

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto1

Photo 1 Direction:

Photo 2 Direction:

Comments:

Observation Location:

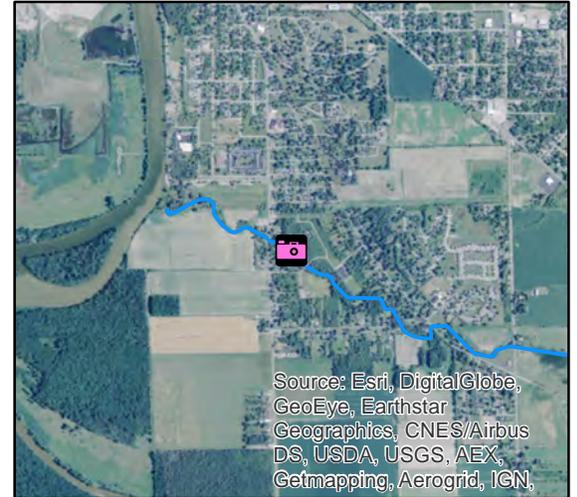


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto2

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo 1 facing downstream. Photo 2 facing upstream.

Observation Location:

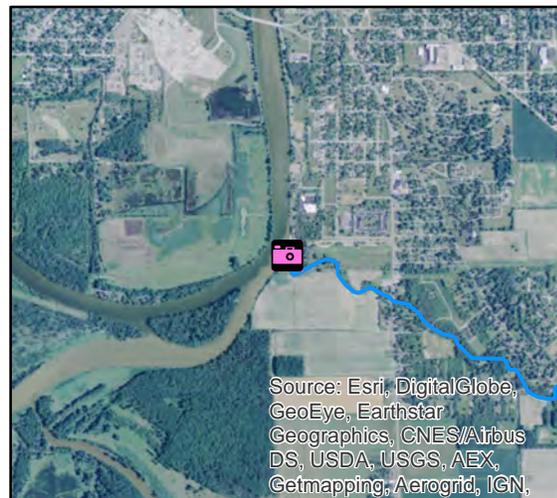


Photo 1



Photo 2



Photo 3

Photo 4

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				SCALE:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto3

Photo 1 Direction: Southwest

Photo 2 Direction:

Comments:

Observation Location:

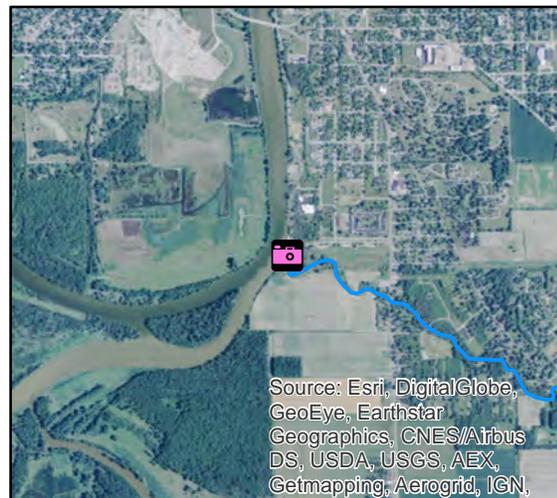


Photo 1



Photo 3

Photo 2

Photo 4

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				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto4

Photo 1 Direction:

Photo 2 Direction:

Comments:

General condition photo from bridge. Photo 1 upstream. Photo 2 downstream.

Observation Location:

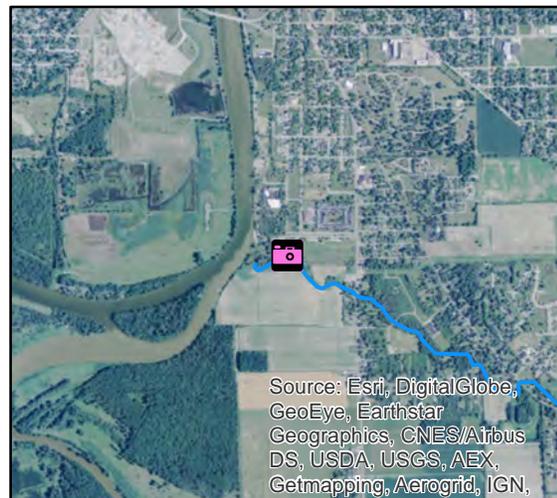


Photo 1



Photo 2



Photo 3

Photo 4

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				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto5

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Lots of trash on left side of drain at top of bank.

Observation Location:

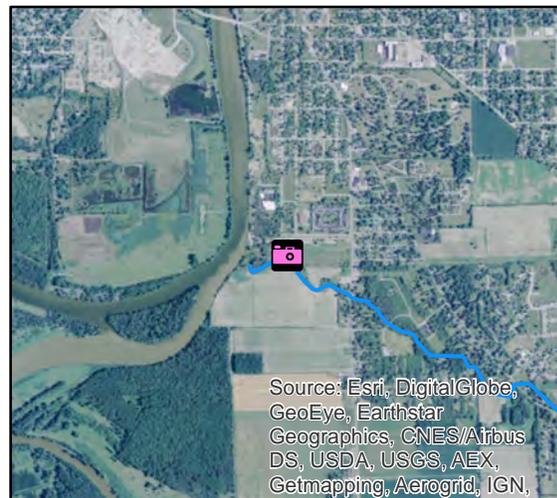


Photo 1



Photo 2

Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto6

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Debris in drain due to low flow.

Observation Location:

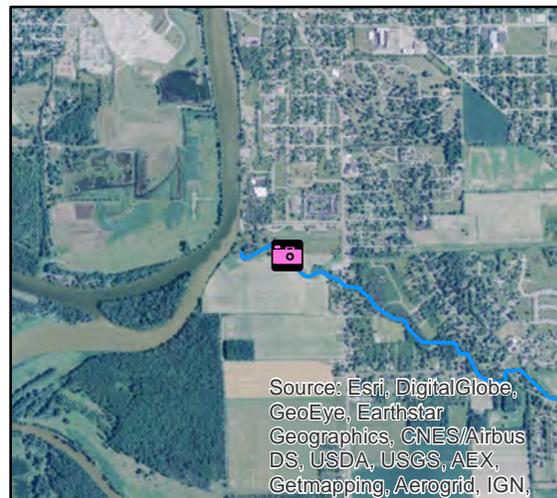


Photo 1

Photo 2

Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto7

Photo 1 Direction: Northeast

Photo 2 Direction:

Comments:

Possible tile marker, sinkhole between marker and position

Observation Location:

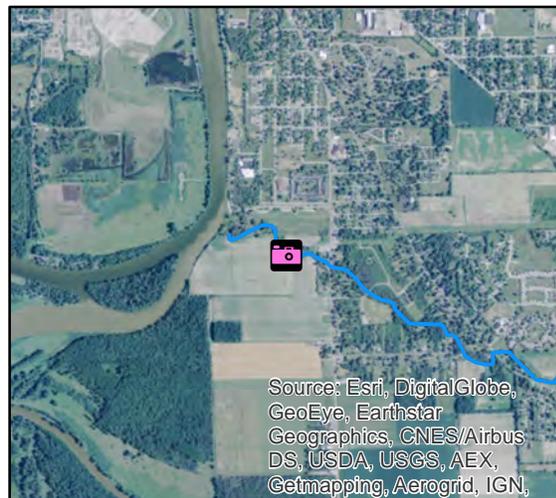


Photo 1

Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto8

Photo 1 Direction: North

Photo 2 Direction:

Comments:

Seems like a field tile marker, but field tile outlet not visible.

Observation Location:

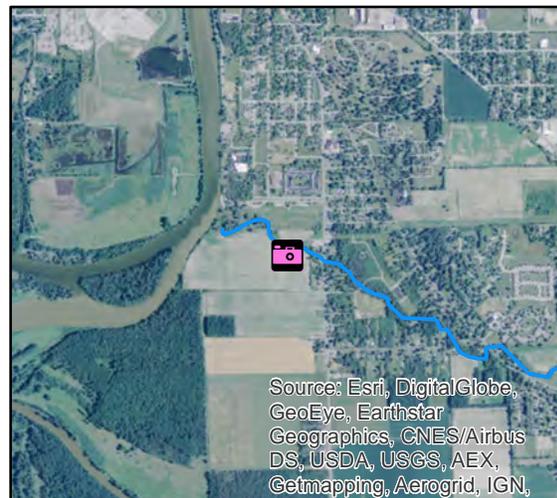


Photo 1



Photo 2

Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto9

Photo 1 Direction:

Photo 2 Direction:

Comments:

On M13. Photo 1 taken facing east. Photo 2 taken facing west.

Observation Location:

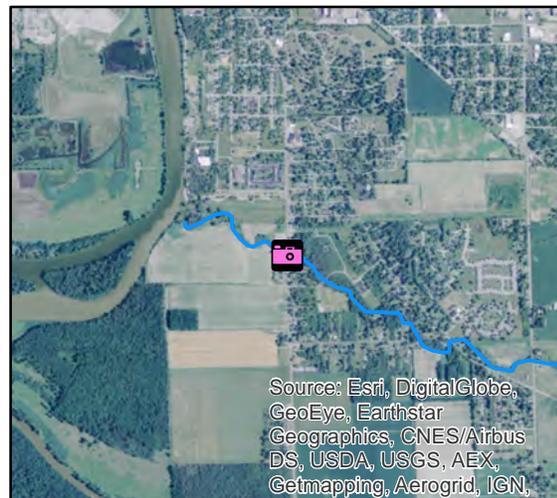


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto10

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 facing upstream. Photo2 facing downstream. Width of channel increases downstream of side drain. Approx 15 ft to approx 30 ft.

Observation Location:

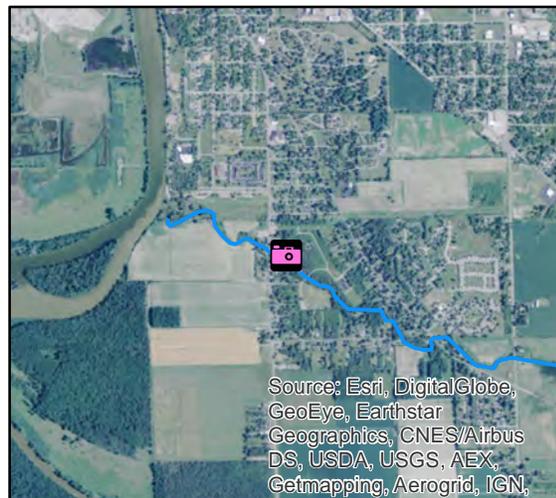


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto11

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo 1 upstream. Photo 2 downstream. Taken on crossing.

Observation Location:

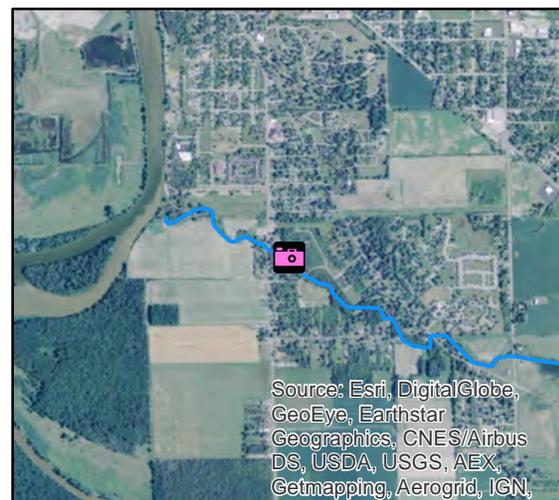


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto12

Photo 1 Direction: Southwest

Photo 2 Direction:

Comments:

Fence at top of bank runs along the drain on right side for 80 ft. Photo1 facing southwest. Photo 2 facing southeast. Two fences.

Observation Location:

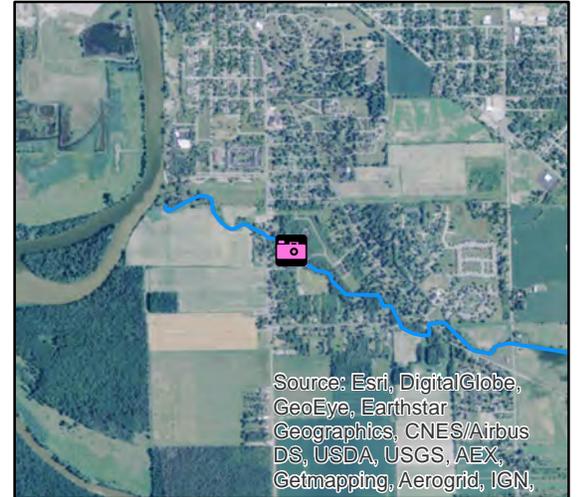


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto13

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 upstream. Photo2 downstream. Taken at banner rd culvert crossing.

Observation Location:

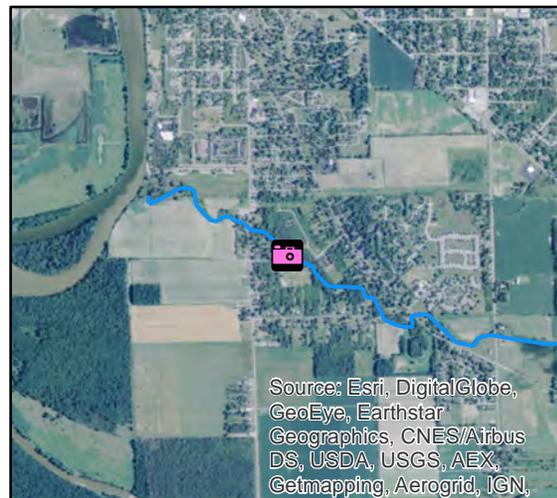


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto14

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Facing upstream. Access path on left side of drain over next 650 ft.

Observation Location:

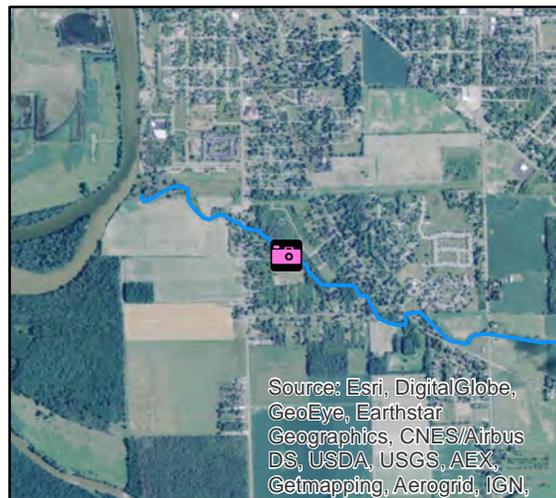


Photo 1



Photo 2

Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto15

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 upstream. Photo2 downstream. Access path continues on left side of drain. On north side of drain. Next 300 ft.

Observation Location:

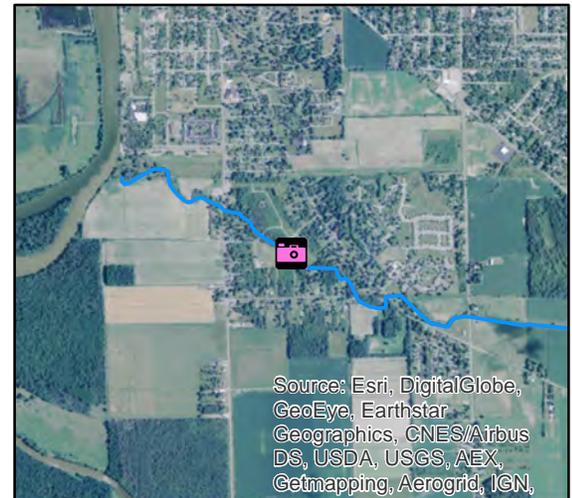


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto16

Photo 1 Direction:

Photo 2 Direction:

Comments:

End of clearly defined access path next to drain. Photo1 upstream.
Photo2 downstream.

Observation Location:

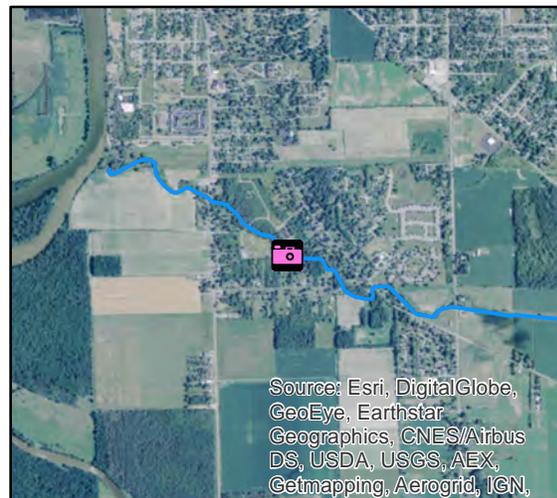


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto17

Photo 1 Direction:

Photo 2 Direction:

Comments:

Would you consider this bank erosion ?

Observation Location:

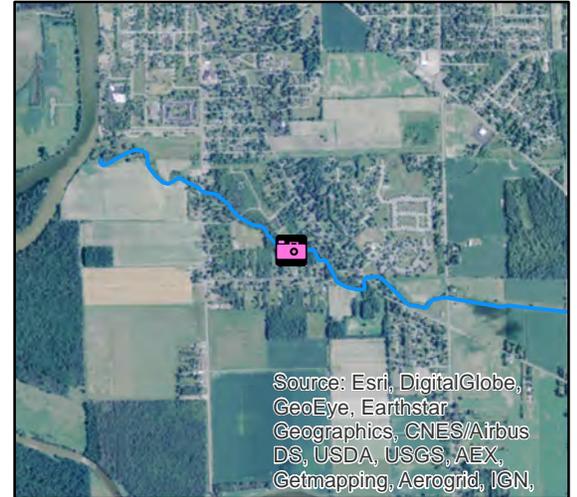


Photo 1



Photo 2

Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto18

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 upstream. Photo2 downstream. Crossing at Casey dr.

Observation Location:

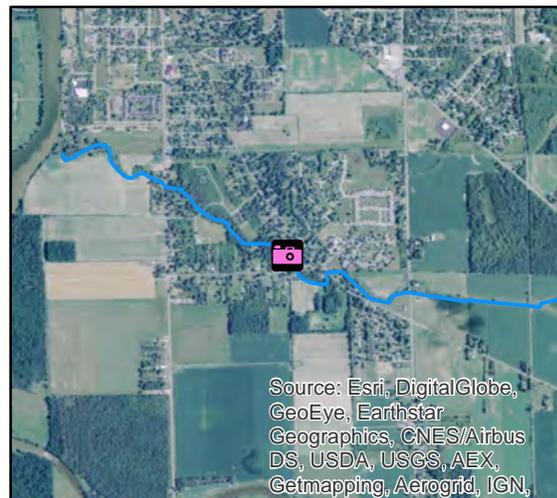


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto19

Photo 1 Direction: East

Photo 2 Direction:

Comments:

Fence at top of bank, about 20 ft east of drain. Approx 80 ft long. Photo facing east.

Observation Location:

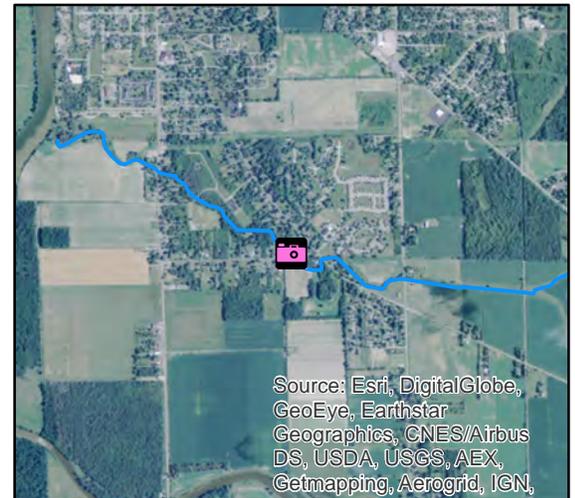


Photo 1



Photo 2

Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto20

Photo 1 Direction:

Photo 2 Direction:

Comments:

Significant change in channel width. 6 ft upstream. 12 ft downstream.
 Photo1 upstream. Photo2 downstream.

Observation Location:

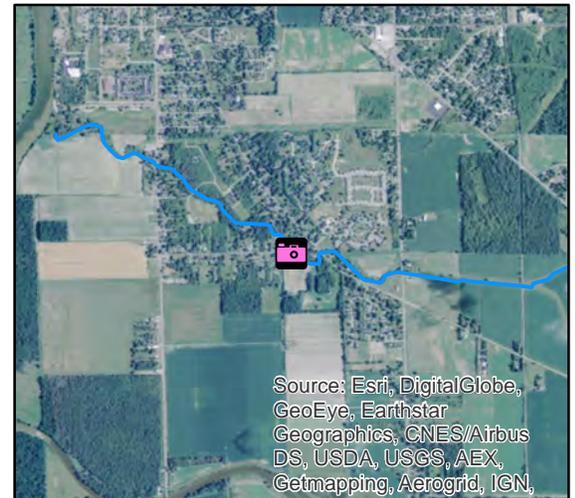


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto21

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 upstream. Photo2 downstream. From culvert crossing.

Observation Location:

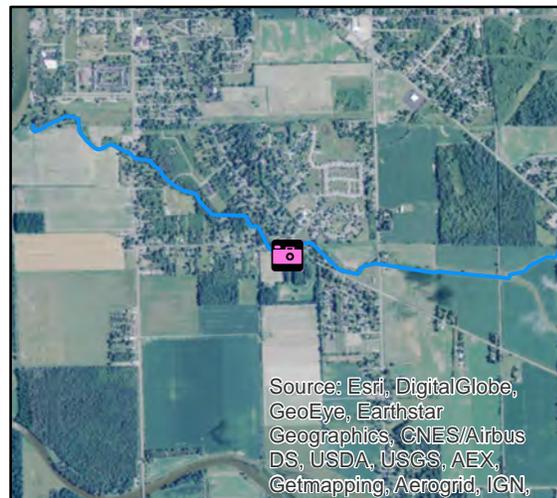


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto22

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 facing southeast. Photo2 facing upstream. Photo3 facing downstream.

Observation Location:

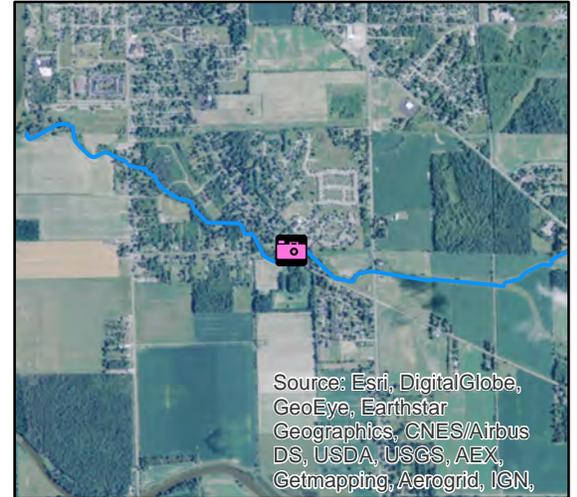


Photo 1



Photo 2



Photo 3



Photo 4



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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto23

Photo 1 Direction: North

Photo 2 Direction:

Comments:

Fence at top of bank on left side of drain up to Washington rd. Photo facing north.

Observation Location:

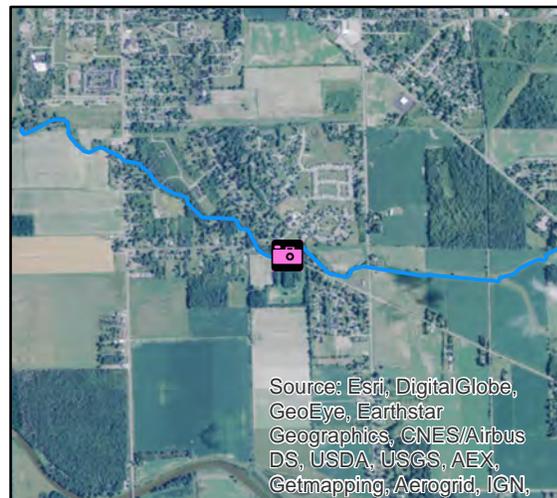


Photo 1



Photo 2

Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto24

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 upstream. Photo2 downstream through culvert under Washington rd. Debris and sediment inside culvert.

Observation Location:

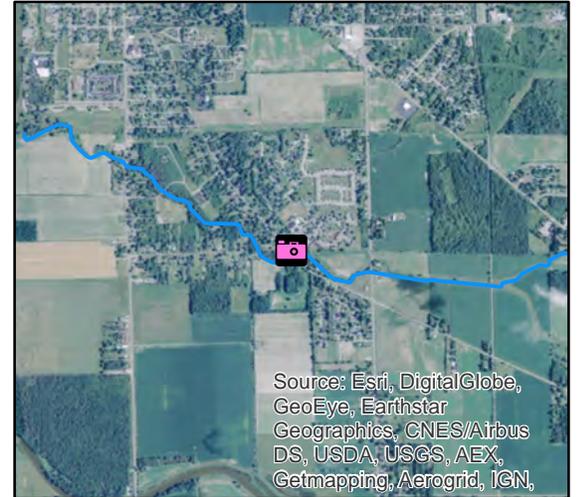


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto25

Photo 1 Direction:

Photo 2 Direction:

Comments:

Exposed re steel at head walls.

Observation Location:

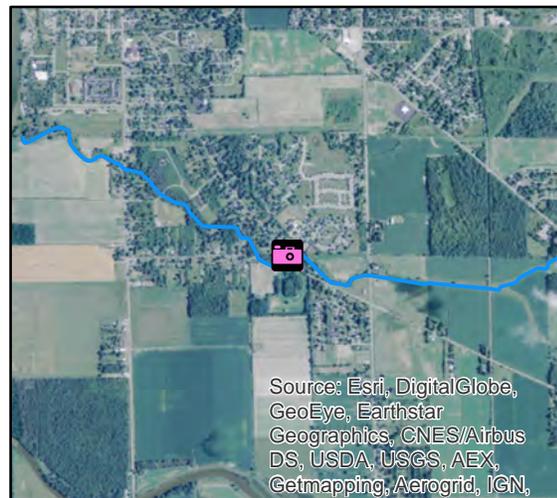


Photo 1



Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto26

Photo 1 Direction: North

Photo 2 Direction:

Comments:

Fence at top of bank. 300 ft long. Photo facing north.

Observation Location:

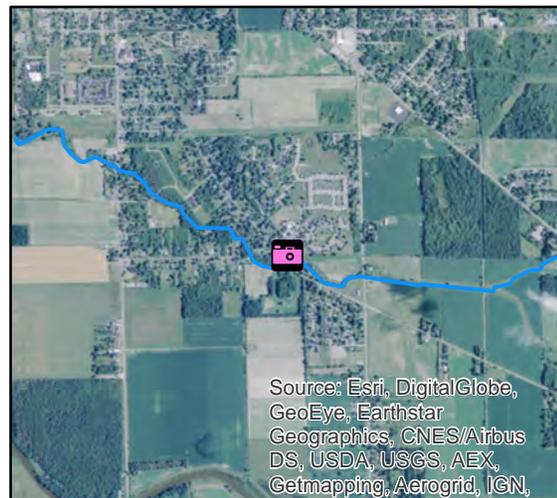


Photo 1



Photo 2

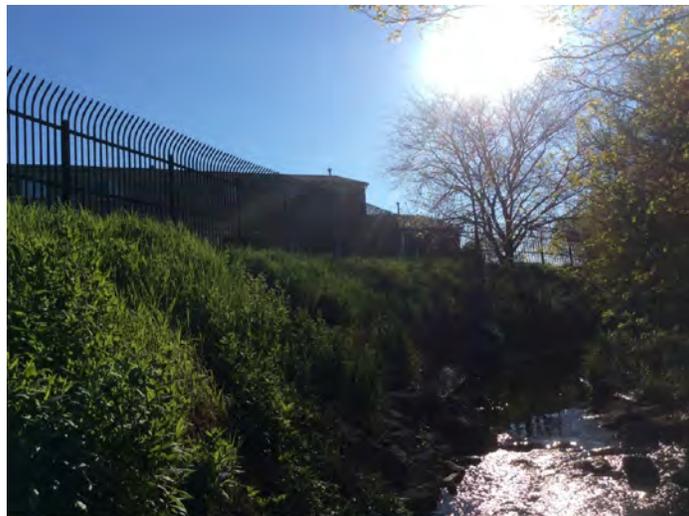


Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto27

Photo 1 Direction:

Photo 2 Direction:

Comments:

Steep side slope on left side of drain.

Observation Location:

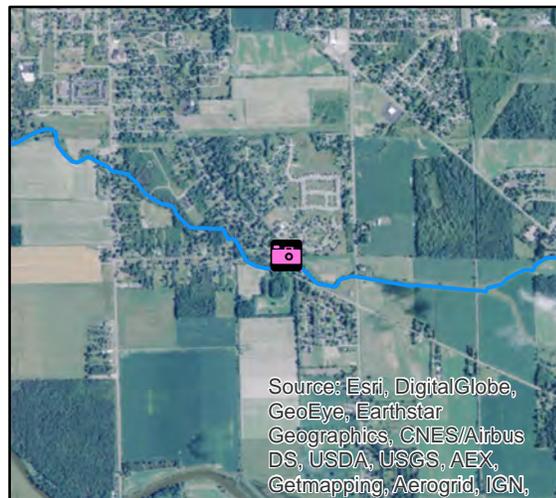


Photo 1

Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto28

Photo 1 Direction: North

Photo 2 Direction:

Comments:

End of fence at top of bank. Photo facing north.

Observation Location:

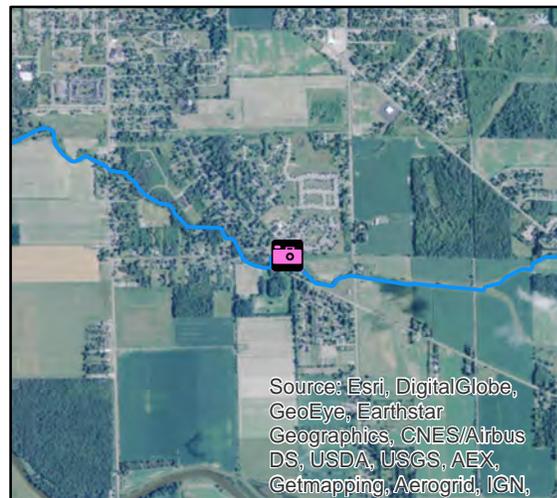


Photo 1

Photo 2



Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto32

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 facing upstream. Photo2 facing downstream. Guardrails on both sides. From sheridan rd.

Observation Location:

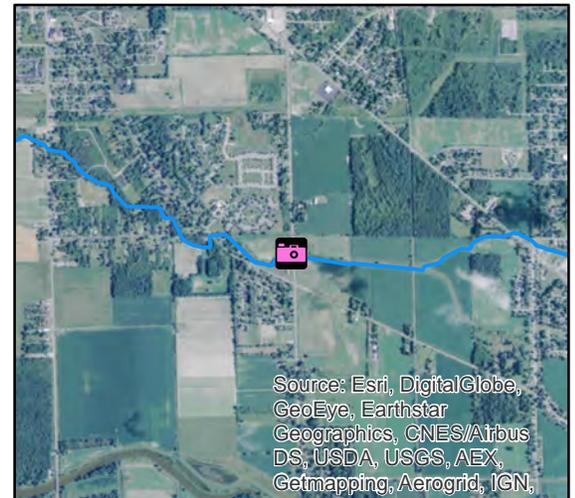


Photo 1



Photo 2



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Photo 4

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				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto33

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Trash on both sides of culvert crossing. Photo taken facing south.

Observation Location:

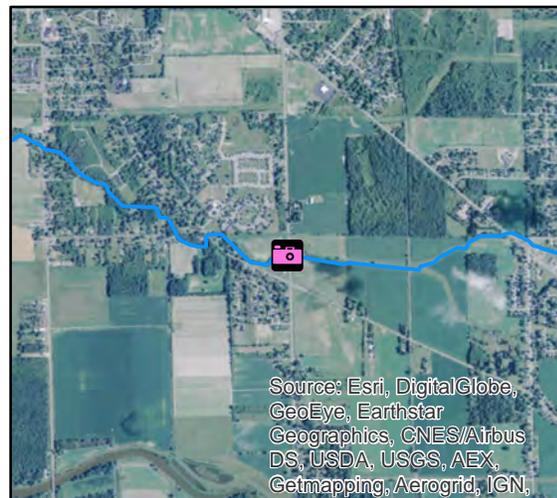


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto34

Photo 1 Direction: North

Photo 2 Direction:

Comments:

Fence at top of bank on left side. Approx 30 ft long. Photo facing north.

Observation Location:

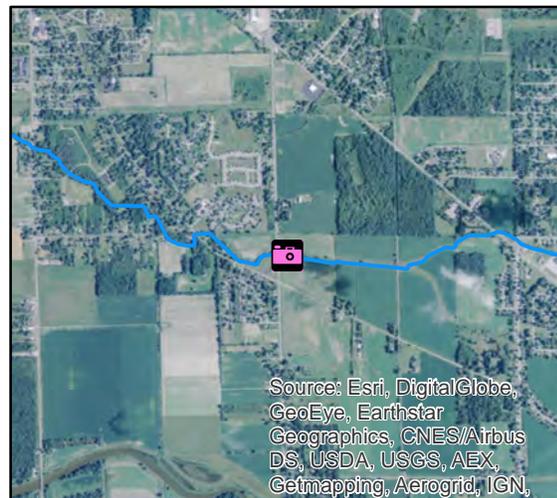


Photo 1



Photo 2

Photo 3

Photo 4

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				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto35

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Heavy vegetation growing in the bottom of the drain channel is essentially restricting width to 1.5 ft. Vegetated area is soft sinking sediment. Channel part is hard and easy to walk on.

Observation Location:

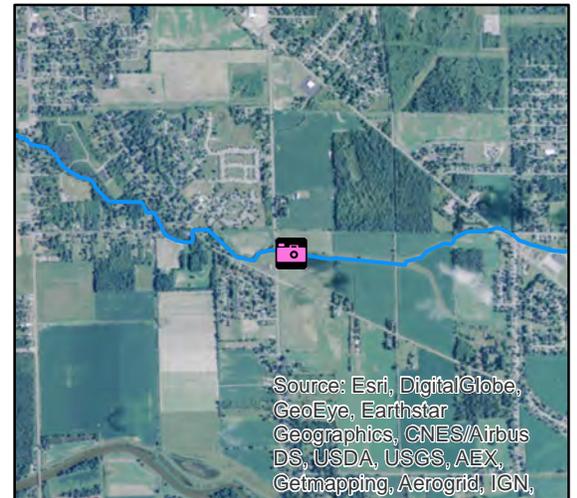


Photo 1



Photo 2



Photo 3

Photo 4

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				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto36

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 facing upstream. Photo2 facing downstream. Drain channel meanders a bit through this stretch. Minor erosion and sediment deposits at the banks. Heavy vegetation in bottom of drain channel is forcing flow along the banks.

Observation Location:

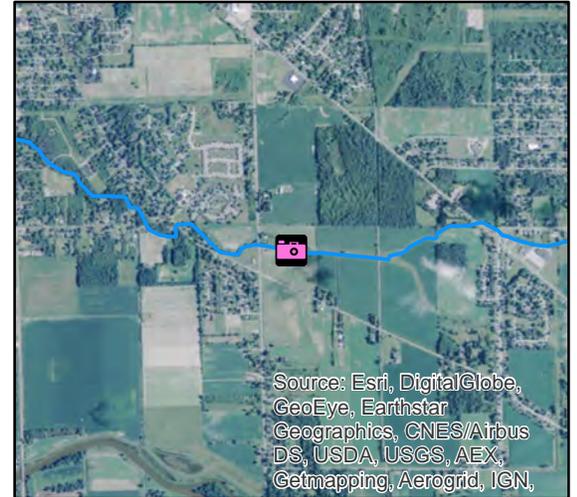


Photo 1



Photo 2



Photo 3

Photo 4

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				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto37

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Metal drum at top of bank on left side.

Observation Location:

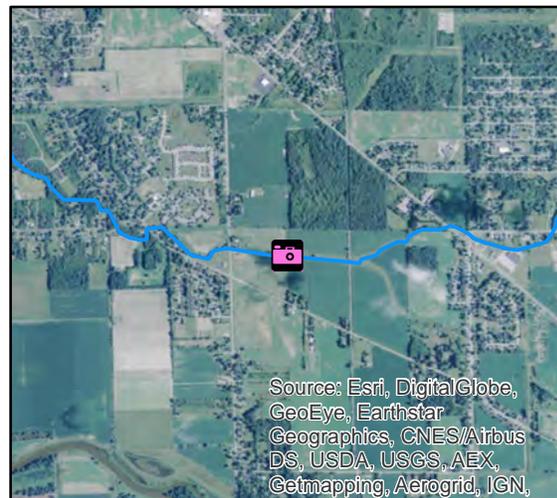


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto38

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Broken piece of field tile on right side, but could not find an outlet.

Observation Location:

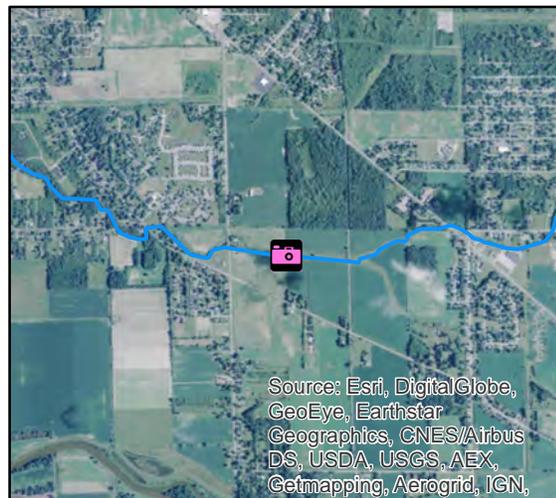


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto40

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 upstream. Photo2 downstream. From farm crossing.

Observation Location:

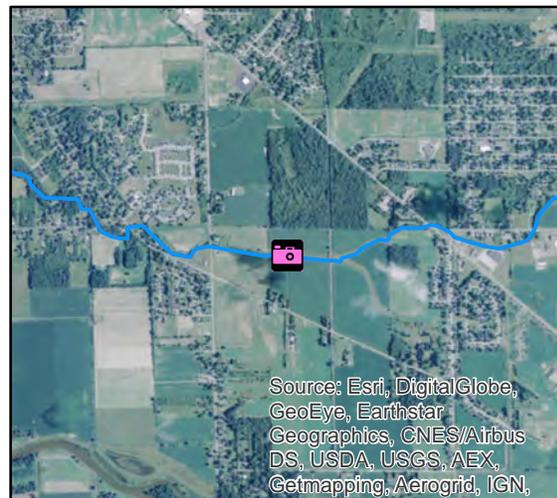


Photo 1



Photo 2



Photo 3

Photo 4

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				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto41

Photo 1 Direction:

Photo 2 Direction:

Comments:

Oily sheen in small area on right side, just upstream of farm crossing.

Observation Location:

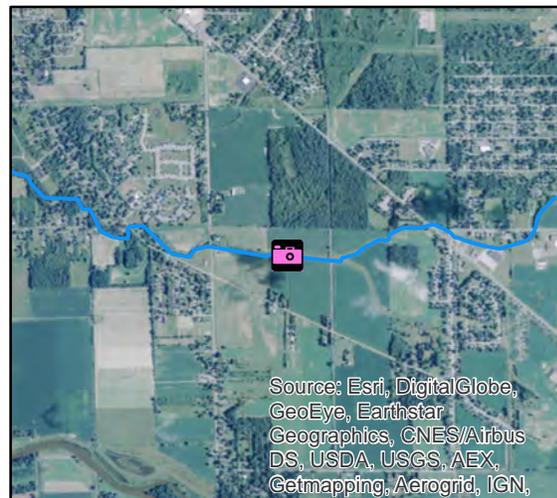


Photo 1



Photo 3

Photo 2

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto42

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 upstream. Photo2 downstream.

Observation Location:

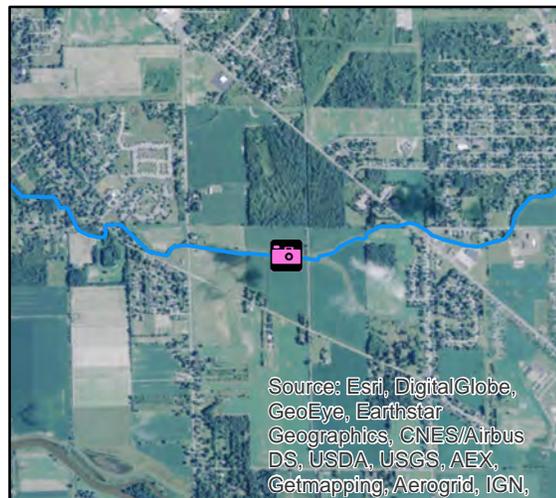


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto43

Photo 1 Direction: Southwest

Photo 2 Direction:

Comments:

Brown bubbly area in water. Almost looks oily. Photo taken facing southwest.

Observation Location:

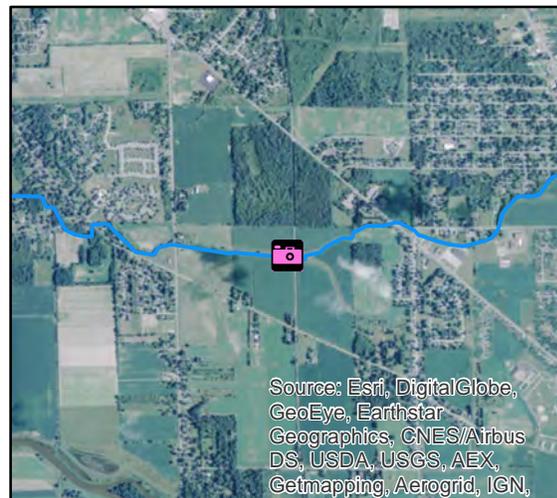


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto44

Photo 1 Direction: East

Photo 2 Direction:

Comments:

Debris at top of bank on left side of drain.

Observation Location:

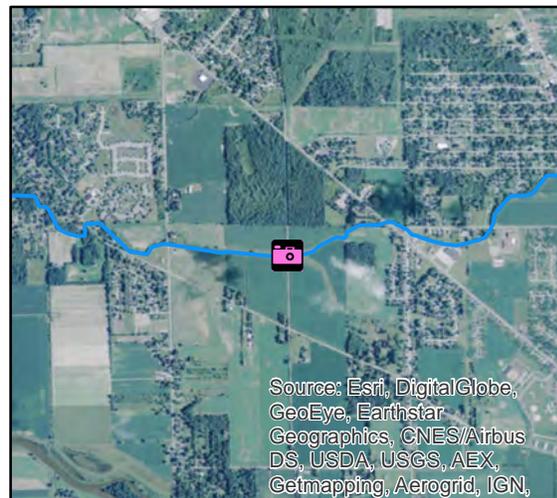


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
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NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto45

Photo 1 Direction: Northeast

Photo 2 Direction:

Comments:

Huge concrete blocks on right side of drain facing upstream. Right past railroad tracks about 20 ft. Photo taken facing northeast.

Observation Location:

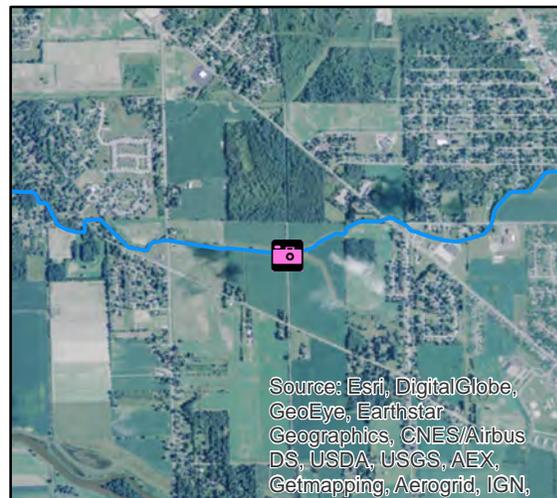


Photo 1

Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
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NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto46

Photo 1 Direction: East

Photo 2 Direction:

Comments:

Steel rods after farm crossing. Right side of drain. Photo 1 taken facing east. Photo 2 taken facing south.

Observation Location:

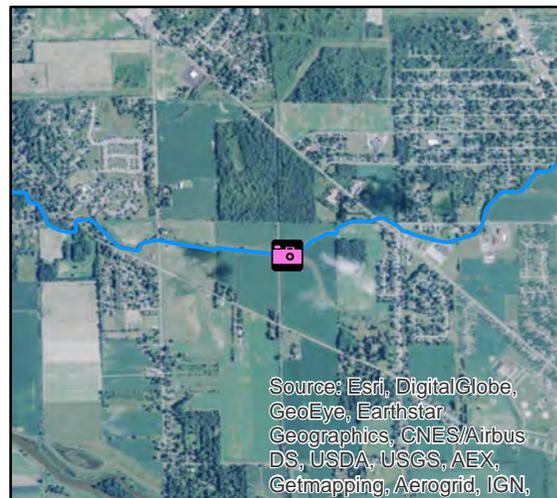


Photo 1



Photo 3

Photo 2



Photo 4

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NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto47

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 facing upstream. Photo2 facing downstream.

Observation Location:

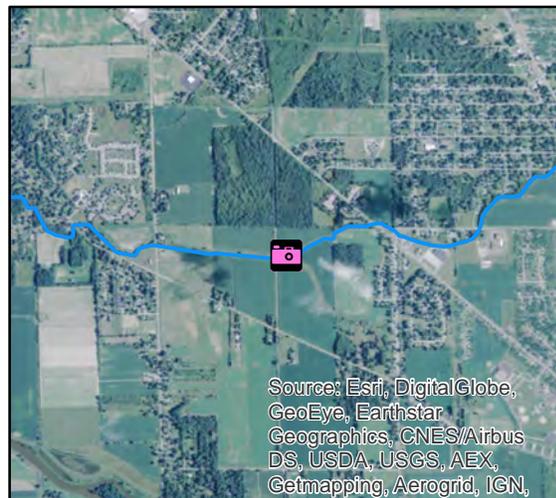


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
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				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto48

Photo 1 Direction:

Photo 2 Direction:

Comments:

Sediment cave in 5 ft left of top of bank. Photo 2 facing southeast.

Observation Location:

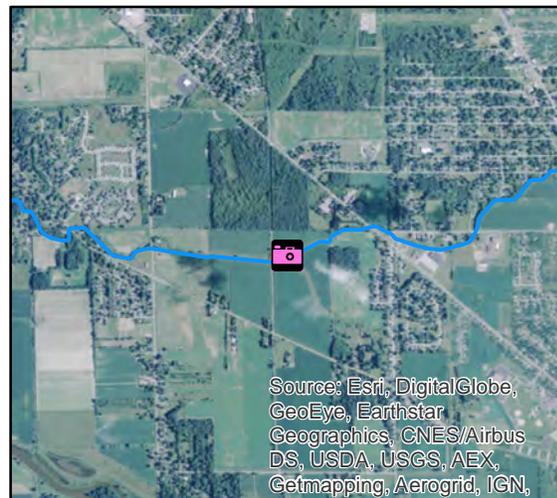


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto49

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 upstream. Photo2 downstream.

Observation Location:

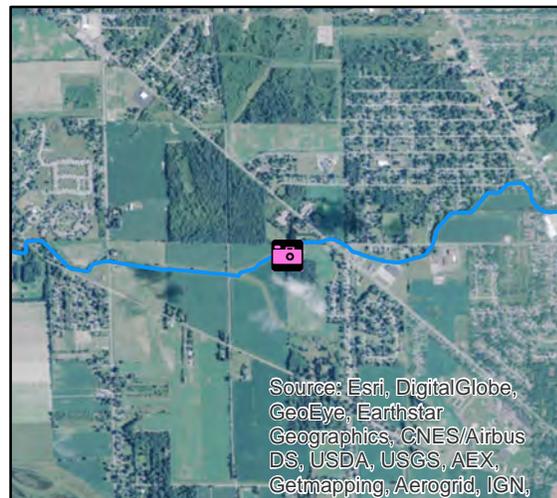


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto50

Photo 1 Direction:

Photo 2 Direction:

Comments:

Three fallen trees on top of right bank. 8" diam

Observation Location:

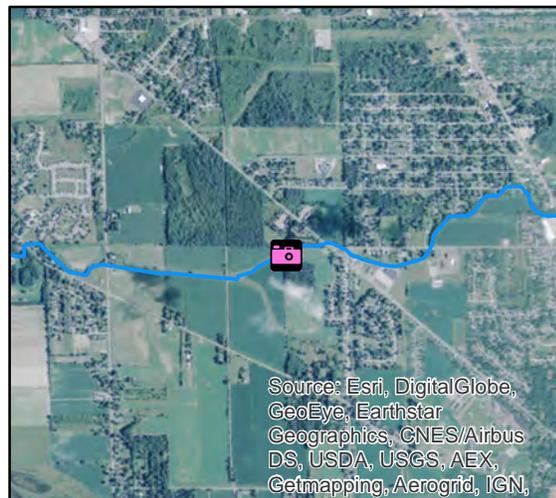


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto51

Photo 1 Direction:

Photo 2 Direction:

Comments:

Recent clearing of small trees, excessive vegetation on top of left bank. Debris remains on bank and is overhanging drain. Photo facing upstream.

Observation Location:

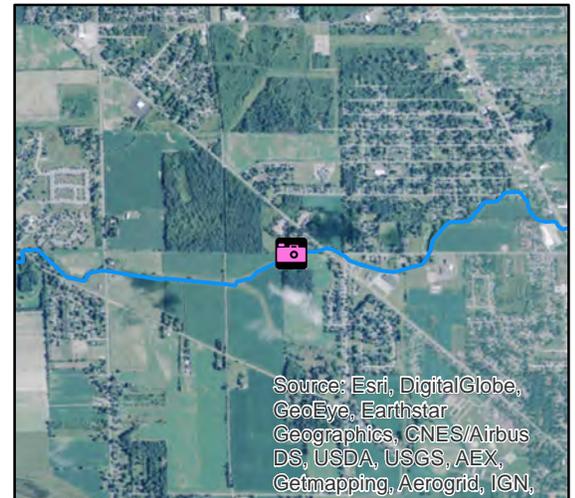


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
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NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto52

Photo 1 Direction:

Photo 2 Direction:

Comments:

Photo1 facing upstream. Photo2 facing downstream. Channel bottom is very hard. Change in this location.

Observation Location:

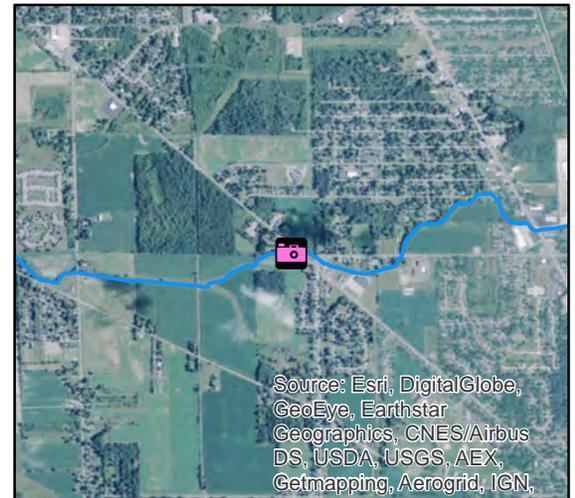


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
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NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto53

Photo 1 Direction:

Photo 2 Direction:

Comments:

Bridge crossing at williamson rd in poor condition. Photo1 facing southeast on downstream side. Photo2 facing upstream on downstream side. Photo3 downstream side. Photo4 upstream side.

Observation Location:

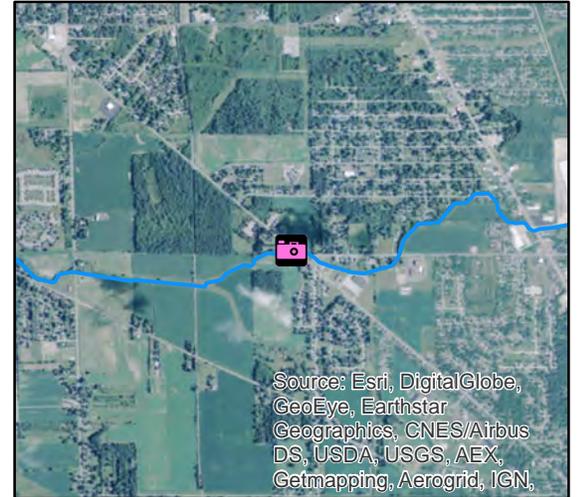


Photo 1



Photo 2



Photo 3



Photo 4



CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com		DATE:	08/16/2016
			NOTE		SCALE:	
					JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto54

Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:

Photos taken from williamson rd. Guardrail on both sides.

Observation Location:

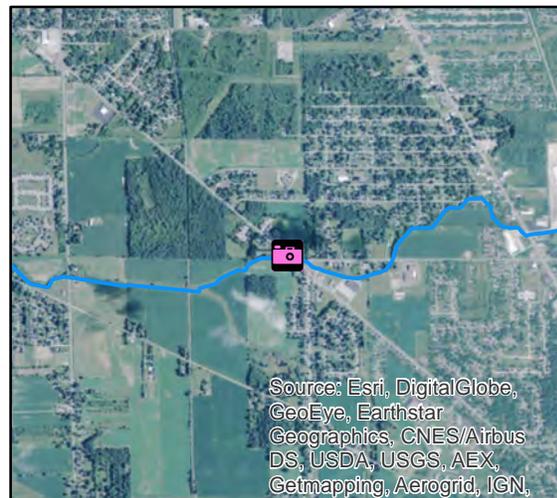


Photo 1



Photo 2

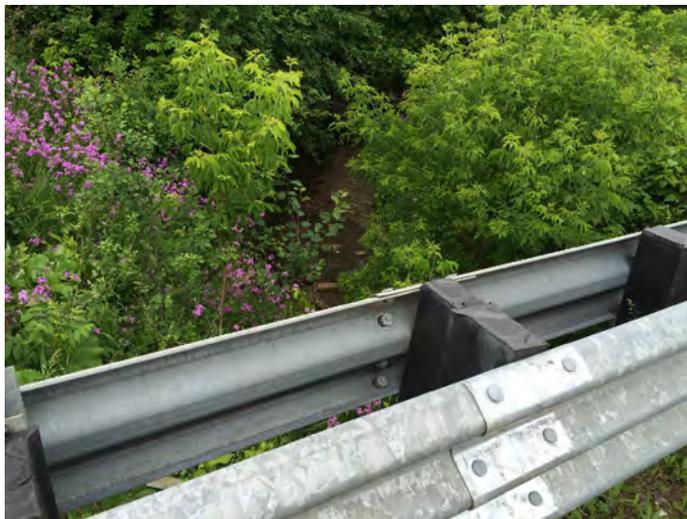


Photo 3

Photo 4

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NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto55

Photo 1 Direction: North

Photo 2 Direction:

Comments:

4' chain link fence approx 30' left of drain centerline from this location approx 100' up stream to end.

Observation Location:

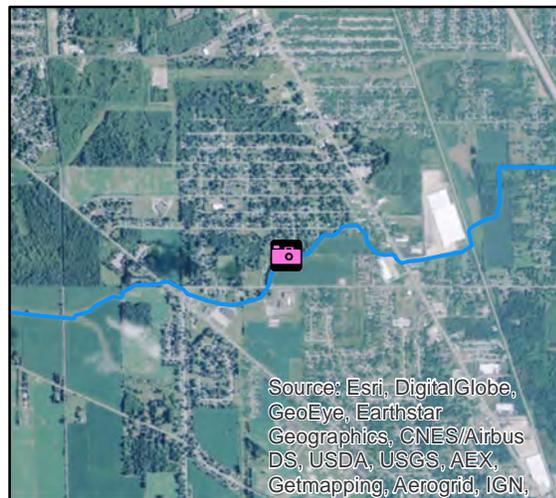


Photo 1

Photo 2



Photo 3

Photo 4

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				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto56

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Exposed resteel on north side of King street, on east head wall.

Observation Location:

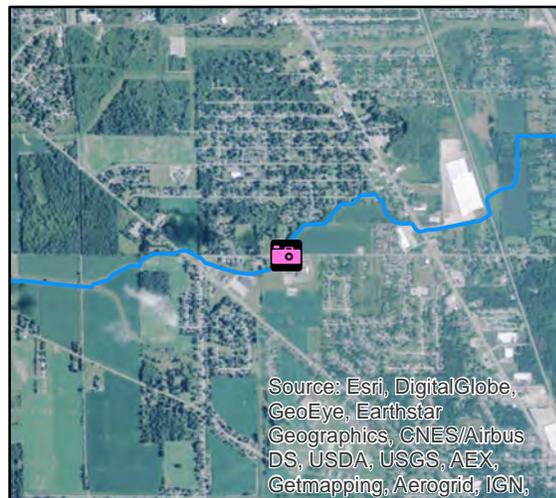


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto57

Photo 1 Direction: North

Photo 2 Direction:

Comments:

Fenced off area. Approx 20' x10'. On top of bank on left side.

Observation Location:

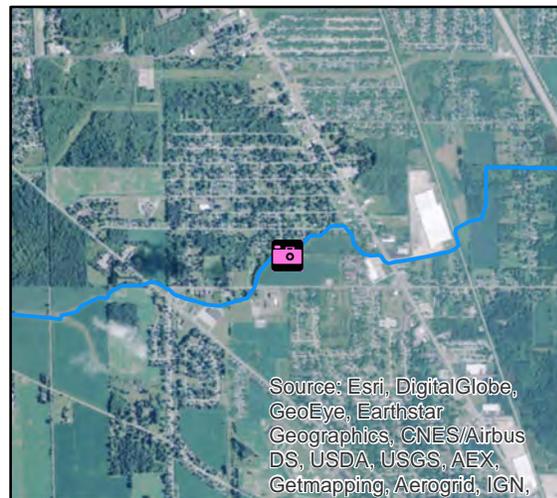


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto58

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Might be a field tile outlet here on left side but could not find.

Observation Location:

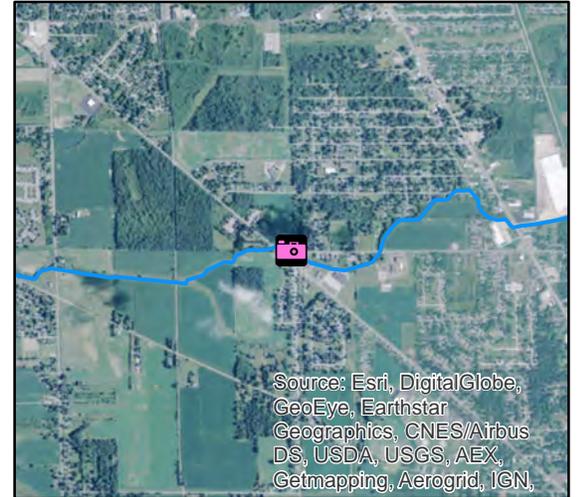


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto59

Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:

Channel width is wider upstream of blockage in drain. Causing erosion at banks. Stretch is about 150 ft.

Observation Location:

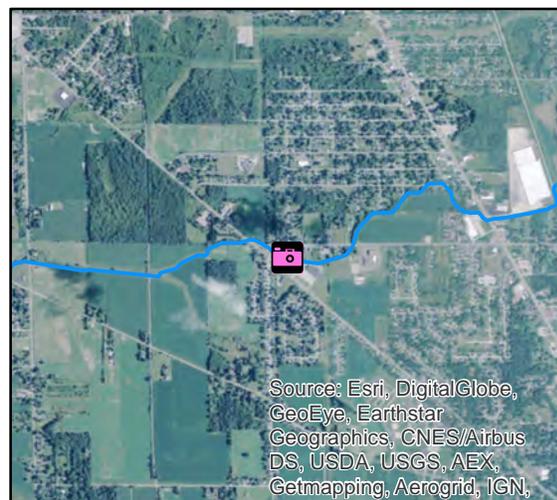


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto60

Photo 1 Direction:

Photo 2 Direction:

Comments:

Oily substance on left side of drain.

Observation Location:

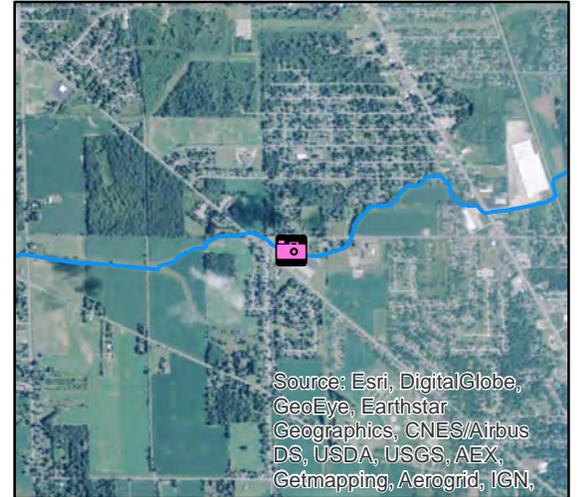


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016	
				SCALE:		
NOTE					SHEET #:	
					JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto61

Photo 1 Direction: North

Photo 2 Direction:

Comments:

Drain seems wider at this location.

Observation Location:

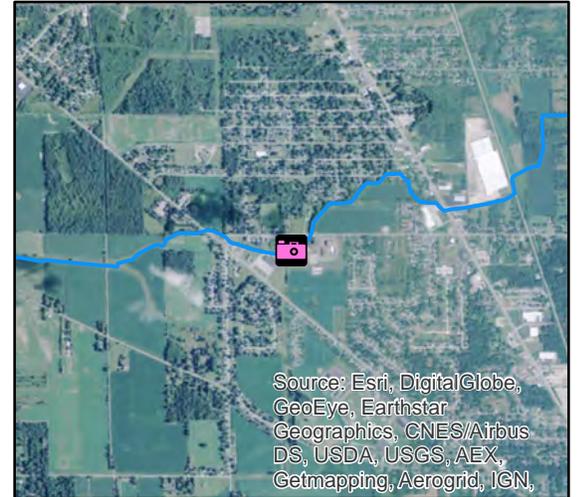


Photo 1



Photo 3

Photo 2

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto62

Photo 1 Direction:

Photo 2 Direction:

Comments:

Field tile outlet. Cannot determine pipe material in field.

Observation Location:

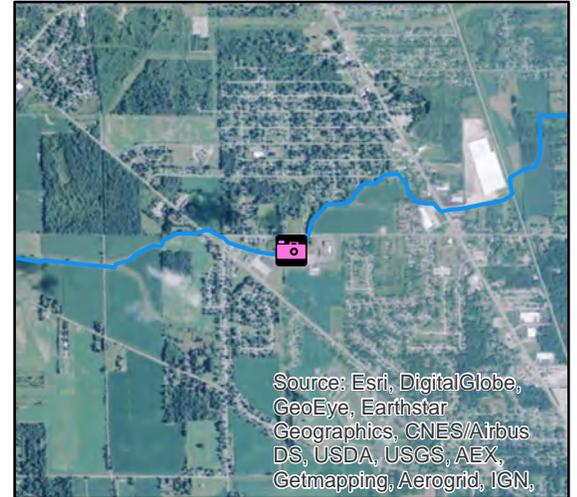


Photo 1



Photo 3

Photo 2



Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto63

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Shed at top of bank on right side.

Observation Location:

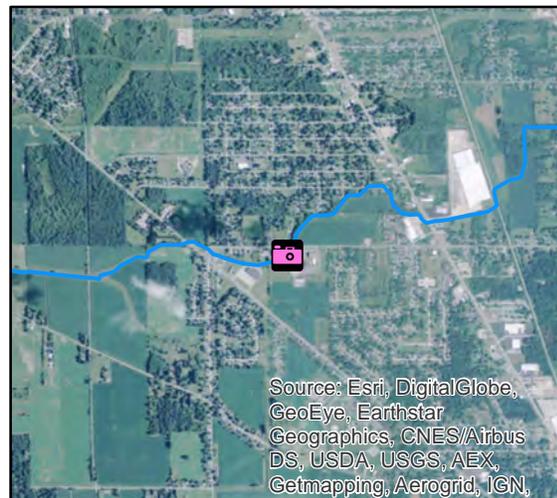


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto64

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Oil sheen on left side of drain.

Observation Location:

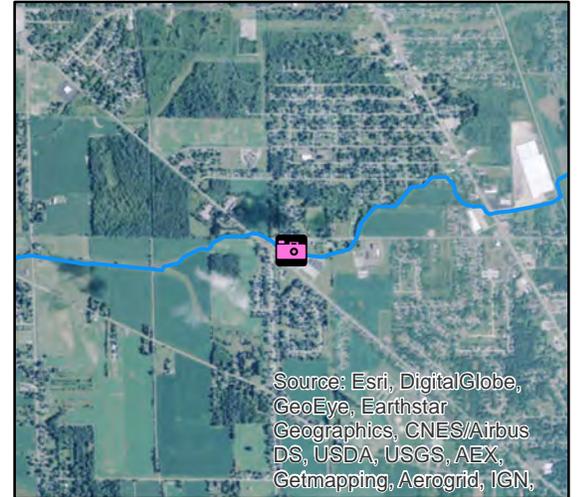


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto65

Photo 1 Direction: South

Photo 2 Direction: North

Comments:

Road runs perpendicular to drain off the north side. Pictures facing south across the drain and north up the road. Pear Street.

Observation Location:

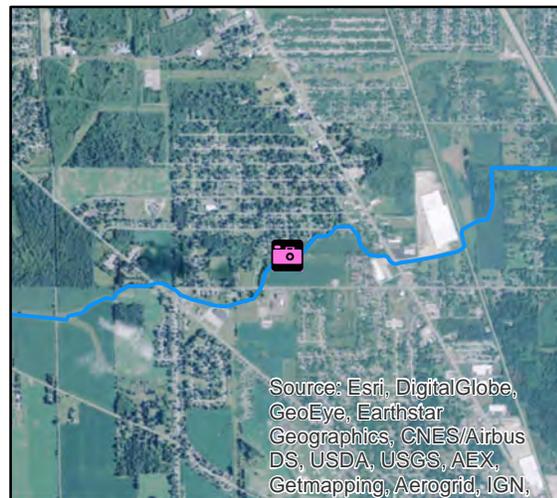


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto66

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Lots of obstacles under water. Can't see. Trips up when walking in drain.
Possibly huge rocks or logs. Can't see in picture.

Observation Location:

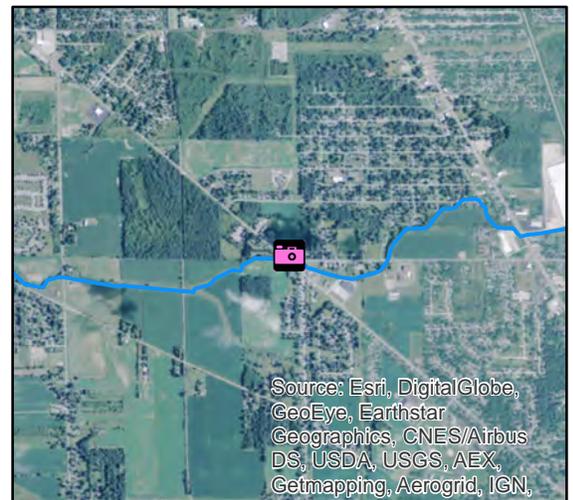


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto67

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Some form of sanitary waste in drain. Smells and is thicker than normal sediment.

Observation Location:

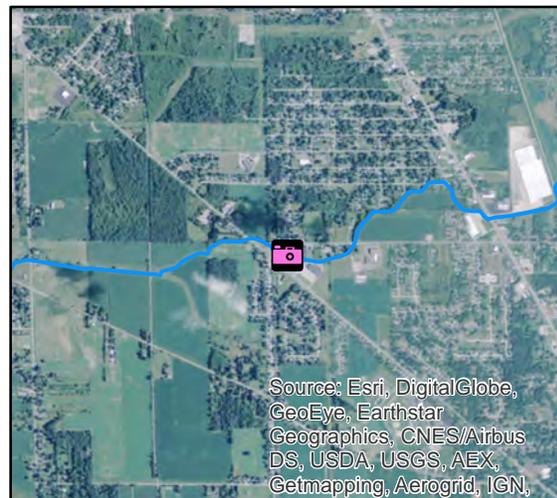


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto68

Photo 1 Direction: South

Photo 2 Direction: South

Comments:

Pieces of field tiles and woody debris north of field, south of drain.

Observation Location:

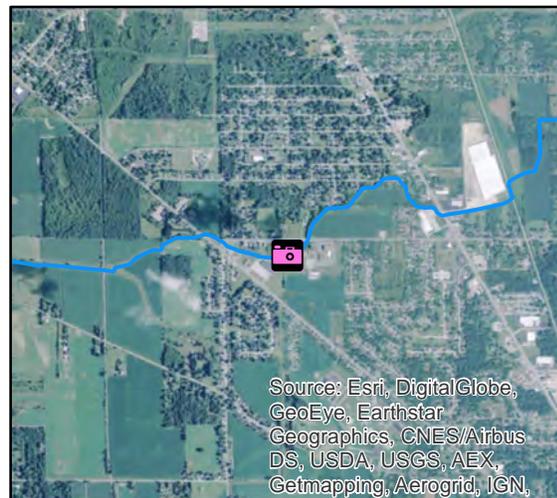


Photo 1



Photo 3

Photo 2



Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto69

Photo 1 Direction: North

Photo 2 Direction: West

Comments:

Large fallen tree on right side of drain up about 20 ft up on bank next to soccer field. South of drain. North of field. About 20 ft long. Then 20 ft farther is another fallen tree/woody debris on same side of drain. About 80 ft total.

Observation Location:

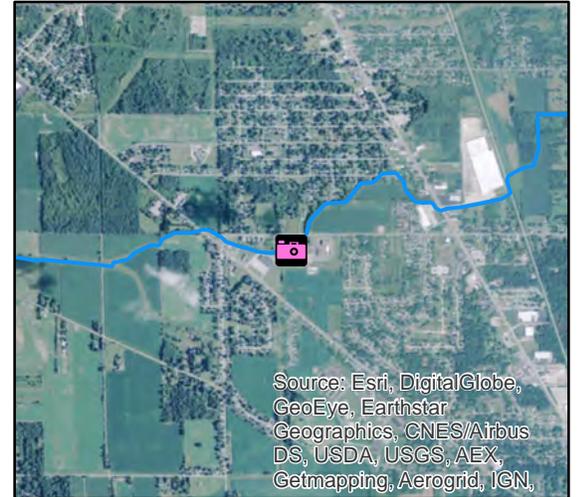


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
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NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto70

Photo 1 Direction: Northeast

Photo 2 Direction:

Comments:

Fence on left side of drain on bank up about 10 ft. About 20 ft long.

Observation Location:

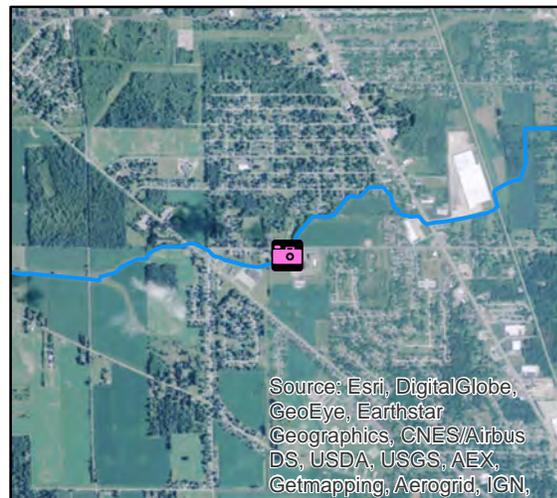


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
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NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto71

Photo 1 Direction: Facing Downstream

Photo 2 Direction: Facing Upstream

Comments:

No guardrail at crossing.

Observation Location:

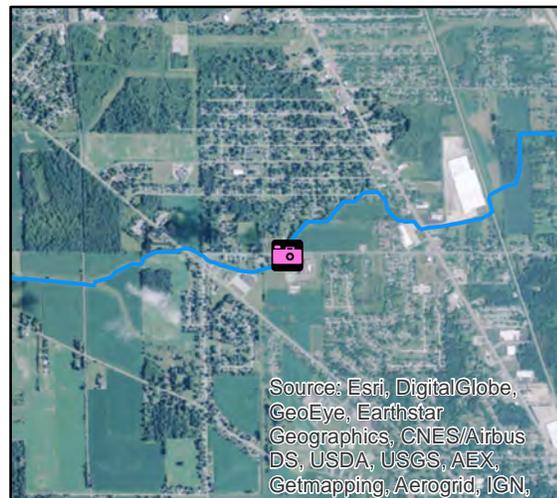


Photo 1

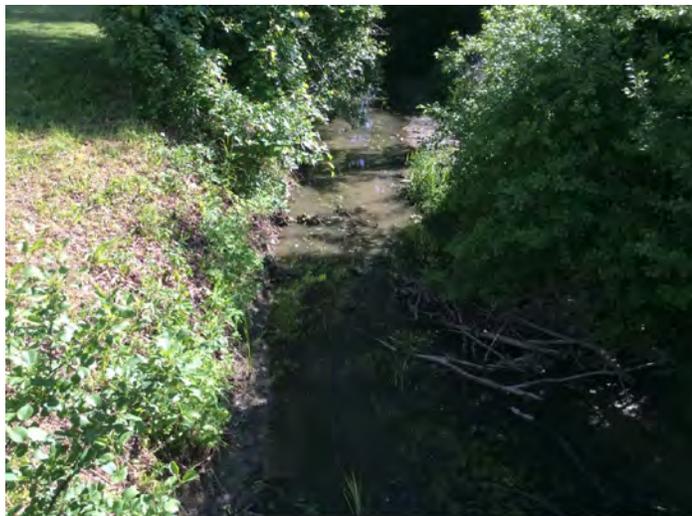


Photo 2

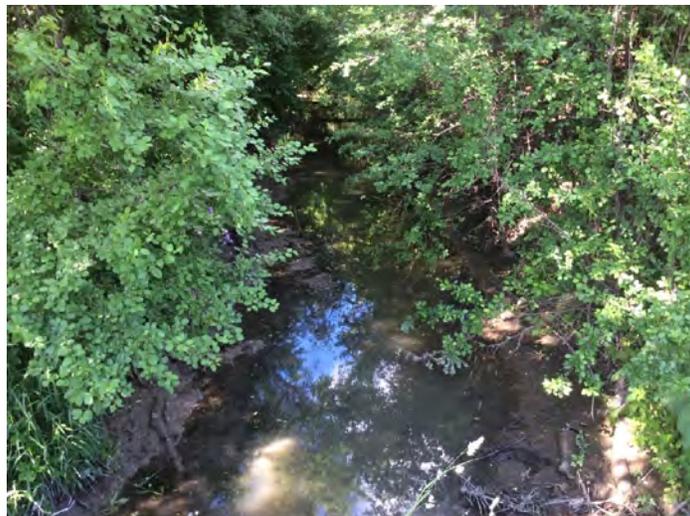


Photo 3

Photo 4

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				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto72

Photo 1 Direction: North

Photo 2 Direction:

Comments:

Fence at top of bank on left side. 70 ft long.

Observation Location:

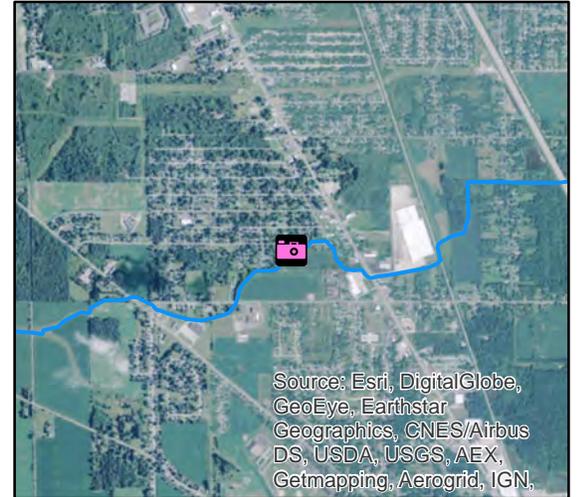


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto73

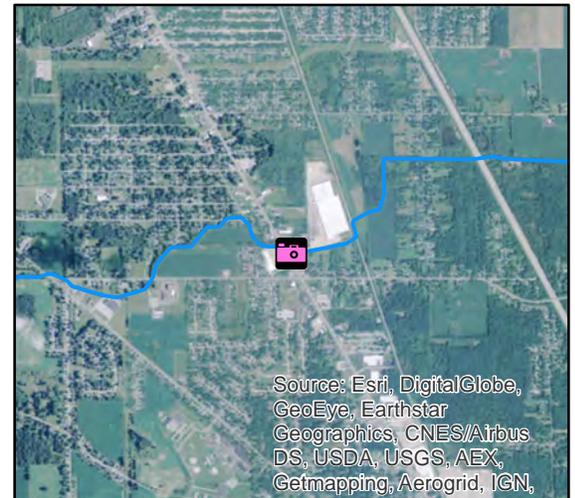
Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:

Photo1 facing upstream at upstream end of culvert crossing . Photo2 facing downstream at upstream end of culvert crossing Dixie Hwy with multiple overhead and underground utility exist.

Observation Location:



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN,

Photo 1

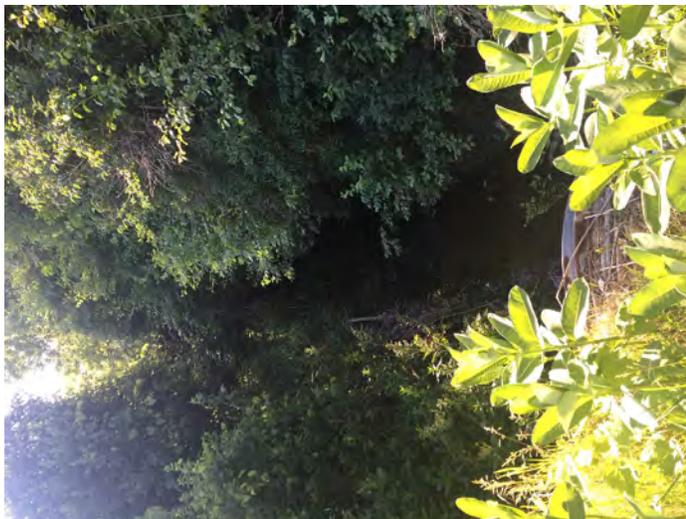


Photo 2

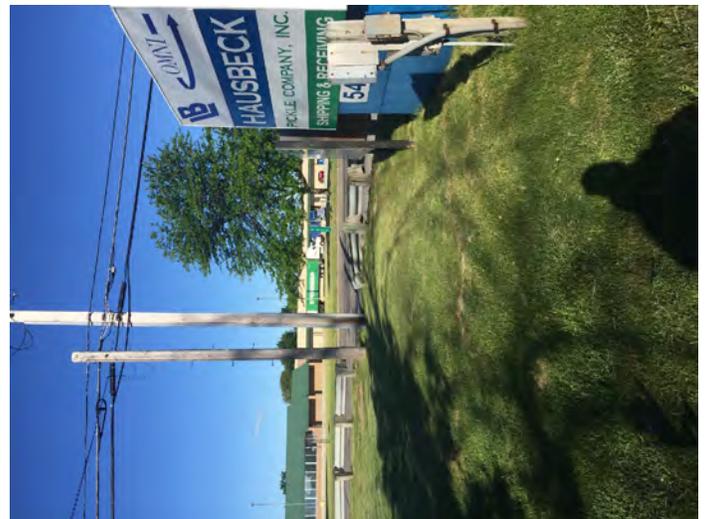


Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto74

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Sign in center of drain, most likely for gas pipeline. Be careful at Kansas St. crossing.

Observation Location:

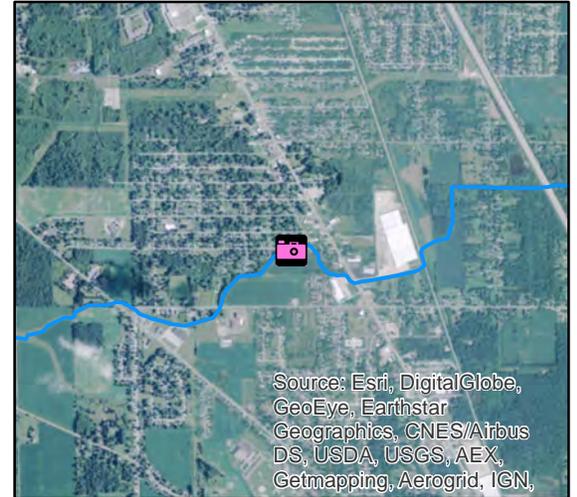


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
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				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto75

Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:

Kansas St crossing. No guard rails. Crossing signs on both directions.

Observation Location:

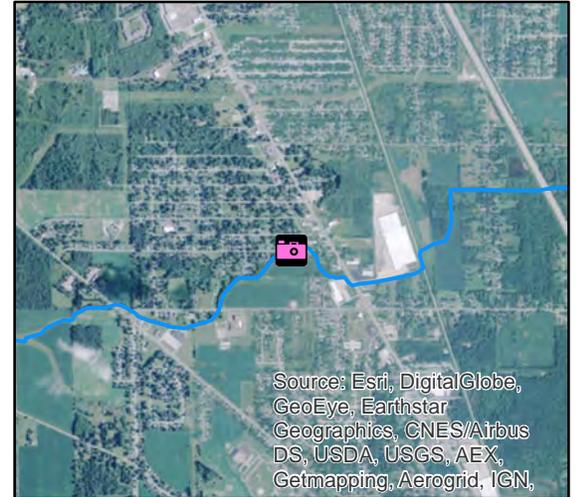


Photo 1



Photo 2



Photo 3



Photo 4



CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto76

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

6' chain link fence approx 35' left of the centerline of the drain from this location approx 800 upstream to end. Picture facing upstream.

Observation Location:

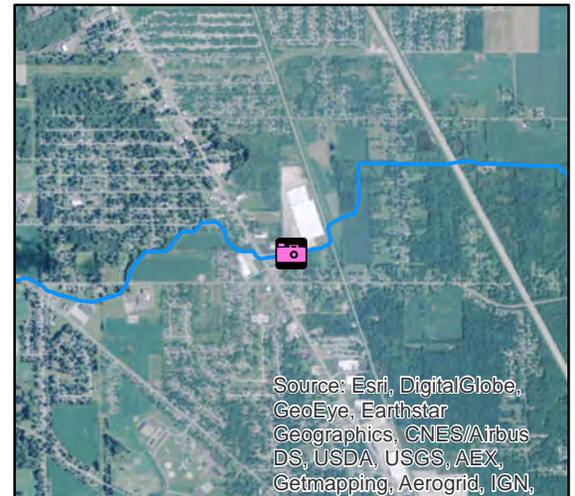


Photo 1

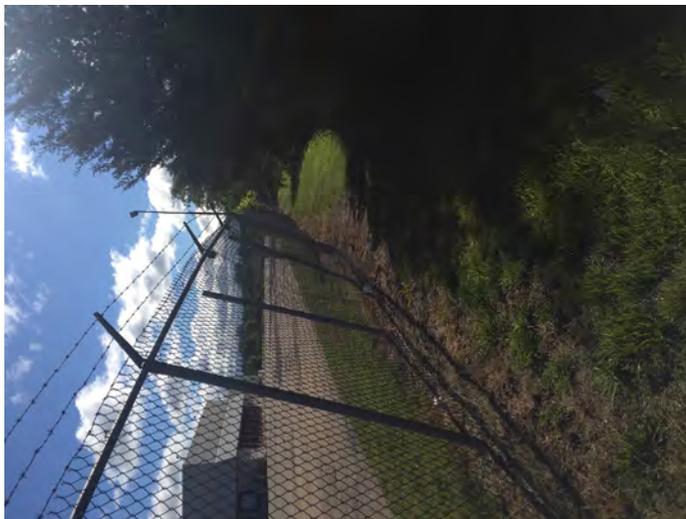


Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
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				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto77

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Drain narrows due to sediment deposit with vegetation to approx 2' from this location upstream to rr tracks. Picture facing upstream.

Observation Location:

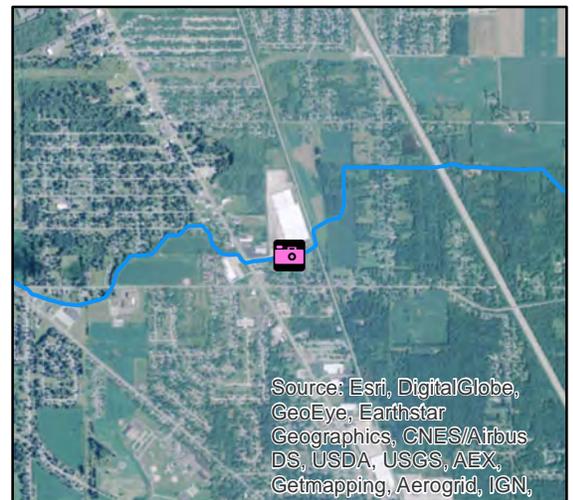


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto78

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

County drain has been rerouted to the west side of the railroad tracks due to a collapsed concrete headwall and sediment blockage at culvert crossing West side. Picture facing upstream.

Observation Location:

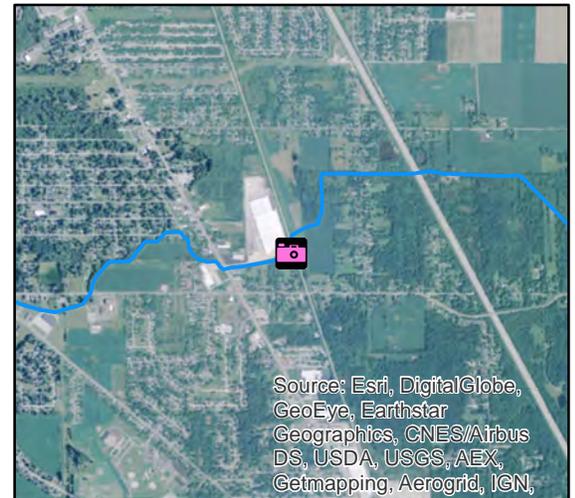


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto79

Photo 1 Direction: West

Photo 2 Direction:

Comments:

6' chain link fence approx 20' west of the drain centerline running the length of the side drain. Picture facing West

Observation Location:

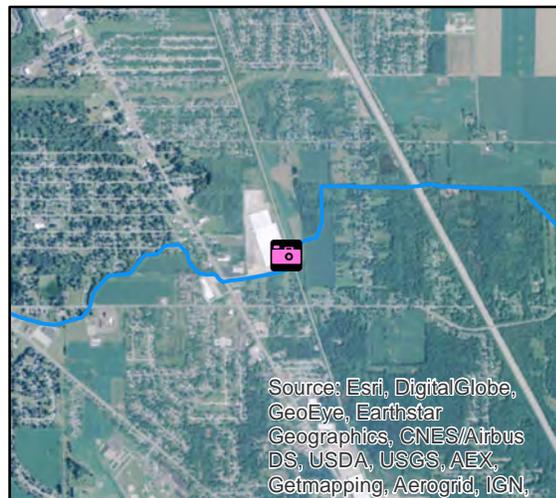


Photo 1

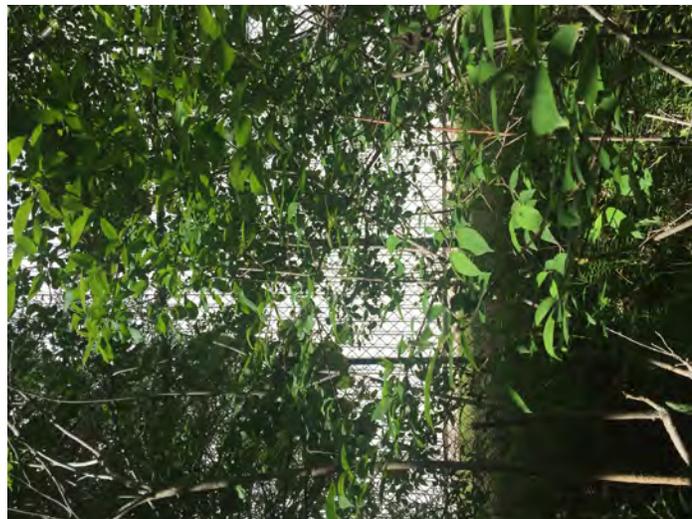


Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto80

Photo 1 Direction: West

Photo 2 Direction:

Comments:

Culvert crossing under the railroad tracks acting as a drain bi pass.
 Picture facing West.

Observation Location:

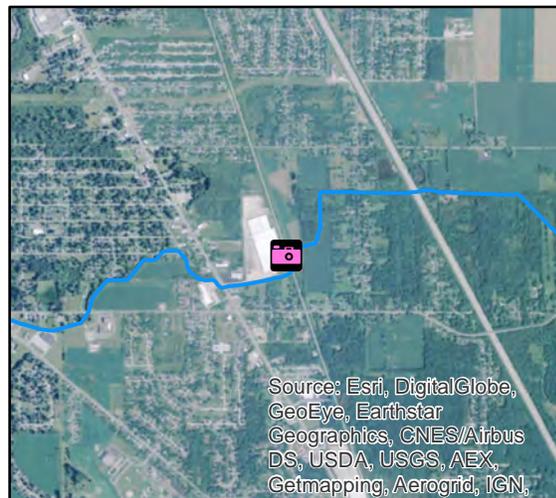


Photo 1

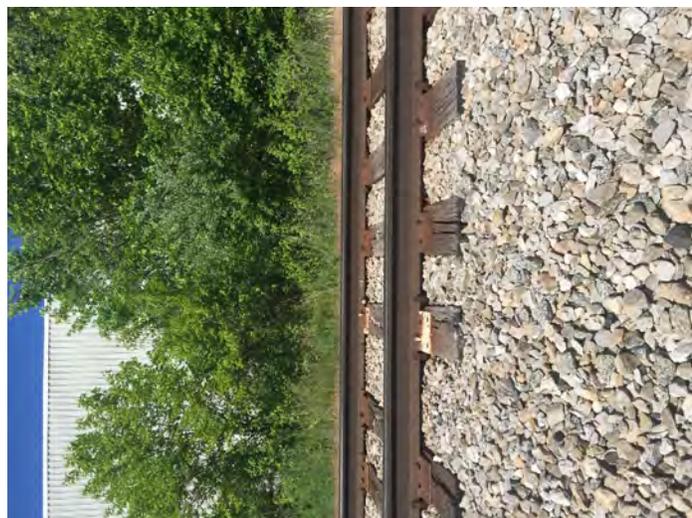


Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto81

Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:

Upstream of log jam. 1.5" water depth. Hard sediment. Weird. Would expect higher water depth and loose sediment.

Observation Location:

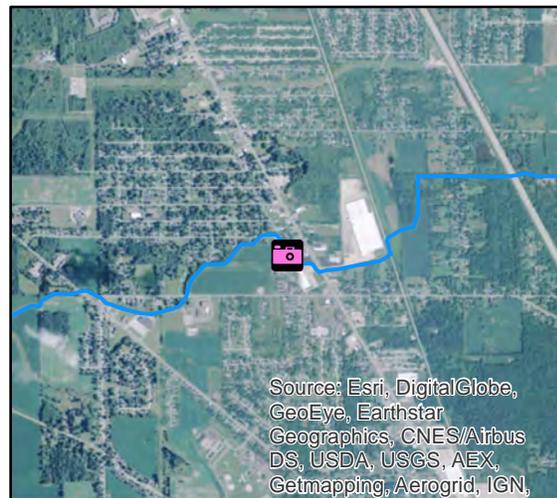


Photo 1

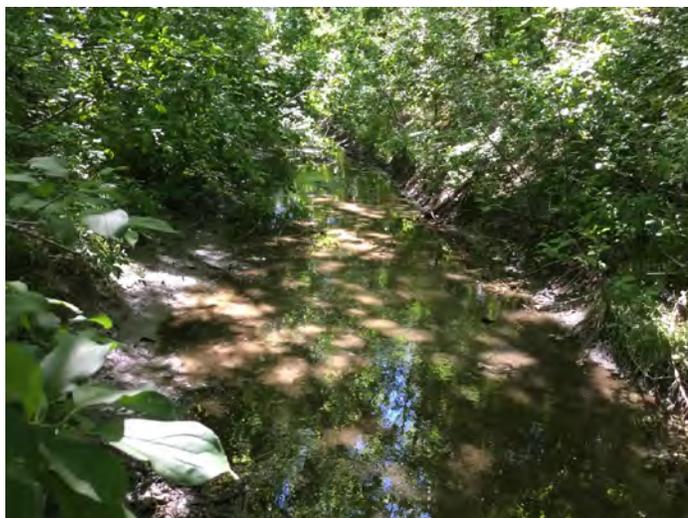


Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
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NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto82

Photo 1 Direction: South

Photo 2 Direction:

Comments:

24 ft fence on right bank.

Observation Location:

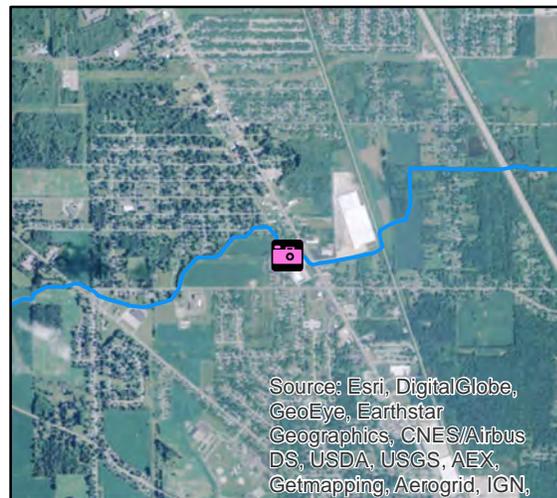


Photo 1



Photo 2

Photo 3

Photo 4

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				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto83

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Fence at top of bank on right side. Barb wire. 80 ft.

Observation Location:

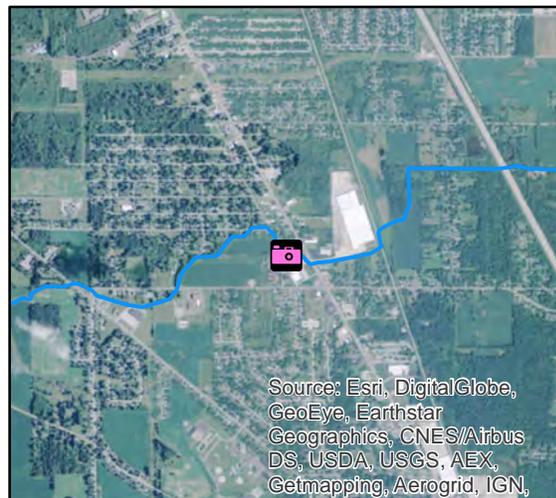


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto84

Photo 1 Direction: Facing Downstream

Photo 2 Direction: Facing Upstream

Comments:

Guardrail on both sides of crossing. Photo 3 facing northeast to show intersection of Kansas Ave and Broadway St. intersection where culvert crosses underneath.

Observation Location:

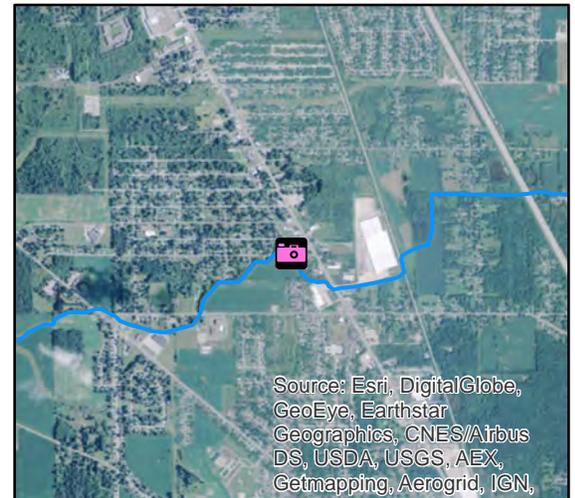


Photo 1



Photo 2



Photo 3



Photo 4



CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto85

Photo 1 Direction: Facing Downstream

Photo 2 Direction:

Comments:

66" RCP crossing under Mack Road picture facing downstream.

Observation Location:

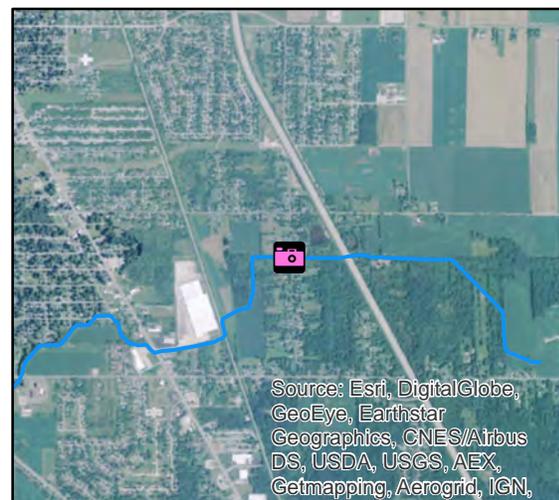


Photo 1

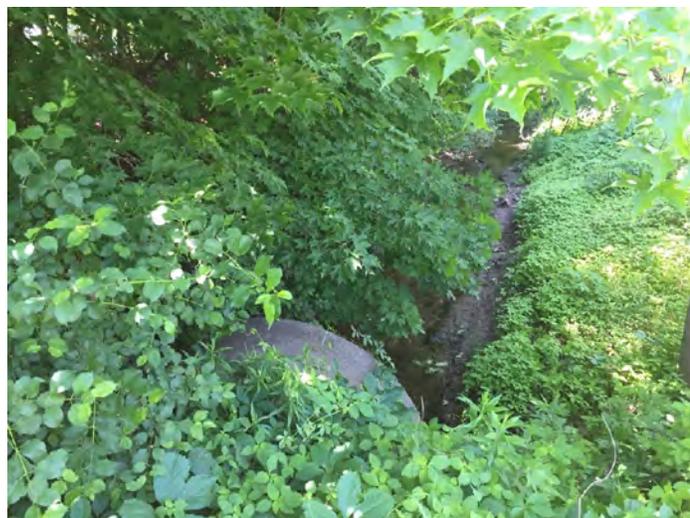


Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto86

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

66" RCP crossing picture facing upstream.

Observation Location:

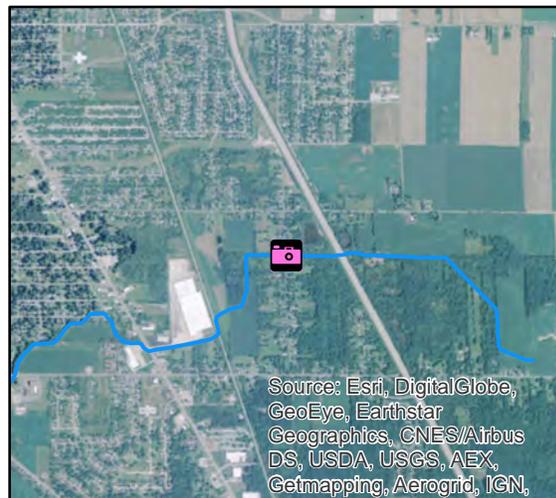


Photo 1

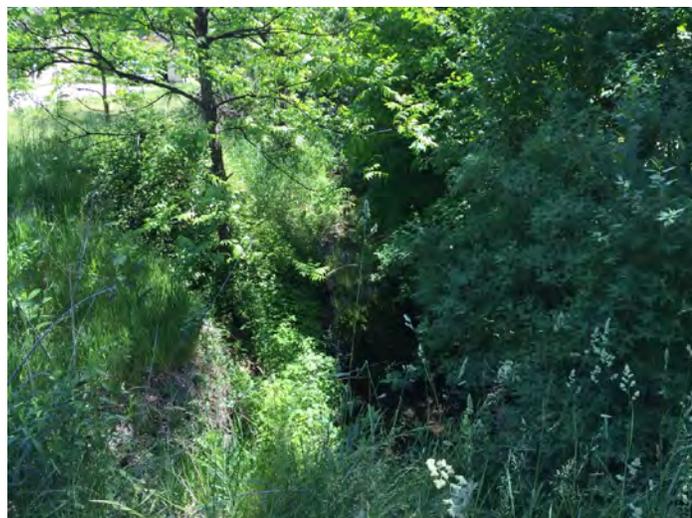


Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto87

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Fence at top of bank on right side. 200ft

Observation Location:

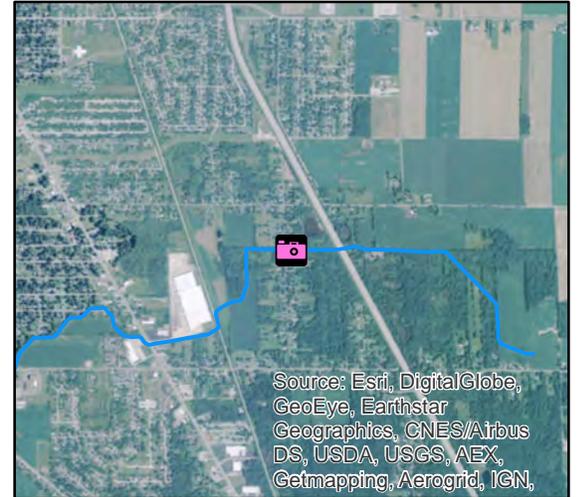


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto88

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Fence at top of bank on right side. 50 ft

Observation Location:

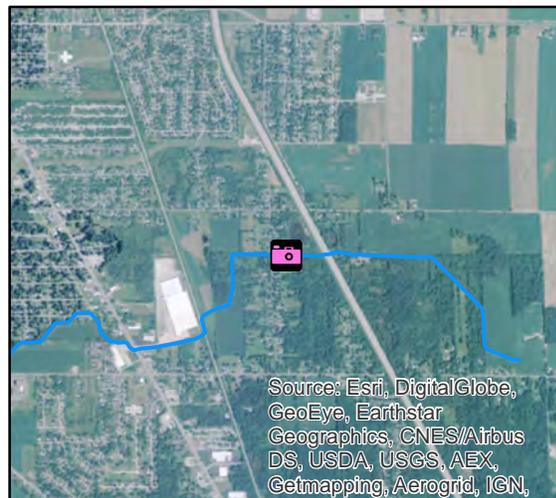


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto89

Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:

At upstream side of sediment bar and excessive vegetation that significantly reduces channel width.

Observation Location:

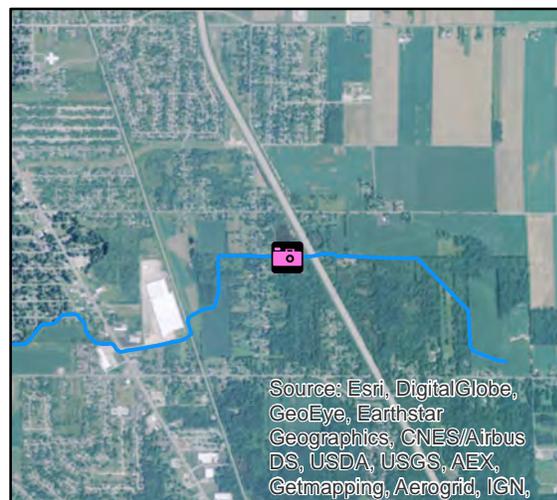


Photo 1

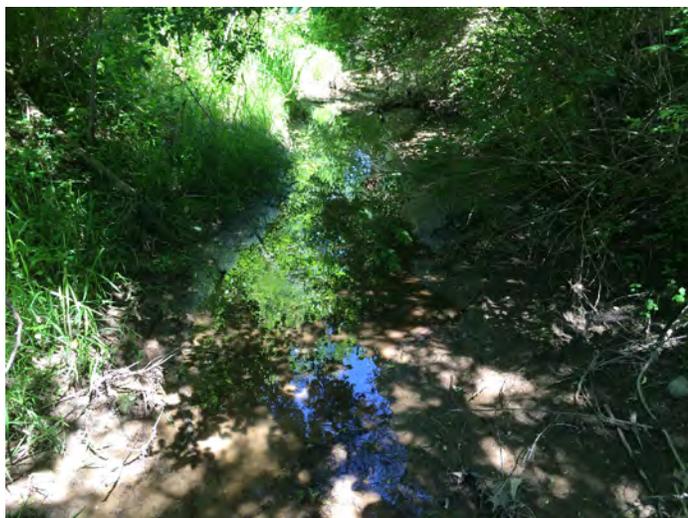


Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto90

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Silt fence at top of culvert on downstream side of I75 crossing.

Observation Location:

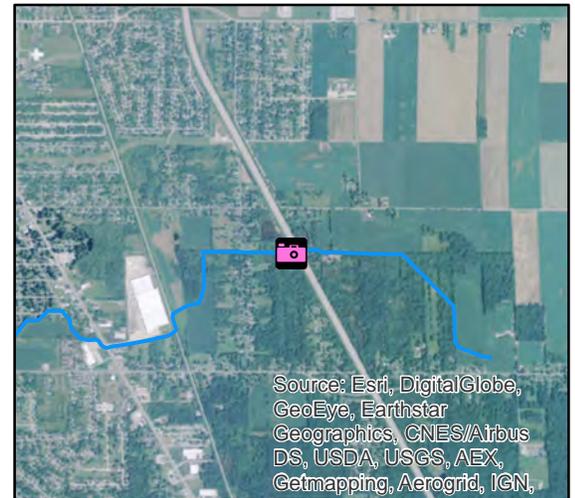


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto91

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Fence is 5 ft west of crossing.

Observation Location:

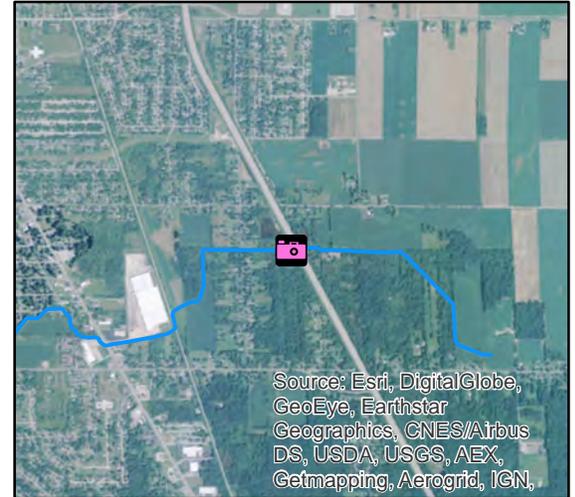


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto92

Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:

I75 crossing. Highway is currently under construction. Taken at downstream end of crossing.

Observation Location:

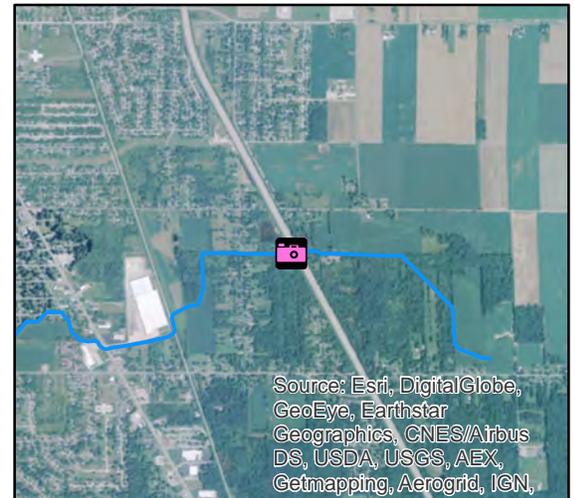


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto93

Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:

Northbound I75 is currently under construction. Photos taken on upstream side.

Observation Location:

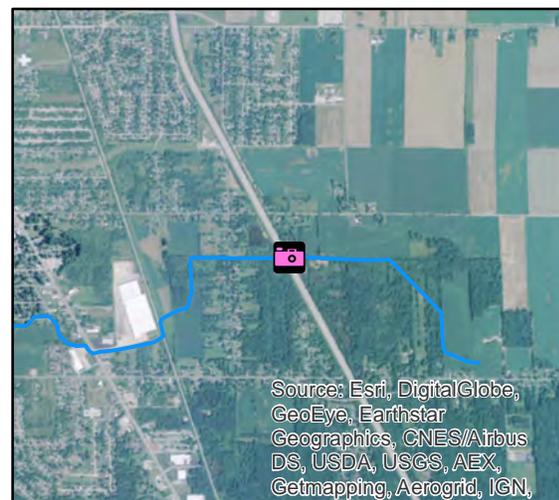


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto94

Photo 1 Direction: Facing Downstream

Photo 2 Direction:

Comments:

72x96" CMP crossing under Dixie Hwy downstream facing photo.

Observation Location:

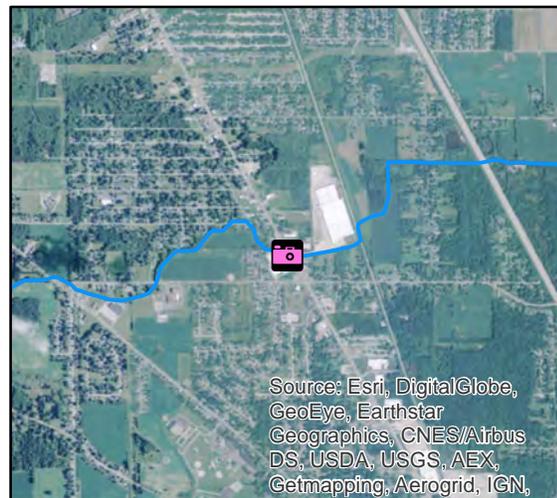


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto95

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Guardrail going along eastern side of Dixie over culvert crossing. Picture facing southwest.

Observation Location:

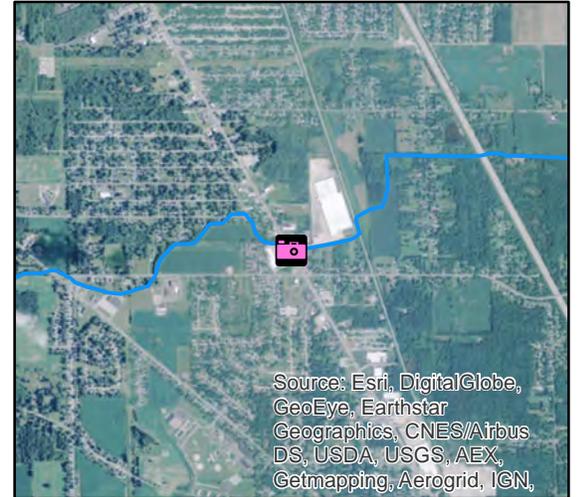


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto96

Photo 1 Direction: Facing Downstream

Photo 2 Direction:

Comments:

Concrete box crossing facing downstream.

Observation Location:

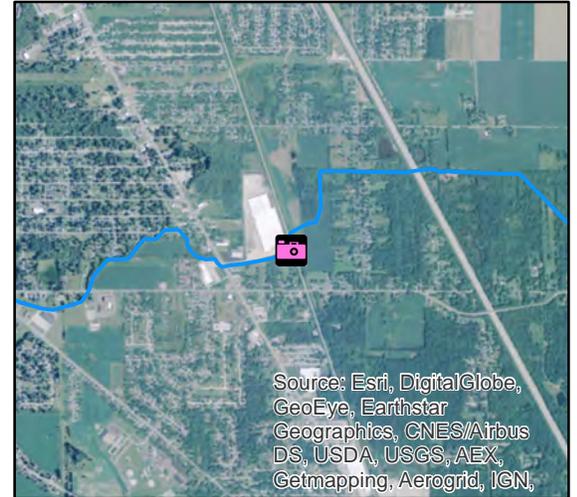


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto97

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Concrete box crossing under railroad facing upstream.

Observation Location:

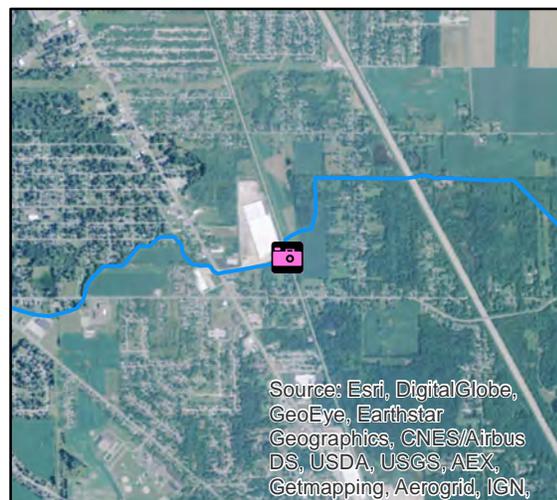


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto98

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Railroad steel pipe crossing bypass. Picture facing upstream.

Observation Location:

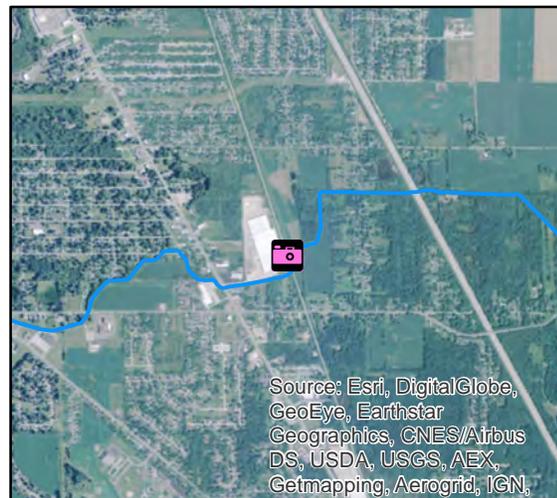


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
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				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto99

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Location where drain is bypassed and the drain easement meets.

Observation Location:

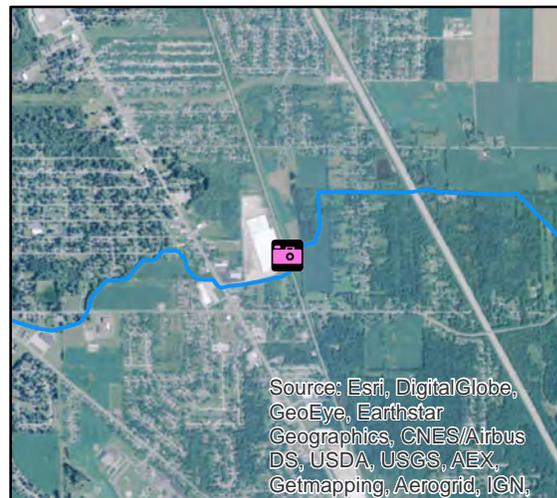


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
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				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto100

Photo 1 Direction: North

Photo 2 Direction:

Comments:

One wire fence going over the drain. Picture facing north across drain.

Observation Location:

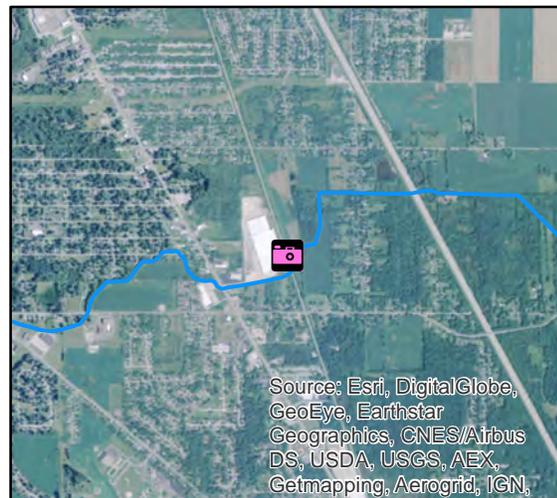


Photo 1

Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto101

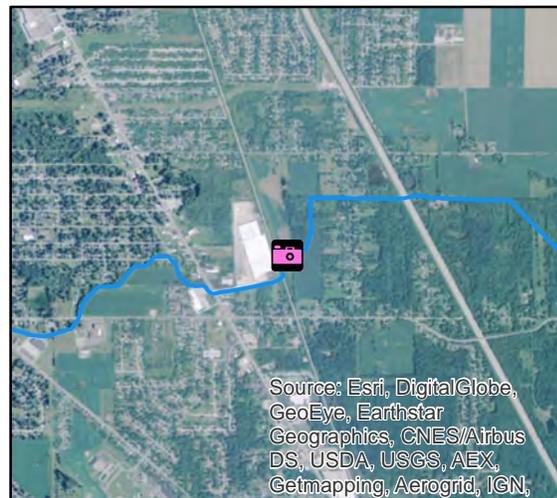
Photo 1 Direction: Facing Downstream

Photo 2 Direction:

Comments:

Concrete farm crossing picture facing downstream.

Observation Location:



Source: Esri, DigitalGlobe,
 GeoEye, Earthstar
 Geographics, CNES/Airbus
 DS, USDA, USGS, AEX,
 Getmapping, Aerogrid, IGN,

Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto102

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Concrete farm crossing picture facing upstream.

Observation Location:

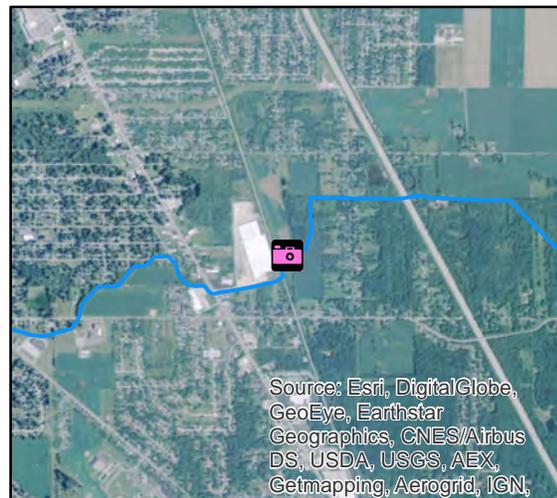


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto103

Photo 1 Direction: Facing Downstream

Photo 2 Direction:

Comments:

Concrete pipe crossing picture facing downstream.

Observation Location:

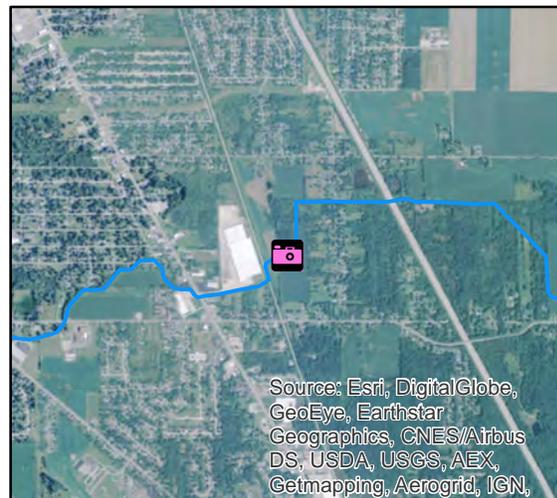


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto104

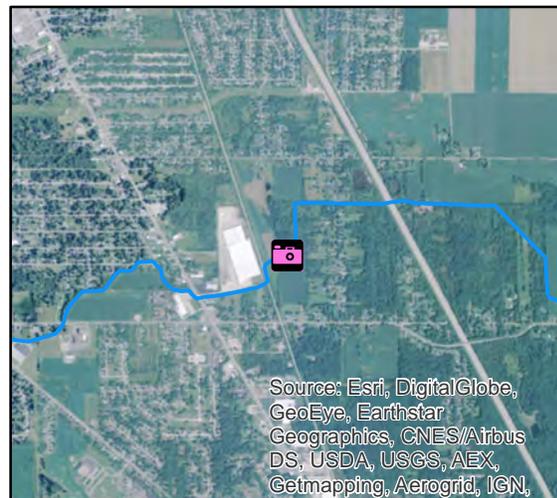
Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Concrete crossing picture facing upstream.

Observation Location:



Source: Esri, DigitalGlobe,
 GeoEye, Earthstar
 Geographics, CNES/Airbus
 DS, USDA, USGS, AEX,
 Getmapping, Aerogrid, IGN,

Photo 1

Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto105

Photo 1 Direction: West

Photo 2 Direction:

Comments:

Berm running along the east side of the drain from here to the road for next 1500' to end. Approximately 5' high. Picture facing west across the drain.

Observation Location:

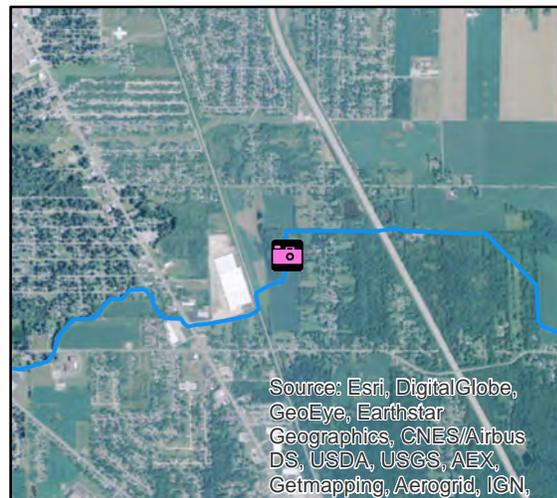


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
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				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto106

Photo 1 Direction: Facing Downstream

Photo 2 Direction:

Comments:

66" RCP farm crossing facing downstream.

Observation Location:

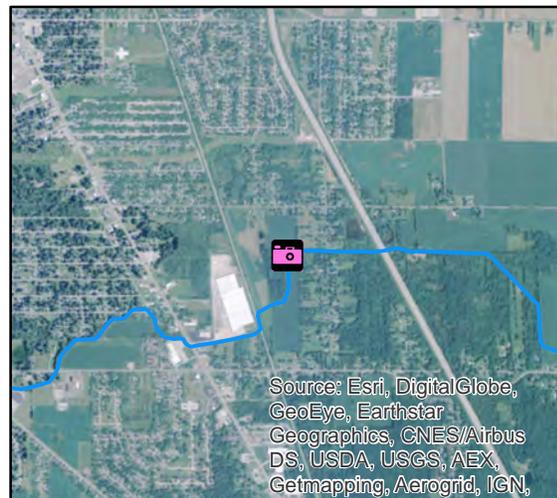


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
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NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto107

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

66" RCP farm crossing picture facing upstream.

Observation Location:

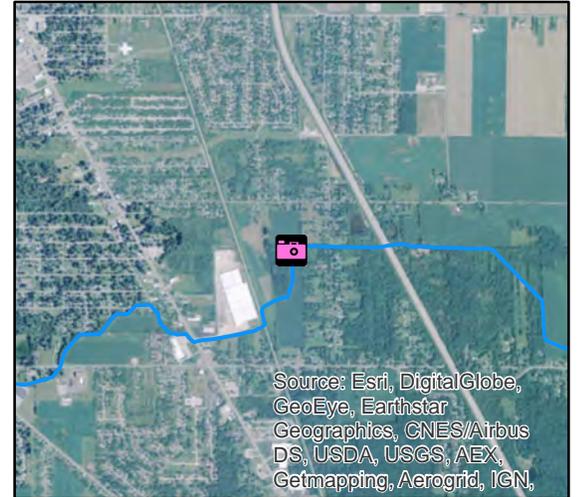


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto108

Photo 1 Direction: Facing Downstream

Photo 2 Direction:

Comments:

House and shed approximately 35' north of drain centerline. Picture facing downstream.

Observation Location:

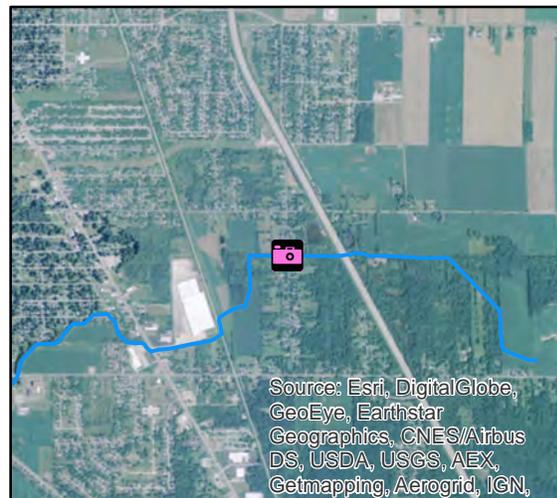


Photo 1

Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto109

Photo 1 Direction: South

Photo 2 Direction:

Comments:

Possible property line marker or utility marker.

Observation Location:

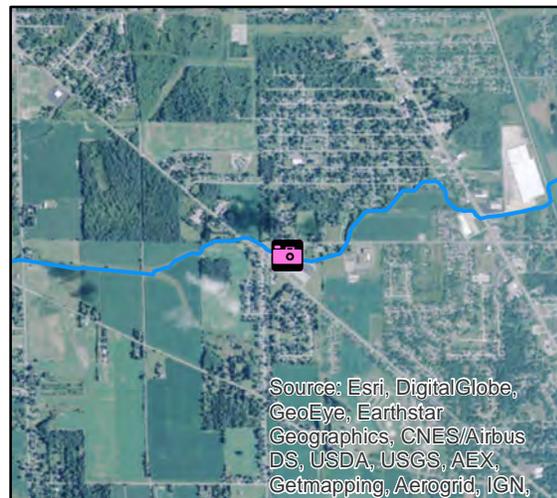


Photo 1

Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto110

Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:
Farm crossing.

Observation Location:

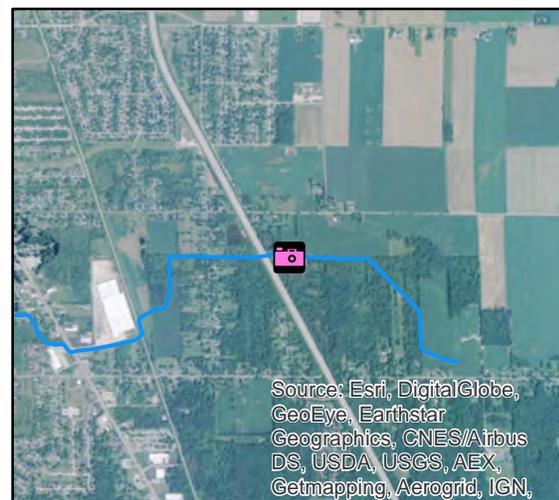


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto111

Photo 1 Direction:

Photo 2 Direction:

Comments:

Concrete blocks stacked 40 ft left of drain.

Observation Location:

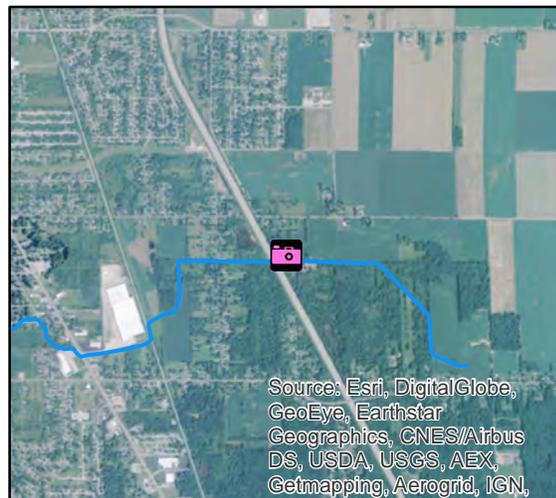


Photo 1

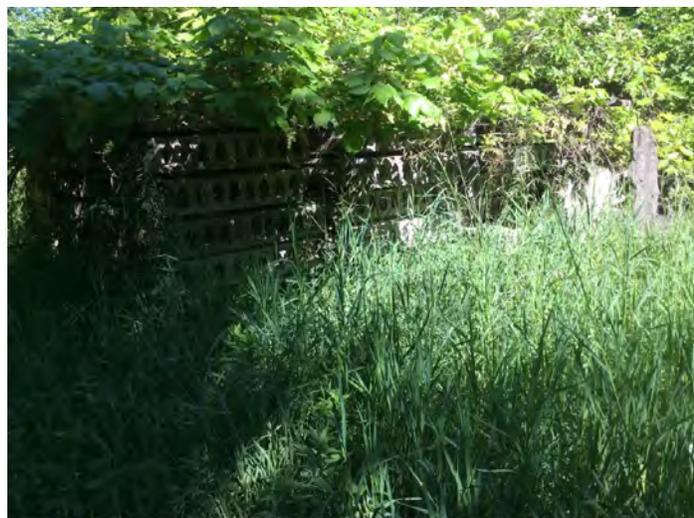


Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto112

Photo 1 Direction:

Photo 2 Direction:

Comments:

Significant increase in sediment depth and water depth just downstream of bridge crossing and field tile outlet.

Observation Location:

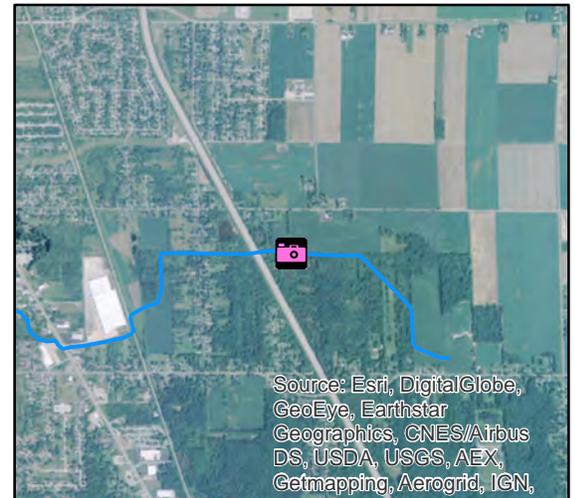


Photo 1



Photo 2

Photo 3

Photo 4

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				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto113

Photo 1 Direction: South

Photo 2 Direction:

Comments:

On left side. Facing south towards drain. Depression with headwall.
 Potentially side drain for surface overflow.

Observation Location:

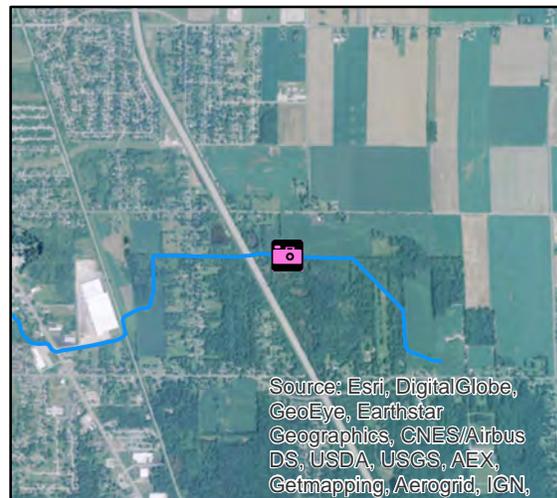


Photo 1

Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto114

Photo 1 Direction: Facing Upstream

Photo 2 Direction: North

Comments:

Tree stand on right side of drain up bank about 30 ft. Connects to wood bridge.

Observation Location:

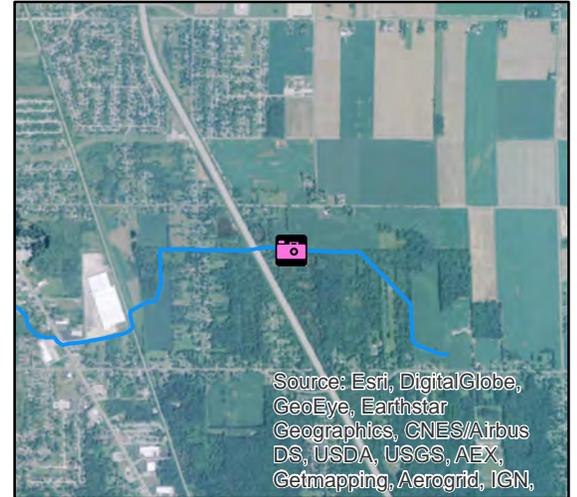


Photo 1



Photo 3

Photo 2



Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto115

Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:

Taken at bend in drain. Upstream seems manageable. Downstream along ag field is loose sediment, heavy vegetation, and very difficult to walk through.

Observation Location:

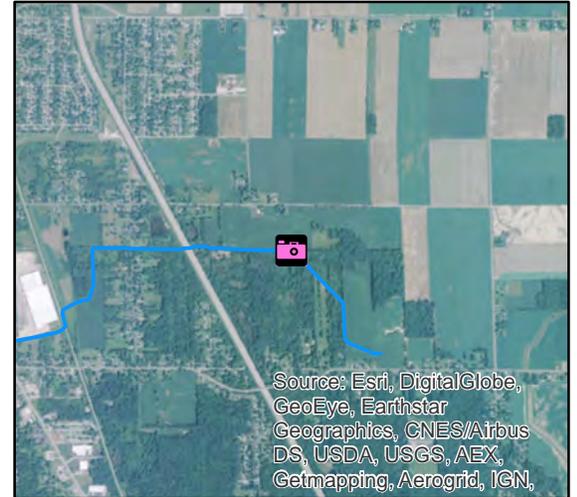


Photo 1



Photo 2



Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto116

Photo 1 Direction: Facing Upstream

Photo 2 Direction: Facing Downstream

Comments:

Massive amount of excessive vegetation on both sides of crossing.
Erosion on both sides with a hole on the downstream end of crossing.
Excessive vegetation growing on crossing. No guardrails- farm crossing.

Observation Location:

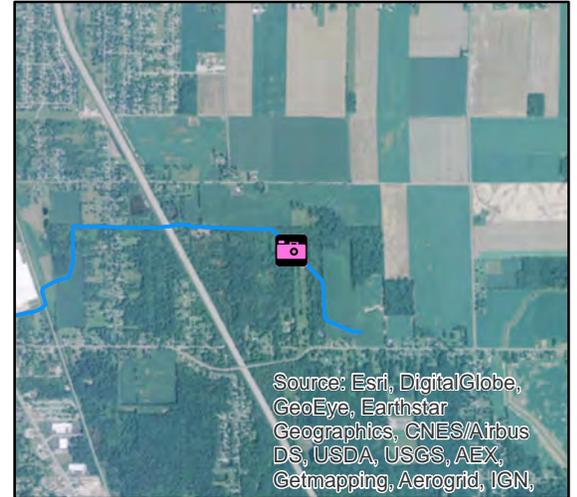


Photo 1



Photo 2



Photo 3

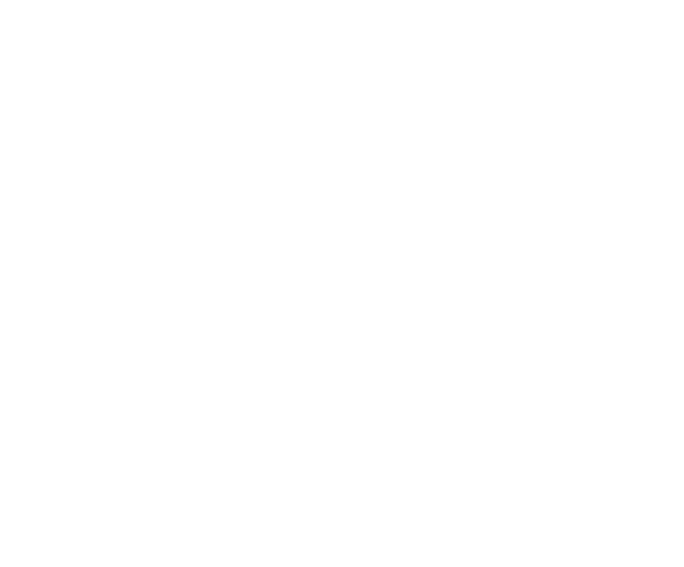
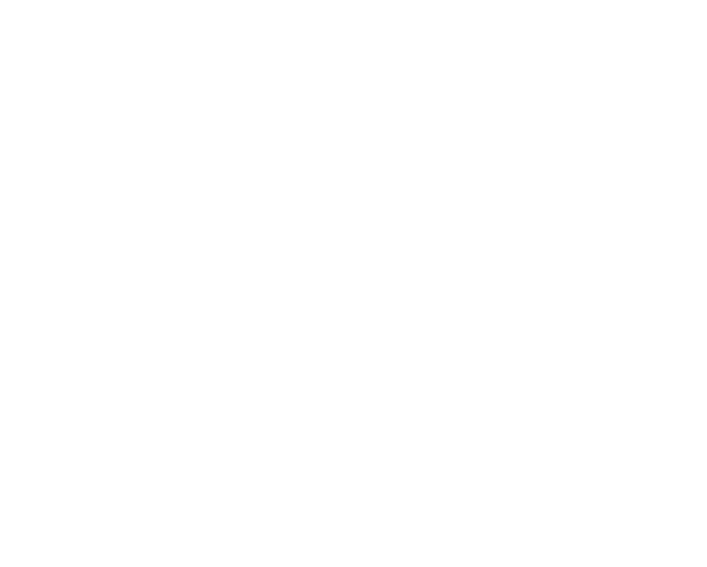


Photo 4



CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto117

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Drain width is significantly smaller- about 1 foot or less. Sediment and excessive grass growing on both sides of drain.

Observation Location:

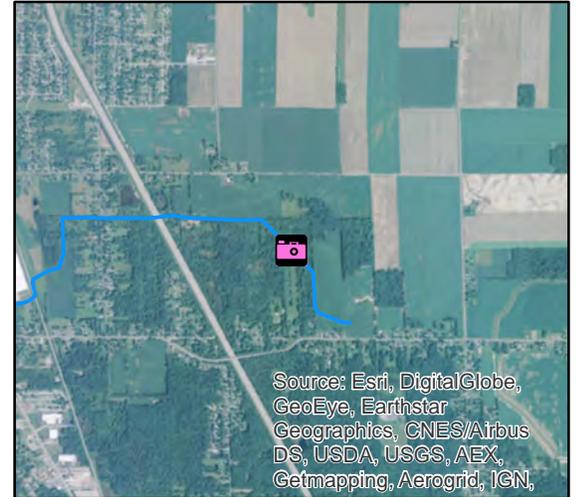


Photo 1



Photo 2

Photo 3

Photo 4

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NOTE				SHEET #:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto118

Photo 1 Direction: Northeast

Photo 2 Direction: Southwest

Comments:

20 ft clearing in excessive vegetation on both sides of drain at northwest corner of grassy field.

Observation Location:

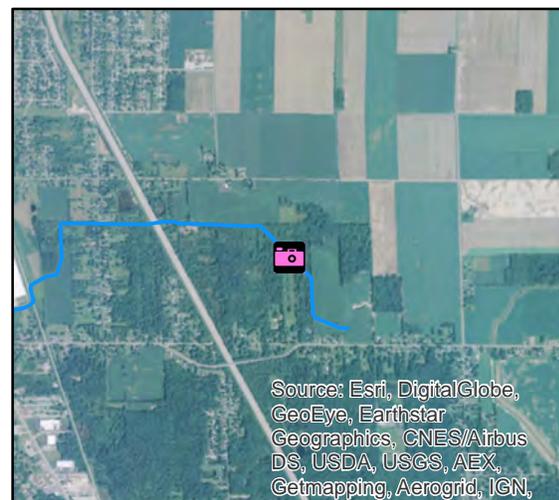


Photo 1



Photo 2



Photo 3

Photo 4

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				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto119

Photo 1 Direction: Facing Downstream

Photo 2 Direction:

Comments:

Excessive vegetation up to unimproved far crossing.. Picture facing downstream

Observation Location:

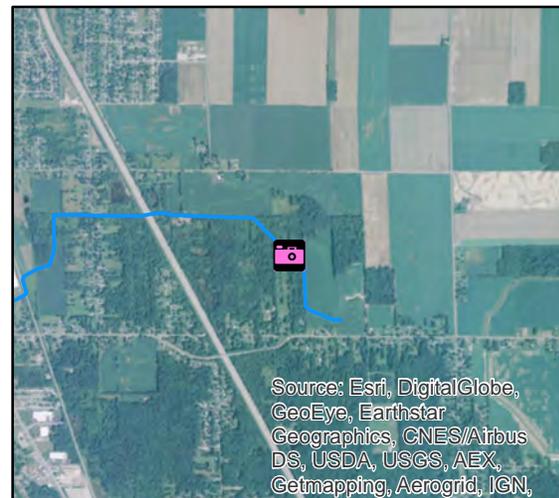


Photo 1



Photo 2

Photo 3

Photo 4

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				SCALE:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto120

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Unimproved farm crossing facing upstream.

Observation Location:

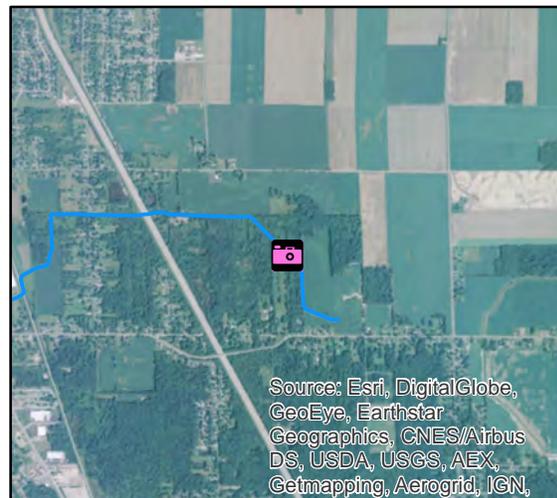


Photo 1



Photo 3

Photo 2

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto121

Photo 1 Direction: Facing Downstream

Photo 2 Direction:

Comments:

24" culvert farm crossing. Picture facing downstream.

Observation Location:

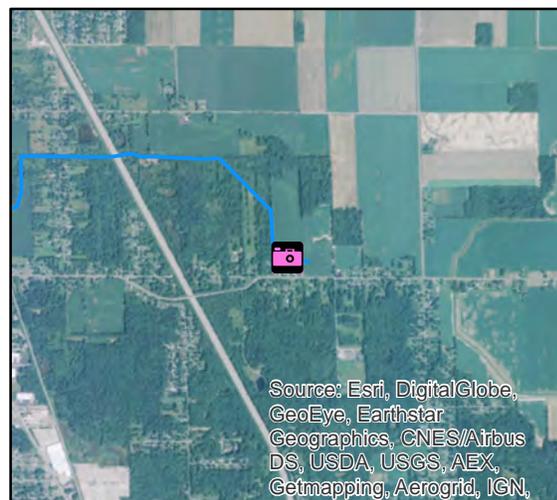


Photo 1



Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto122

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

24" culvert farm crossing picture facing upstream.

Observation Location:

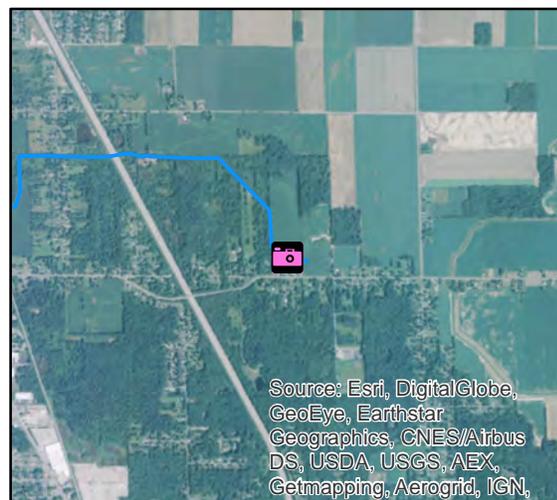


Photo 1



Photo 2

Photo 3

Photo 4

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NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto123

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Stagnant water on upstream end of 24" culvert farm crossing. Picture facing upstream.

Observation Location:

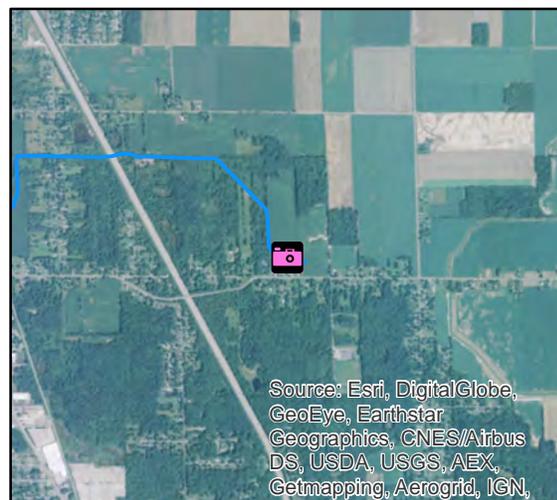


Photo 1



Photo 2

Photo 3

Photo 4

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King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto124

Photo 1 Direction: Facing Downstream

Photo 2 Direction:

Comments:

Drain at King street culvert crossing North side. Picture facing downstream

Observation Location:

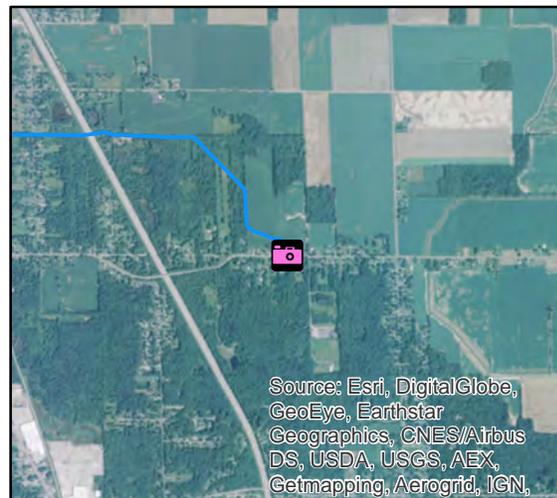


Photo 1

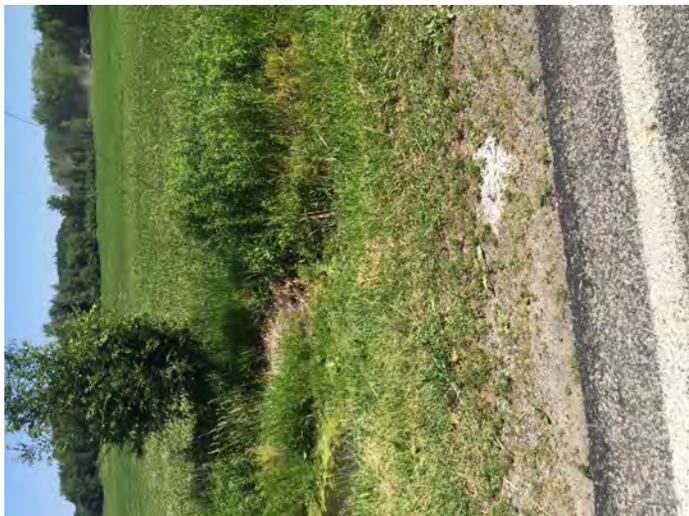


Photo 2

Photo 3

Photo 4

CLIENT	Saginaw County Public Works Commissioner	 HUBBELL, ROTH & CLARK, INC CONSULTING ENGINEERS SINCE 1915	555 Hulet Drive P.O. Box 824 Bloomfield Hills, MI 48303-0824 (248) 454-6300 http://www.hrc-engr.com	DATE:	08/16/2016
				SCALE:	
NOTE				SHEET #:	
				JOB #:	20160331

King Street Tile Drain Inspections

Inspection Report for Observation:
GeneralConditionPhoto125

Photo 1 Direction: Facing Upstream

Photo 2 Direction:

Comments:

Upstream end of described drain at beehive catch basin at King street culvert crossing . Picture facing upstream

Observation Location:

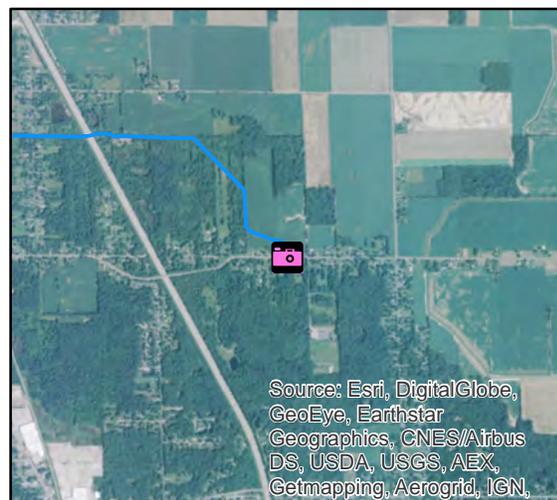


Photo 1

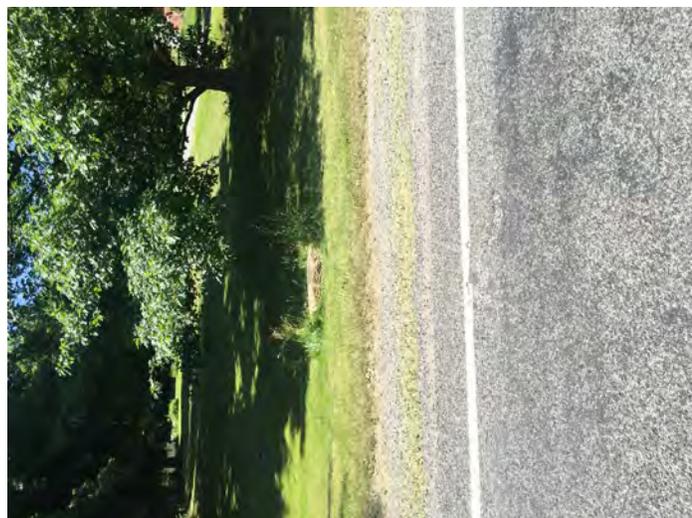


Photo 2

Photo 3

Photo 4

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