLI		
146.6	No				WL		
168.1	No				MH		
168.1	No				SI		

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Observations by Inspections

SITE DATA

Mainline ID: 10272	City: Owensboro	Address: Julia Ave.			
Upstream node: 10246	Downstream node: 10247	Pipe type: 1	Pipe shape: 1	Pipe height: 10	Pipe width:

INSPECTION DATA

Scheduled date: 7/23/2015 1:38:11 PM	Start date/time: 7/23/2015 1:39:05 PM	End date/time: 7/23/2015 1:42:50 PM	
Surveyed footage: 28.0	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 3	Condition: 4	

Comments

We are filming 10" VCP main from M/H #10246 @ Gerald Dr. / Julia Ave. to the Package Plant #10247.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	No				SWF		
0.0	No				MH		
20.2	No		7	5	IDJ		
24.7	No		7	5	B		
24.7	No		7	5	IS		
28.0	No				MH		
28.0	No				SI		

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Observations by Inspections

SITE DATA

Mainline ID: 10273	City: Owensboro	Address: Julia Ave.			
Upstream node: 10248	Downstream node: 10246	Pipe type: 1	Pipe shape: 1	Pipe height: 10	Pipe width:

INSPECTION DATA

Scheduled date: 7/24/2015 7:51:55 AM	Start date/time: 7/24/2015 7:54:43 AM	End date/time: 7/24/2015 8:10:00 AM	
Surveyed footage: 164.8	Status: Stopped	Operator: Daniel Howe	Work order no.: 15-001899
Reason: 1	Weather: 1	Condition: 4	

Comments

We are filming 10" VCP main UPSTREAM from M/H #10246 @ Julia Ave. / Gerald Dr. to M/H #10248 BURIED @ 7231 Julia Ave.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	Yes				SAF		
0.0	Yes				MH		
8.0	Yes		2	5	ISJ		
13.5	Yes		7	9	ISJ		
38.1	Yes		3	5	ISJ		
54.1	Yes		12		ID		
56.1	Yes		7	10	ISJ		
63.9	Yes		9		SLI		
133.2	Yes		9		SLI		
145.5	Yes		7	8	ISJ		
157.5	Yes		7	5	ISJ		
157.5	Yes		7	5	CMJ		
164.8	Yes				MH		

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OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
164.8	Yes				SI		

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Observations by Inspections

SITE DATA

Mainline ID: 10274	City: Owensboro	Address: Julie Ave.
Upstream node: 10241	Downstream node: 10248	Pipe type: 1
		Pipe shape: 1
		Pipe height: 10
		Pipe width:

INSPECTION DATA

Scheduled date: 7/24/2015 8:11:10 AM	Start date/time: 7/24/2015 8:11:51 AM	End date/time: 7/24/2015 8:32:59 AM
Surveyed footage: 167.1	Status: Stopped	Operator: Daniel Howe
		Work order no.: 15-001899
Reason: 1	Weather: 1	Condition: 4

Comments

We are filming 10" VCP main UPSTREAM from M/H #10248 BURIED @ 7231 Julia Ave. to M/H #10241 BURIED @ Julia Ave. / Diane Ave.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	Yes				SAF		
0.0	Yes				MH		
19.4	Yes		9		CLJ		
19.4	Yes		9		ISJ		
39.7	Yes		9		SLI		
66.3	Yes		3		SLI		
97.1	Yes		7	5	ISJ		
103.2	Yes		4	5	ISJ		
111.0	Yes		9		SLI		
167.1	Yes				MH		
167.1	Yes				SI		

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 2101 Grimes Ave.
 Owensboro, KY 42303
 Phone: 270-687-8450
 Fax: 270-687-8454



Observations by Inspections

SITE DATA

Mainline ID:	City:	Address:			
10275	Owensboro	Thomas Ave.			
Upstream node:	Downstream node:	Pipe type:	Pipe shape:	Pipe height:	Pipe width:
10249	10244	1	1	8	

INSPECTION DATA

Scheduled date:	Start date/time:	End date/time:	
7/24/2015 9:06:06 AM	7/24/2015 9:07:03 AM	7/24/2015 9:08:12 AM	
Surveyed footage:	Status:	Operator:	Work order no.:
32.7	Stopped	Daniel Howe	15-001899
Reason:	Weather:	Condition:	
1	1	4	

Comments

We are filming 8" VCP main UPSTREAM from M/H #10244 @ Gerald Dr. / Thomas Ave. to EOL #10249 to the South.

OBSERVATIONS

Footage	Rev.	Length	Clock From	Clock To	Code	Modifiers/Severity	Rating
0.0	Yes				SAF		
0.0	Yes				MH		
8.0	Yes				DES		
32.7	Yes				FH		
32.7	Yes				SI		

Work Order Detail Report

8/28/2015

9:45 AM

WO Number: 15-001899

Category: Pipes

Status: Inspection Complete

Problem: Needs General Inspection

Status Date: 8/28/2015 9:35 AM

Main Task: Pipe Inspection

Asset: 10276 10239

Location:

Cause: Design
Assigned Crew: Camera Crew A
Supervisor: Galloway, Ronnie
Lead Worker: Howe, Daniel
Priority: High
Account #: 900.906.903-50100.021
Proj No - Acct:
Project:
Reason:

Assigned By:
Assigned Date:
Start Date: 7/2/2015
End Date: 8/28/2015 8:00 AM

Override
Notifications

- Problem
- Overdue
- Lead Worker
- Task
- Supervisor
- Hard Lock WO

Master Project ID:
Master Project Name:

Location
Department: 9007 - Operations
Division: 9006 - Field Operations
Sub-Division: 9006 - System Inspection
Area: 9006 - Inspection
Sub-Area:
Owner: RWRA
Location: Sanitary Sewer System
Classification:

Comments for Crew
Inspect pipes in Friendly Village area.

Work Order Detail Report

8/28/2015

9:45 AM

Work Order Assets							
Object Type	System ID 1	System ID 2	Description 1			Description 2	
			Odometer	Hourmeter	Othermeter	PM Description	Asset ID
Sewer Pipe	10276		10239			10238	13813 7/22/2015
Sewer Pipe	10261		10231			10232	13798 7/22/2015
Sewer Pipe	10262		10232			10233	13799 7/22/2015
Sewer Pipe	10263		10233			10234	13800 7/22/2015
Sewer Pipe	10264		10234			10235	13801 7/23/2015
Sewer Pipe	10265		10242			10235	13802 7/23/2015
Sewer Pipe	10266		10236			10242	13803 7/23/2015
Sewer Pipe	10267		10237			10236	13804 7/23/2015
Sewer Pipe	10268		10235			10243	13805 7/23/2015
Sewer Pipe	10269		10243			10244	13806 7/23/2015
Sewer Pipe	10270		10244			10245	13807 7/23/2015
Sewer Pipe	10271		10245			10246	13808 7/23/2015
Sewer Pipe	10272		10246			10247	13809 7/23/2015
Sewer Pipe	10273		10248			10246	13810 7/24/2015
Sewer Pipe	10274		10241			10248	13811 7/24/2015
Sewer Pipe	10275		10249			10244	13812 7/24/2015

Work Order Detail Report

8/28/2015

9:45 AM

Tasks/Resources						
1190 Hand Out Notices						
Crew: Camera Crew A						
Supervisor: Galloway, Ronnie	Status: UOM:	*Cal'c UC: \$0.00	*Task Cost: \$142.08	Start Dt: 7/13/2015	End Dt: 7/13/2015	
		# of Units: 0.00	*Unit Cost: \$0.00			
Employee						
Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
10564 Howe, Daniel	Hours	1.50	\$79.07		7/13/2015	7/13/2015
11628 Pate, Warren	Hours	1.50	\$44.52		7/13/2015	7/13/2015

Equipment						
Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
90-29 Pickup - System Inspection Supervisor	Hours	1.50	\$18.50		7/13/2015	7/13/2015

Task Comment: We passed out cleaning / inspection notices to the Friendly Village area.

Tasks/Resources						
1263 Pipe Inspection						
Crew: Camera Crew A						
Supervisor: Galloway, Ronnie	Status: UOM:	*Cal'c UC: \$254.52	*Task Cost: \$1,018.08	Start Dt: 7/22/2015	End Dt: 7/22/2015	
		# of Units: 4.00	*Unit Cost: \$0.00			
Employee						
Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
10564 Howe, Daniel	Hours	4.00	\$210.84		7/22/2015	7/22/2015
11156 Barnett, Emmett W	Hours	4.00	\$180.20		7/22/2015	7/22/2015
11489 Humphrey, Nathan	Hours	4.00	\$159.00		7/22/2015	7/22/2015

Equipment						
Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
90-46 TV Truck - Camera Crew A	Hours	4.00	\$199.80		7/22/2015	7/22/2015
90-28 Pickup - System Inspection Tool Truck	Hours	4.00	\$49.32		7/22/2015	7/22/2015
90-76 Jet Rodder - Cleaning Crews	Hours	4.00	\$218.92		7/22/2015	7/22/2015

Task Comment: We filmed 8" VCP main from M/H @ 7189 Joseph Ct. to M/H BURIED @ Joseph Ct. / Diane Ave. Both of these M/H's need to be raised. The M/H @ Joseph Ct. / Diane Ave. also needs to be sealed. The connection at 46.7' changes from VCP to PVC at the ROW, and there is a rolled gasket at this point. We then filmed 8" VCP main UPSTREAM from M/H @ 7287 Donald Ave. to M/H BURIED @ 7300 Donald Ave. The BURIED M/H @ 7300 Donald Ave. has lots of debris in it too. We couldn't get a good look at it because of the debris, so there may be additional connections in this M/H that aren't seen on the video. The connection at 84.1' has a large root mass in it approx. 16.1' outside the main. We couldn't inspect it past that point. We then filmed 8" VCP main from M/H @ 7287 Donald Ave. to M/H BURIED @ 7275 Donald Ave. The BURIED M/H @ 7275 Donald Ave. also has lots of debris in it. The connection at 146.6' has infiltration seeping into it at the main. Also, it has a chunk of mortar in it approx. 9.5' outside the main. We couldn't inspect it past that point. We then filmed 8" VCP main UPSTREAM from M/H @ 7256 Donald Ave. to M/H BURIED @ 7275 Donald Ave. The main is broken at 86.1' and 138.5'. Both spots will need to be repaired via CIPP Pipe Patch. Videos and notes for today are associated with Granite XP Database 15A-07 and will be imported to Lucy.

Tasks/Resources						
1263 Pipe Inspection						
Crew: Camera Crew A						
Supervisor: Galloway, Ronnie	Status: UOM:	*Cal'c UC: \$226.24	*Task Cost: \$2,036.16	Start Dt: 7/23/2015	End Dt: 7/23/2015	
		# of Units: 9.00	*Unit Cost: \$0.00			
Employee						
Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
10564 Howe, Daniel	Hours	8.00	\$421.68		7/23/2015	7/23/2015
11156 Barnett, Emmett W	Hours	8.00	\$360.40		7/23/2015	7/23/2015
11489 Humphrey, Nathan	Hours	8.00	\$318.00		7/23/2015	7/23/2015

Equipment						
Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
90-46 TV Truck - Camera Crew A	Hours	8.00	\$399.60		7/23/2015	7/23/2015
90-28 Pickup - System Inspection Tool Truck	Hours	8.00	\$98.64		7/23/2015	7/23/2015

* A 'Hidden' field indicates permission to view the secured field is turned off.

Work Order Detail Report

8/28/2015

9:45 AM

90-76 Jet Rodder - Cleaning Crews Hours 8.00 \$437.84 7/23/2015 7/23/2015

Task Comment: We filmed 8" VCP main UPSTREAM from M/H @ Gerald Dr. / Donald Ave. to M/H @ 7256 Donald Ave. The M/H @ Gerald Dr. / Donald Ave. needs to be sealed. There were several bellies and infiltration seepers in this segment. The connection at 27.3' is broken approx. 6.7' outside the main. We then filmed 10" VCP main UPSTREAM from M/H @ Gerald Dr. / Donald Ave. to a Dimension Change to the North. The connection at 57.3' is a hammer tap that is broken at the main. We then filmed 8" VCP main in Donald Ave. UPSTREAM from a New Dimension Change to M/H BURIED @ 7220 Donald Ave. The BURIED M/H @ 7220 Donald Ave. needs to be raised, sealed, and cleaned. We then filmed 8" VCP main UPSTREAM from M/H BURIED @ 7220 Donald Ave. to M/H BURIED @ 7193 Donald Ave. The connection at 12' has a large root mass in it approx. 25' outside the main. We couldn't inspect it past that point. The connection at 222.4' has two bellies in it approx. 21' and 50' outside the main. We then filmed 10" VCP main from M/H @ Gerald Dr. / Donald Ave. to M/H @ 5415 Gerald Dr. The joint at 2' has infiltration running into it and will need to be repaired via Pipe Patch. The connection at 65.7' has infiltration seeping into it at the main. The connection at 122' also has infiltration seeping into it at the main. We then filmed 10" VCP main from M/H @ 5415 Gerald Dr. to M/H @ Thomas Ave. / Gerald Dr. The connection at 34.8' has infiltration seeping into it at the main. There is a belly in the main at 112'. The connections at 151.5' and 153.1' are full of debris, so we couldn't inspect them. They may not be active. The connection at 36.8' has several seepers in it. We then filmed 10" VCP main from M/H @ Thomas Ave. / Gerald Dr. to M/H @ 5439 Gerald Dr. The joint at 2.5' is cracked and will need to be repaired via Pipe Patch. There are several bellies in this main. The connection at 131.5' has infiltration running into it approx. 22' outside the main. This is where it reduces from 6" to 4". We then filmed 10" VCP main from M/H @ 5439 Gerald Dr. to M/H @ Gerald Dr. / Julia Ave. There were several bellies in this main. The M/H @ Gerald Dr. / Julia Ave. needs to be sealed. The connection at 35.4' has infiltration gushing into it approx. 22' outside the main. This is where it reduces from 6" to 4". We then filmed 10" VCP main from M/H @ Gerald Dr. / Julia Ave. to the Package Plant. This main is broken at 24.7' and will need to be repaired via Pipe Patch. Videos and notes for today are associated with Granite XP Database 15A-07 and will be imported to Lucy. NOTE: We discovered that the Lift Station behind the Trailer Park dumps into the M/H @ 7300 Donald Ave.

1263 Pipe Inspection

Crew: Camera Crew A Status: *Cal'c UC: \$212.10 *Task Cost: \$636.30 Start Dt: 7/24/2015
 Supervisor: Galloway, Ronnie UOM: # of Units: 3.00 *Unit Cost: \$0.00 End Dt: 7/24/2015

Employee		UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
Resource							
10564 Howe, Daniel	Hours	2.50	\$131.78			7/24/2015	7/24/2015
11156 Barnett, Emmett W	Hours	2.50	\$112.63			7/24/2015	7/24/2015
11489 Humphrey, Nathan	Hours	2.50	\$99.38			7/24/2015	7/24/2015

Equipment

Equipment		UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
Resource							
90-46 TV Truck - Camera Crew A	Hours	2.50	\$124.88			7/24/2015	7/24/2015
90-28 Pickup - System Inspection Tool Truck	Hours	2.50	\$30.83			7/24/2015	7/24/2015
90-76 Jet Rodder - Cleaning Crews	Hours	2.50	\$136.83			7/24/2015	7/24/2015

Task Comment: We filmed 10" VCP main UPSTREAM from M/H @ Julia Ave. / Gerald Dr. to M/H BURIED @ 7231 Julia Ave. The M/H @ Julia Ave. / Gerald Dr. needs to be sealed. The M/H BURIED @ 7231 Julia Dr. needs to be raised and sealed. We then filmed 10" VCP main UPSTREAM from M/H BURIED @ 7231 Julia Ave. to M/H BURIED @ Julia Ave. / Diane Ave. Both of these M/H's need to be raised and sealed. Both of these pipe segments had infiltration seepers at several joints. We then filmed 8" VCP main UPSTREAM from M/H @ Gerald Dr. / Thomas Ave. to EOL 32.7' to the South. There aren't any laterals on this pipe segment. Videos and notes for today are associated with Granite XP Database 15A-07 and will be imported to Lucy.

1401 Job Planning

Crew: Camera Crew A Status: *Cal'c UC: \$0.00 *Task Cost: \$105.42 Start Dt: 7/27/2015
 Supervisor: Galloway, Ronnie UOM: # of Units: 0.00 *Unit Cost: \$0.00 End Dt: 7/27/2015

Employee		UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
Resource							
10564 Howe, Daniel	Hours	2.00	\$105.42			7/27/2015	7/27/2015

Task Comment: Worked on Granite XP lateral files, created maps, printed notes, built Excel spreadsheet for problems found, and reviewed videos for Friendly Village.

Work Order Detail Report

8/28/2015

9:45 AM

1344 Job Inspection
Crew: Camera Crew A
Supervisor: Galloway, Ronnie
Status:
UOM:
***Cal'c UC:** \$0.00
of Units: 0.00
***Task Cost:** \$9.53
***Unit Cost:** \$0.00
Start Dt: 7/2/2015
End Dt: 7/2/2015

Employee

Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
10564 Howe, Daniel	Hours	0.00	\$0.00		7/2/2015	7/2/2015
11628 Pate, Warren	Hours	0.00	\$0.00		7/2/2015	7/2/2015
10540 Brown, David	Hours	0.00	\$0.00		7/2/2015	7/2/2015

Equipment

Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
90-46 TV Truck - Camera Crew A	Hours	0.00	\$0.00		7/2/2015	7/2/2015
90-29 Pickup - System Inspection Supervisor	Hours	0.00	\$0.00		7/2/2015	7/2/2015
90-39 Jet Rodder - Cleaning Crews	Hours	0.00	\$0.00		7/2/2015	7/2/2015

Contractor

Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
550 amazon.com	Each	1.00	\$9.53	Tech supplies - Jul	7/2/2015	7/2/2015

1401 Job Planning
Crew: Camera Crew A
Supervisor: Galloway, Ronnie
Status:
UOM:
***Cal'c UC:** \$0.00
of Units: 0.00
***Task Cost:** \$158.13
***Unit Cost:** \$0.00
Start Dt: 8/27/2015
End Dt: 8/27/2015

Employee

Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
10564 Howe, Daniel	Hours	3.00	\$158.13		8/27/2015	8/27/2015

Task Comment: Organized all information for Friendly Village.

1401 Job Planning
Crew: Camera Crew A
Supervisor: Galloway, Ronnie
Status:
UOM:
***Cal'c UC:** \$0.00
of Units: 0.00
***Task Cost:** \$52.71
***Unit Cost:** \$0.00
Start Dt: 8/28/2015
End Dt: 8/28/2015

Employee

Resource	UOM	Units	*Total Cost	Alt Description	Start Dt	End Dt
10564 Howe, Daniel	Hours	1.00	\$52.71		8/28/2015	8/28/2015

Task Comment: Transferred all Friendly Village information to a thumb drive.

Projected Complete: 8/28/2015 8:00 AM **Lock:**
Repair Type:
Subcontractor:
Profit Center:

Quantity: 0.00 **Lock:**
Unit of Measure:
***Unit Cost:** \$0.00
WO Hours: 0.00

	*Actual	*Estimated	*Difference
WO Duration	59.33	0.00	0.00
Labor Hours	52.50	0.00	0.00
Labor Costs	\$2,433.74	\$0.00	\$0.00
Material Costs	0.00	0.00	0.00
Fluids Costs	0.00	0.00	0.00
Equipment Costs	1,715.14	0.00	0.00
Contractor Costs	9.53	0.00	0.00
Misc. Costs	0.00	0.00	0.00
Total Costs	\$4,158.41	\$0.00	\$0.00
Use Task Info:	True	True	

* A 'Hidden' field indicates permission to view the secured field is turned off.

Work Order Detail Report

8/28/2015

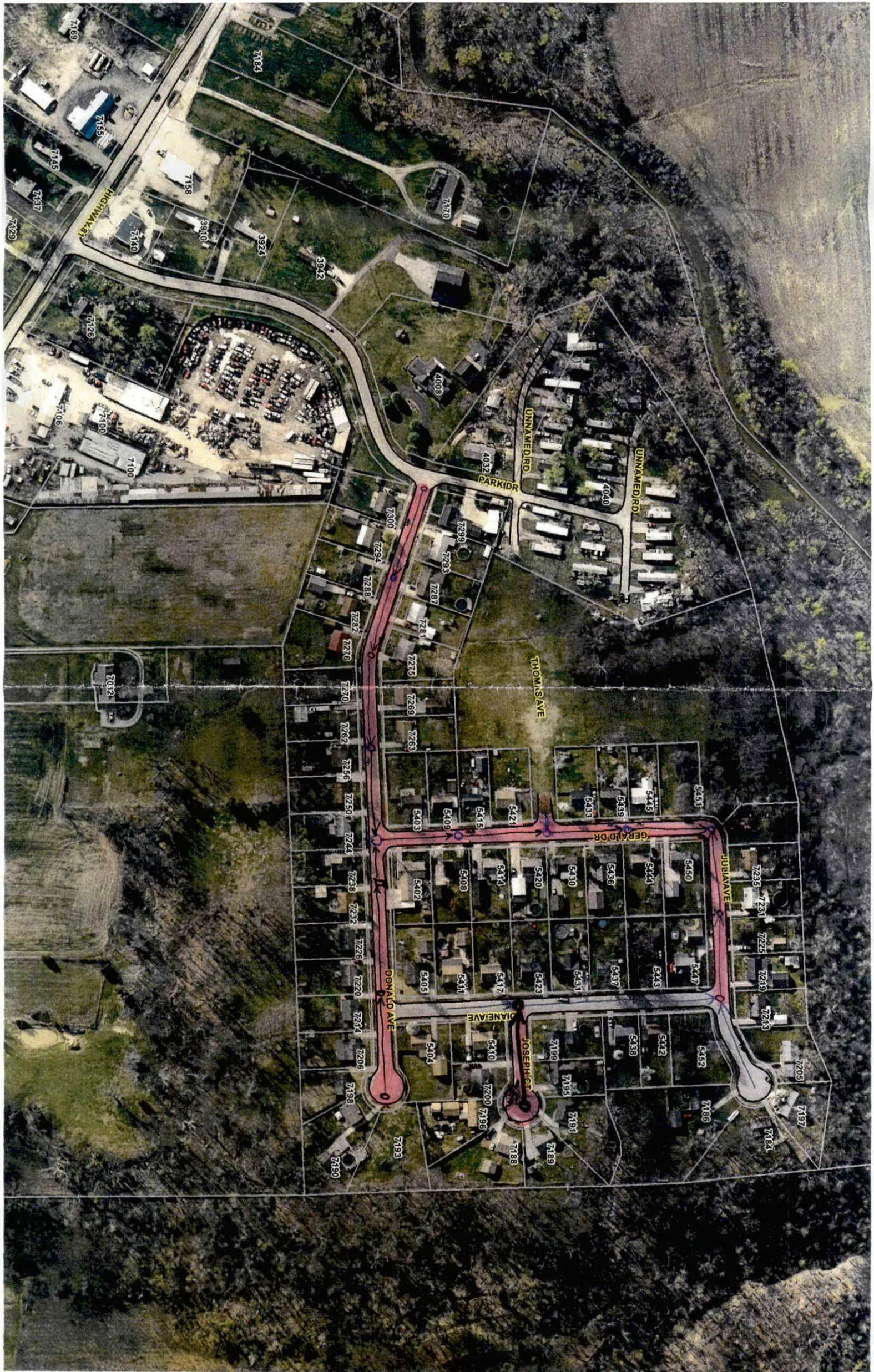
9:45 AM

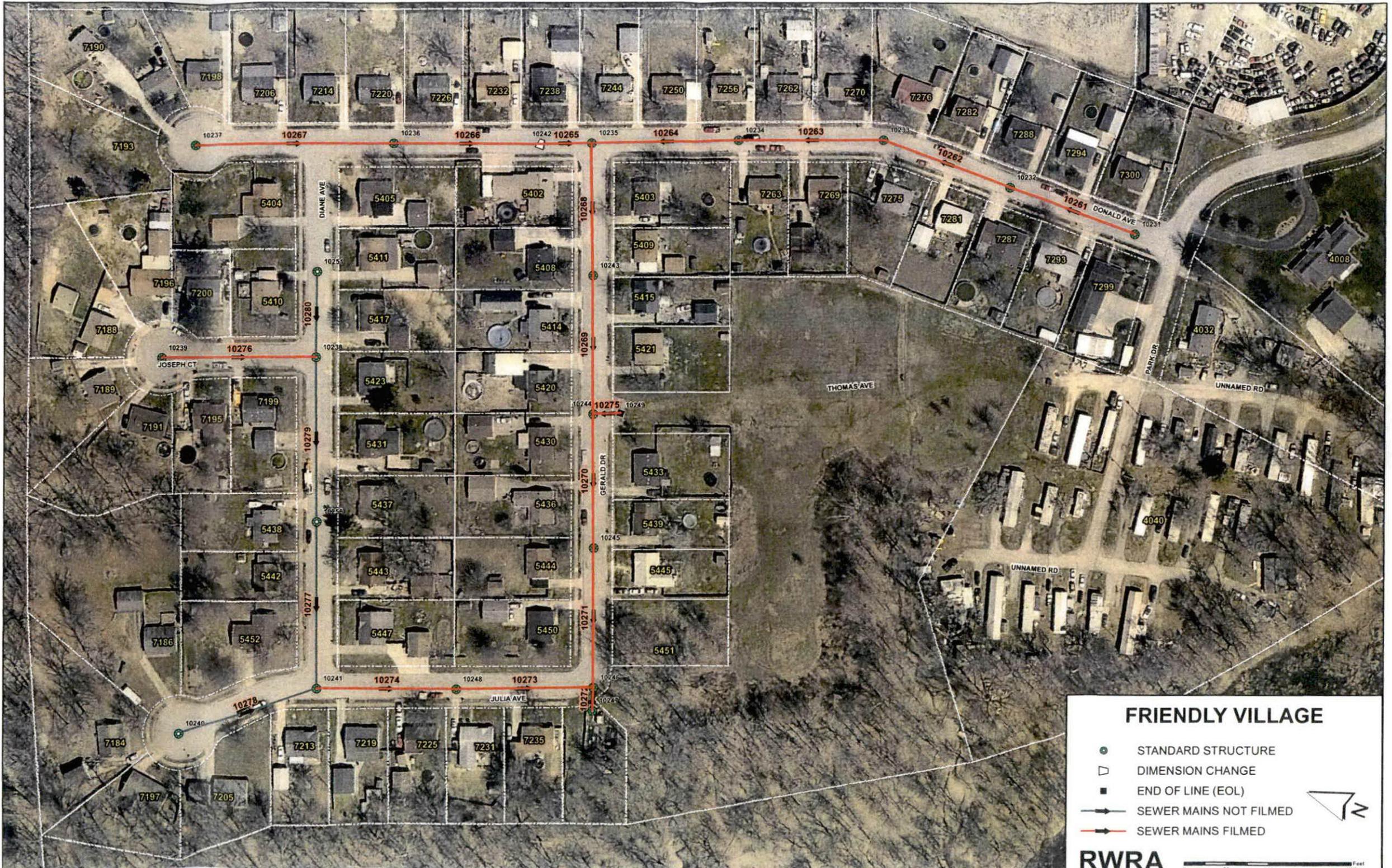
Billed Party		Billing	
Customer ID:	Daviess County	Customer Number:	
Customer Name:	Mark	Last Name:	Brasher
Address:		Phone:	Cell #:
City:		Fax #:	
State:		E-mail:	
Zip:			

Billing Data		
Contact Name:	*Billing Amount:	Billing Required: <input checked="" type="checkbox"/>
Invoice Number:	Date Bill Sent:	Billing Processed: <input type="checkbox"/>
Incoming Account #:	Payment Received:	Imported to Financials: <input type="checkbox"/>
	Payment Method:	

Item	Description	By	Date	Time
Work Order Creation		Ronnie Galloway	7/13/2015	1:18 PM
Status Change	from WO On Hold to In Progress	Daniel Howe	7/22/2015	2:57 PM
Crew Change	from to Camera Crew A	Daniel Howe	7/22/2015	2:57 PM
Problem Change	from to Needs General Inspection	Daniel Howe	7/22/2015	2:57 PM
Status Change	from In Progress to Inspection Complete	Daniel Howe	8/28/2015	9:35 AM

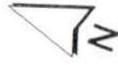
Sector Type:	Units:	Road Closing Sent:	<input type="checkbox"/>
Sector #:	Project Budget Total:	Dirt?:	<input type="checkbox"/>
IM Site:	User 13:	Asphalt?:	<input type="checkbox"/>
Repair Method:	WO User 23:	Concrete?:	<input type="checkbox"/>
WO User 17:	WO User 24:	Tasks updated:	<input type="checkbox"/>
WO User 18:	AR Date:	WO User 28:	<input type="checkbox"/>
WO User 19:	User 10:	CSR2014-2:	<input type="checkbox"/>
WO User 20:	User 11:	Project Reconciled:	<input type="checkbox"/>
WO User 21:	Asset Tag Date:		
WO User 50:			
WO User 51:	Project Asset #:		
WO User 5:	WO User 22:		
SCADA ID:			
WO User 31:	WO User 42:		
WO User 32:	WO User 43:		
WO User 33:	WO User 44:		
WO User 34:	WO User 45:		
WO User 35:	WO User 46:		
WO User 36:			
WO User 37:			
WO User 38:			
WO User 39:	WO User 47:		
WO User 40:	WO User 48:		
WO User 41:			
WO Creator: Ronnie Galloway	WO Creation Date: 7/13/2015	PM Trigger:	Rec #: 33,027





FRIENDLY VILLAGE

- STANDARD STRUCTURE
- ▢ DIMENSION CHANGE
- END OF LINE (EOL)
- SEWER MAINS NOT FILMED
- SEWER MAINS FILMED



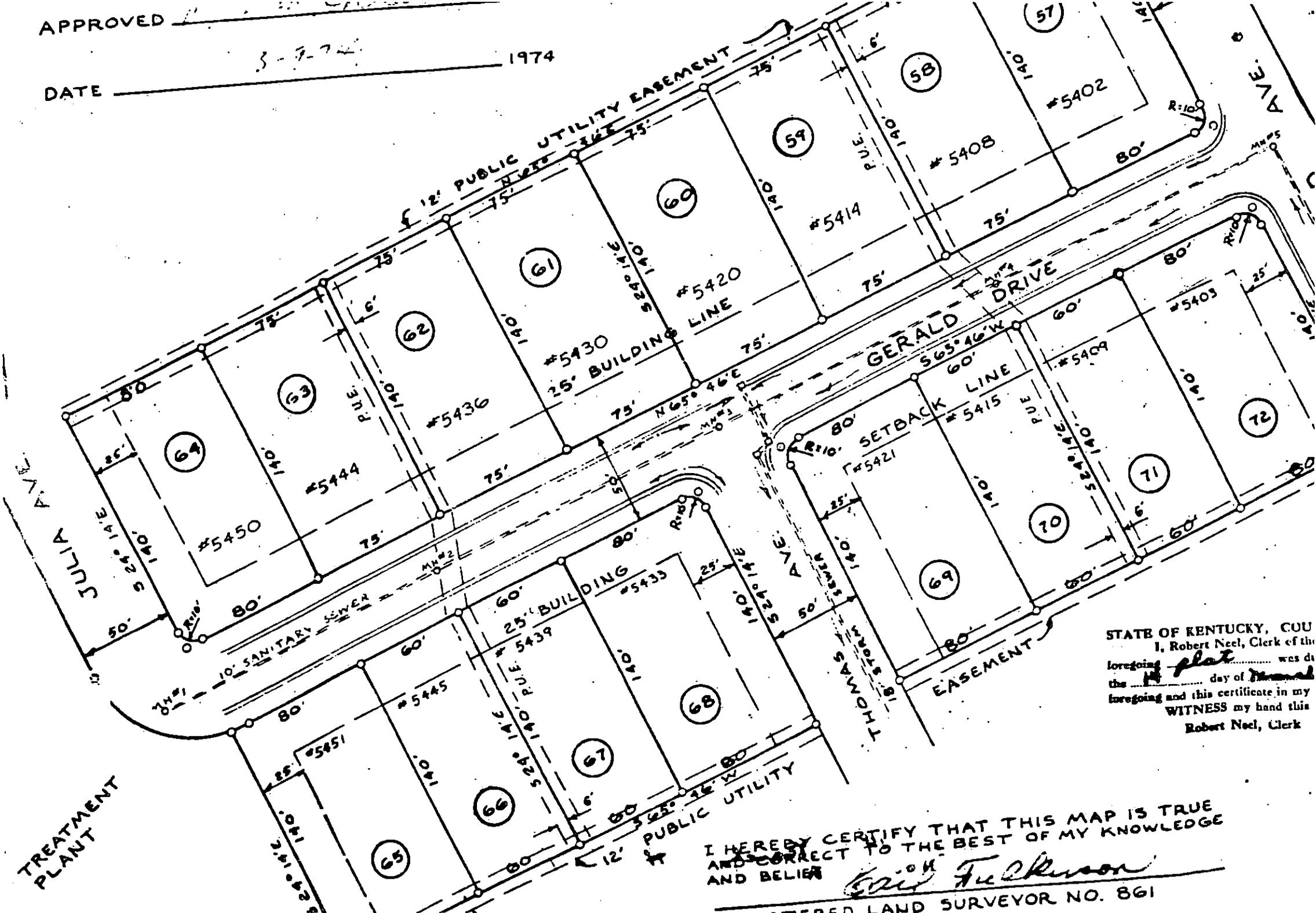


APPROVED

DATE

3-7-74

1974



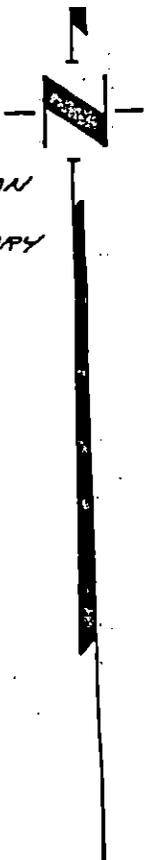
STATE OF KENTUCKY, COU
 I, Robert Neel, Clerk of the
 foregoing plat was at
 the 14 day of March
 foregoing and this certificate in my
 WITNESS my hand this
 Robert Neel, Clerk

I HEREBY CERTIFY THAT THIS MAP IS TRUE
 AND CORRECT TO THE BEST OF MY KNOWLEDGE
 AND BELIEVE
Eric H. Fullerton
 SURVEYOR LAND SURVEYOR NO. 861

TREATMENT
 PLANT

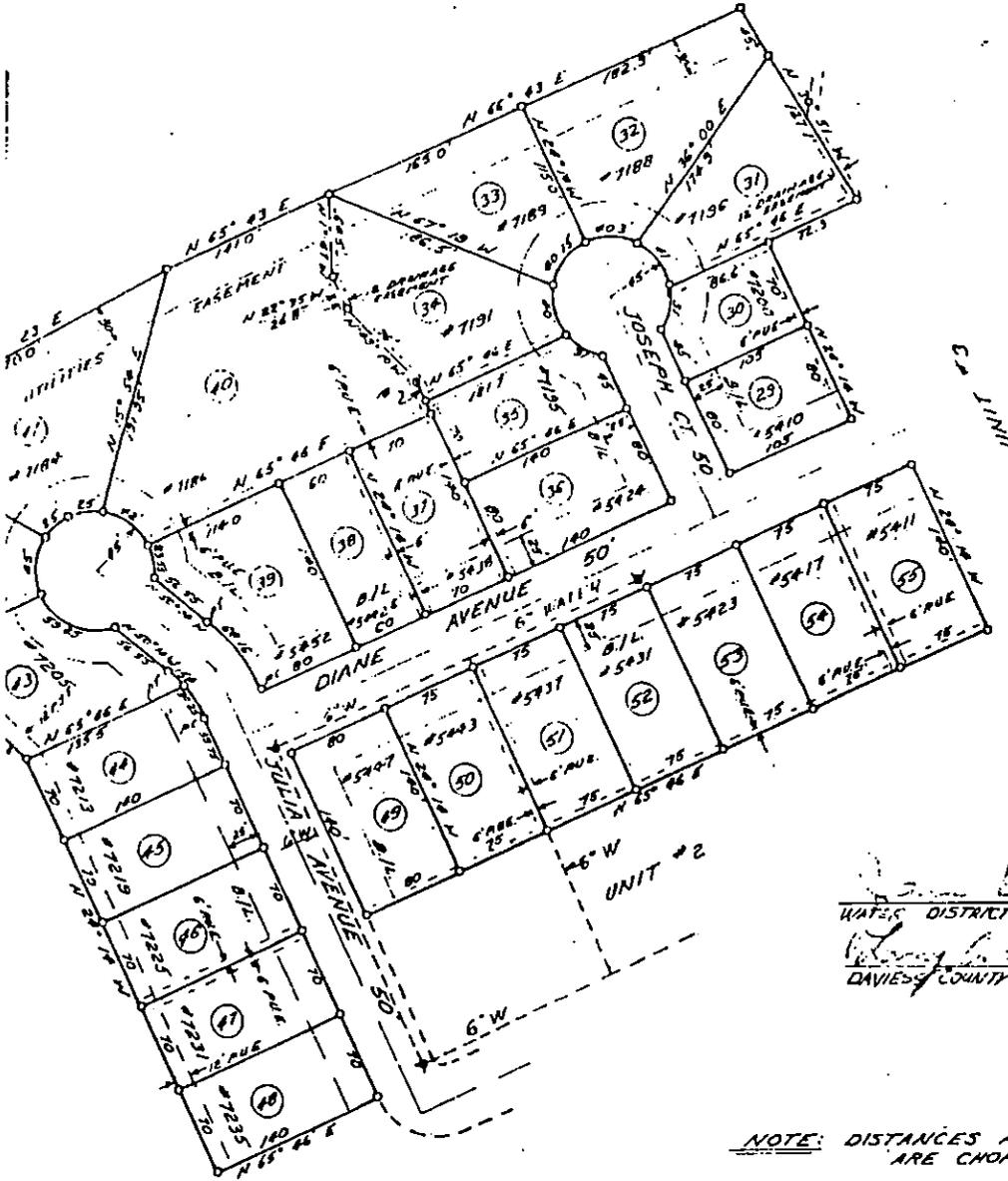
UNIT # 4
 PLANNING & ZONING COMMISSION
 FRIENDLY PARK SUBD.
 LOTS # 29-38 + 50-55

UNIT # 5
 PLANNING & ZONING COMMISSION
 FRIENDLY PARK SUBD.
 LOTS # 39-49



VED _____ CHAIRMAN
 ED _____ SECRETARY
 TE _____ 1974

APPROVED _____ CHAIRMAN
 APPROVED Robert Horkina SECRETARY
 DATE 6-28-76 1976



Earl Fulerson
 WATER DISTRICT SUPERINTENDENT
Clarence Howard 3-22-76
 DAVIESS COUNTY FIRE CHIEF

STATE OF KENTUCKY, COUNTY OF DAVIESS, ss
 I, Robert Noel, Clerk of said county and state aforesaid do certify that the
 foregoing Plat was duly filed as required in law at 10:45 o'clock AM, on
 the 2 day of July, 1976 and that I have recorded the same together with the
 foregoing and this certificate in my said office.
 WITNESS my hand this 2 day of July, 1976
 Robert Noel, Clerk By Clarence Howard CLO.

"We, the undersigned Earl Fulerson
 Owners of the real estate shown and described hereon,
 do hereby certify that we have laid off, platted and
 subdivided, and do hereby lay-off, plat and subdivide,
 said real estate in accordance with the within plat.
 All streets, alleys and public easements shown and not
 heretofore dedicated, are hereby dedicated to the public.

Earl Fulerson
 PLATTED LAND SURVEYOR NO. 861
 I HEREBY CERTIFY THAT THIS MAP
 IS TRUE AND CORRECT TO THE BEST
 OF MY KNOWLEDGE AND BELIEF.

A. R. HANMILLER & SON		EARL FULERSON - OWNER
OWENSBORO		KENTUCKY
FRIENDLY PARK SUBDIVISION		
UNIT NO. 5 LOTS # 39-49		
JOE BLANDFORD - DEVELOPER		
NEAR MOSLEYVILLE		
DAVIESS COUNTY KENTUCKY		
DATE: JULY, 1976	DWC. NO.	
SCALE 1"=100'	4-B-83	