

Floyd County Storm Water Board Minutes
Held: February 6, 2024
4:30 P.M.

Welcome:

Present: Commissioners John Schellenberger, Al Knable and Jason Sharp, County Surveyor John Brinkworth, Director of Operations Don Lopp, Storm Water Coordinator Chris Moore, Attorney Rick Fox and Secretary Teresa Plaiss.

Regular Meeting

Program Maintenance:

Approval of Minutes – January 2, 2023

Mr. Knable made a motion to approve the minutes of January 2 as presented, seconded by Mr. Sharp. Motion carried by a vote of 4-0.

Mr. Lopp presented the Board with a report of the projects, number of hours spent and the amount of money spent on those projects by Public Works and Operations Department for the month of January.

Approval of Claims – February 6, 2024

Mr. Knable made a motion to approve the claims as presented, seconded by Mr. Sharp. Motion carried by a vote of 4-0.

Old Business:

Erosion Control Report– January – Chris Moore

Mr. Moore stated there are very few findings on the report. (The report is on file with the minutes.)

New Business:

Cedar Point Section 2 – Chris Moore – No Signature

Mr. Moore informed the Board Cedar Point Section 2 is fully built out and ready to be released as complete. Mr. Moore stated this needs to be done by the entity that approved the permit.

Mr. Knable made a motion to allow Mr. Moore to sign the release as requested, seconded by Mr. Sharp. Motion carried by a vote of 4-0

Riley Excavating Site – Jason Miller – Detention Pond Update

Jason Miller with Riley Excavating requested an extension of 15 days to complete the work requested by the Board.

Mr. Moore asked Mr. Miller to seed and straw the site as soon as possible.

Mr. Knable made a motion to extend the deadline until February 29, seconded by Mr. Sharp.
Motion carried by a vote of 4-0.

Public Comment:

Dale Mann, Georgetown, stated he would like to see the report Mr. Lopp presented put up on the monitors in the meeting room.

Adjournment

With there being no other business, a motion made by Mr. Knable to adjourn, seconded by Mr. Sharp. Motion carried. Meeting adjourned at 4:48 P.M. The next regular meeting of the Board on March 5, 2024 at 4:30 P.M, unless otherwise notified.

John Schellenberger President

John Brinkworth, Vice-President

Al Knable, Member

Jason Sharp, Member

Attest: _____
Teresa Plaiss, Clerk



LANDSCAPING LLC



EPSC Site Review Inspections

Summary Report

Date of Inspections: February 2024

Performed by: Frank Walden

Assembled by: Cameron Voyles

**** Information in the parentheses next to each item is what was found during the follow up inspection.****

1. **Billy Joe Mini Warehouses** (HWY 150 Floyds Knobs at intersection with Stiller RD)

- a) Site is dormant.

2. **Bridlewood** (Payne Koehler Road & Chapel Lane)

- a) Silt fence around soil stockpile. (since 2/24 – **not fixed**)
- b) Silt fence not maintained in multiple locations. (since 2/24 – **not fixed**)
- c) No inlet protection, evidence of sediment going into the inlet. (since 2/24 - **not fixed**)

3. **Cedar Pointe II** (Everett Avenue & Highway 150)

- a) Site is complete.

4. **Chambord** (Paoli Pike and Old Hill RD)

- a) Only one lot has active construction.
- b) Perimeter sediment control not installed correctly, some sediment getting into the roadway and gutter. (since 2/24 – **not fixed**)

5. **Eastridge Borrow Site** (Highway 111)

- a) Site has no issues. Current BMPs are being maintained.

6. **Eastridge Fill Site** (Highway 111)

- a) Site has no issues, just needs to keep maintaining the rock check dams and keeping the road clear of sediment.

Sites with evidence of off-site sedimentation

*** Sites with a high probability of off-site sedimentation

7. Gateway Village (Old Georgetown Road) ***

- a) Basin has minimal protections. (since 2/24 – not fixed)
- b) Silt fence near yellow fire hydrant at 4921 Old Georgetown Rd needs maintained. (since 2/24 – not fixed)
- c) Stockpile near construction entrance has no perimeter sediment control. (since 2/24 – not fixed)

8. Glades of Autumn Grove (Kenzig Road)

- a) Site is near completion. No problems were found during last inspection.

9. Glenwood Farms (Grantline RD and Dub Knob RD) ***

- a) Disturbed land unprotected, sediment covering curb inlets. (since 2/24 – not fixed)
- b) Silt fence not maintained in multiple locations. (since 2/24 – not fixed)

10. Greenville Substation (South of Miller Evans Road on Pekin Road)

- a) Site is complete.

11. Grove Park Apartments (East Knable Road)

- a) Roof downspout causing minor erosion. (since 2/24 – not fixed)

12. Grove Subdivision (St. Joseph Road)

- a) No perimeter sediment control around lot, sediment getting into gutter and roadway (since 2/24 – not fixed)
- b) Stockpile with no perimeter sediment control. (since 2/24 – not fixed)
- c) Curb inlet protection installed incorrectly. (since 2/24 – not fixed)
- d) Evidence of sediment coming from headwall entering basin. (since 2/24 – not fixed)

13. Henriott Meadows (Henriott Road & Winstewart Road)

- a) Concrete washout full. (since 2/24 – not fixed)
- b) Construction entrance not maintained, sediment getting into the roadway. (since 2/24 – not fixed)
- c) Inlet protection needs maintained, sediment surrounding it. (since 2/24 – not fixed)
- d) Silt fence needs maintained in multiple areas. (since 2/24 – not fixed)

14. High Pointe (Old Hill Road)

- a) No active construction.

Sites with evidence of off-site sedimentation

*** Sites with a high probability of off-site sedimentation

15. **Highlands** (Old Vincennes Road and Schrieber Road)
 - a) Silt fence needs maintained in multiple locations. (since 2/24 – not fixed)
 - b) Concrete washout is full. (since 2/24 – not fixed)
 - c) Construction entrances not maintained, sediment getting into the roadway. (since 2/24 – not fixed)

16. **Kamer Crossing** (Kamer Miller Road and Highland Oaks Drive) ***
 - a) Silt fence needs maintained in multiple locations. (since 2/24 – not fixed)
 - b) Basin is unprotected. (since 2/24 – not fixed)
 - c) Stockpile has no perimeter sediment control BMP. (since 2/24 – not fixed)

17. **Knob Hill Multi-Family Development** (North side of SR 64 just West of Oaks RD)
 - a) No perimeter sediment control in multiple areas where land has been disturbed. (since 2/24 – not fixed)
 - b) Unprotected inlet, sediment surrounding the inlet. (since 2/24 – not fixed)

18. **Knob Hill Subdivision** (North side of SR 64 just West of Oaks RD) ***
 - a) No perimeter sediment control around a few lots. (since 2/24 – not fixed)
 - b) Concrete washout needs cleaned out. (since 2/24 – not fixed)

19. **Legacy Springs** (Corydon Ridge & Old Salem on right – Legacy Springs Blvd)
 - a) No active construction.

20. **Northside Basin – North** (Charlestown Road)
 - a) Site is complete.

21. **Poplar Woods** (Old Salem Road and Yenowine Lane) ***
 - a) No perimeter sediment control in multiple areas where land has been disturbed. (since 2/24 – not fixed)
 - b) Minor amounts of sediment in roadway/gutter in some locations. (since 2/24 – not fixed)

22. **Receveur Apartments** (Mel Smith Road and Grant Line Road)
 - a) Site is completed.

Sites with evidence of off-site sedimentation

*** Sites with a high probability of off-site sedimentation

23. Riley's Excavating, LLC Site (State Road 62)

- a) No issues were found during last inspection.

24. Springs of Old Georgetown (Old Georgetown Road & Yenowine Lane)

- a) Multiple inlet protections need replaced, covered in sediment. (since 2/24 – not fixed)
- b) No perimeter sediment control in multiple locations where land has been disturbed, sediment getting into the roadway. (since 2/24 – not fixed)

25. The Timbers (On Edwardsville Galena RD about a mile North of Frank Ott RD)

- a) No active construction.

26. Villages at Autumn Grove (Kenzig Road)

- a) Silt fence needs maintenance in one location. (since 2/24 – not fixed)
- b) Inlet protection needs replaced. (since 2/24 – not fixed)

27. Villages of Valley View (Lawrence Banet Road) ***

- a) Silt fence needs maintained in multiple locations. (since 2/24 – not fixed)
- b) Construction entrance needs maintained, some sediment getting into the roadway. (since 2/24 – not fixed)

28. Villas of Floyds Knobs (SW Side of Vincennes RD 1320 ft West of SR 150 – Tuscany Drive) ***

- a) Only one lot being constructed in subdivision.
- b) No perimeter sediment control around disturbed land. (since 2/24 – not fixed)

29. Westfield Springs (Alonzo Smith Road & Frank Ott Road)

- a) Multiple inlets unprotected or protections need maintenance. (since 1/24 – fixed)
- b) Concrete washout needs cleaned out. (since 12/23 – fixed)

30. Windsor Creek (Kamer Miller Road)

- a) Site is near completion.

31. Woods of Skyline (Skyline DR & Skyline CT)

- a. No active construction

Sites with evidence of off-site sedimentation

*** Sites with a high probability of off-site sedimentation

REGISTER OF CLAIMS FOR STORMWATER

MEETING 03-5-24

DATE FILED	CLAIM #	FUND NO.	AMOUNT ALLOWED	DISCRIPTION
2/27/2024	1	1197	\$ 3,410.00	HERITAGE ENGINEERING, LLC Fl Co Third Party Review Erosion Control Plans
2/29/2024	2	1197	\$ 22,123.12	Services Provided to Storm Water District Storm Water Work Plan Activities
TOTAL			\$ 25,533.12	

John Schellenberger, President

John Brinkworth, Vice-President

Al Knable, Member

Jason Sharp, Member

HERITAGE ENGINEERING, LLC



642 S 4th Street, Suite 100
Louisville, KY 40202
812-280-8201 502-562-1412

Floyd County Government
Don Lopp
Pine View Government Center
2524 Corydon Pike, Suite 202
New Albany, IN 47150

Invoice number 22057-03
Date 03/03/2023
Project 22057 Floyd County Sanitary Sewer
Improvements Projects – RFP #01SW

For Professional Services Rendered Through February 28, 2023

Invoice Summary

Description	Contract Amount	Percent Complete	Prior Billed	Total Billed	Remaining	Current Billed
TASK 1A - SURVEY - WHIPPOORWILL HEIGHTS	16,550.00	60.42	10,000.00	10,000.00	6,550.00	0.00
TASK 1B - SURVEY - FAIRWAY DRIVE	15,000.00	0.00	0.00	0.00	15,000.00	0.00
TASK 1C - SURVEY - GOLFLAND ESTATES	7,500.00	80.00	0.00	6,000.00	1,500.00	6,000.00
TASK 2A - CONSTRUCTION DOCUMENTS - WHIPPOORWILL HEIGHTS	35,000.00	20.71	6,650.00	7,250.00	27,750.00	600.00
TASK 2B - CONSTRUCTION DOCUMENTS - FAIRWAY DRIVE	55,000.00	1.09	0.00	600.00	54,400.00	600.00
TASK 2C - CONSTRUCTION DOCUMENTS - GOLFLAND ESTATES	35,000.00	3.17	0.00	1,110.00	33,890.00	1,110.00
TASK 3A - CONSTRUCTION ADMIN - WHIPPOORWILL HEIGHTS	10,000.00	0.00	0.00	0.00	10,000.00	0.00
TASK 3B - CONSTRUCTION ADMIN - FAIRWAY DRIVE	15,000.00	0.00	0.00	0.00	15,000.00	0.00
TASK 3C - CONSTRUCTION ADMIN - GOLFLAND ESTATES	7,500.00	0.00	0.00	0.00	7,500.00	0.00
TASK 4 - EASEMENT PLATS @ \$1500 EACH	21,000.00	0.00	0.00	0.00	21,000.00	0.00
REIMBURSABLES	0.00	0.00	0.00	0.00	0.00	0.00
Total	217,550.00	11.47	16,650.00	24,960.00	192,590.00	8,310.00

Invoice total **\$8,310.00**

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
22057-01	01/04/2023	5,250.00		5,250.00			
22057-02	02/06/2023	11,400.00	11,400.00				

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
22057-03	03/03/2023	8,310.00	8,310.00				
	Total	24,960.00	19,710.00	5,250.00	0.00	0.00	0.00

Approved by:



Robert L. Woosley Jr., P.E.

Department of Operations
 Invoice of Services Provided to Floyd County Storm Water District
 February 1 – February 29, 2024 Invoice: 2

Code	Date	Location	Location	Amount
6	2.6.24	Bradford Road	Maintenance –Ditch	\$2,188.42
6	2.7.24	French Creek Road	Maintenance –Pipe	\$444.89
6	2.7.24	Jersey Park	Maintenance – Culvert	\$832.98
6	2.7.24	Georgetown-Greenville Road	Maintenance – Ditch	\$1,250.40
6	2.14.24	Royal Troon	Maintenance – Storm Structure	\$2,077.16
6	2.14.24	East Knable Arthur Coffman Roads	Maintenance – Culverts	\$577.57
6	2.15.24	Royal Troon	Maintenance – Storm Structure	\$1,665.76
6	2.20-2.26	Fairways of Valley View	Maintenance – Catch Basin	\$6,810.00
6	2.26-2.28	Jackson Springs	Maintenance –Curb	\$2,498.62
6	2.28	Budd Road	Maintenance-Culvert	\$2,336.23
Code	Administrative			
6	Cindy Behr	Office Manager –DHPW	Administrative	\$218.0
4	Cameron Voyles	Engineering in Training	Engineering	\$194.93
6	Horacio Urieta	Engineer	Engineering	\$183.58
6	Teresa Plaiss	Administrative Assistant – Operations	Administrative	
6	Don Lopp	Director of Operations	Administrative	\$653.09
4	Frank Walden	Planning Tech	Inspection	\$191.47
Total				\$22,123.12

Storm Water Work Plan Code of Activities

1. Public Education and Outreach
2. Public Participation and Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site Stormwater Run-Off Control
5. Post Construction Stormwater Run-Off Control
6. Municipal Operations Pollution Prevention and Good Housekeeping

Work Order	Project Name	Type	Manpower	Hours Worked	Subtotal	Total Including Fringe	Equipment	Number of Equipment	Equipment Hours	Total	Material	Invoice Number(s)
	Soil Erosion Inspections		TD/L	0	\$ -	\$ -	Dump Truck	0	0	\$ -		
			Operator	0	\$ -	\$ -	Backhoe	0	0	\$ -		
			Light Operator	0	\$ -	\$ -	Pumper	0	0	\$ -		
				Working Total	\$ -	\$ -				\$ -		
			Supervisor	0	\$ -	\$ -				\$ -		
			Superintendent	0	\$ -	\$ -				\$ -		
				Hours Worked	\$ -	\$ -				\$ -		
				Subtotal	\$ -	\$ -				\$ -		
			Equipment	0	\$ -	\$ -	Pick Up	0	0	\$ -		
				Number of Equipment	\$ -	\$ -				\$ -		
				Equipment Hours	\$ -	\$ -				\$ -		
				Total	\$ -	\$ -				\$ -		
			Administrative	10	\$ 611.95	\$ 611.95				\$ 611.95		
			Administrative Staff	10	\$ 611.95	\$ 611.95				\$ 611.95		
				Hours Worked	\$ 611.95	\$ 611.95				\$ 611.95		
				Subtotal	\$ 611.95	\$ 611.95				\$ 611.95		
			Equipment	1	\$ 41.14	\$ 41.14	Pick Up	1	2	\$ 41.14		
				Number of Equipment	\$ 41.14	\$ 41.14				\$ 41.14		
				Equipment Hours	\$ 41.14	\$ 41.14				\$ 41.14		
				Total	\$ 41.14	\$ 41.14				\$ 41.14		
			Administrative	0	\$ -	\$ -				\$ -		
			Engineer	0	\$ -	\$ -				\$ -		
			Engineer	0	\$ -	\$ -				\$ -		
			Engineer in Training	0	\$ -	\$ -				\$ -		
			Planning Tech	0	\$ -	\$ -				\$ -		
				Working Total	\$ 653.09	\$ 653.09				\$ 653.09		
				Subtotal	\$ 653.09	\$ 653.09				\$ 653.09		
				Total	\$ 653.09	\$ 653.09				\$ 653.09		

Thursday, February 22, 2024

Week: 2/26/2024 - 2/29/2024

Description of work:		February 26, 2024		Name: Cameron Voyles	
Administrative	Administrative				
Administrative Staff	Administrative				
Hours Worked	Administrative	0	0	0	0
Subtotal		0	0	0	0
Total with Fringe		\$ -	\$ -	\$ -	\$ -
Equipment	Pick Up	0	0	0	0
Number of Equipment	Sprint	0	0	0	0
Equipment Hours	Sprint	0	0	0	0
Total		\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ -	\$ -	\$ -
Director Operations	Engineer	0	0	0	0
Engineer	Engineer In Training	0	63.94	0	77.97
Engineer In Training	Planning Tech	2	0	0	0
Working Total					77.97
Working Total					77.97

Expenses

Description of work:		February 12 & 15, 2024		Name: Cameron Voyles	
Administrative	Administrative				
Administrative Staff	Administrative	0	0	0	0
Hours Worked		0	0	0	0
Subtotal		0	0	0	0
Total with Fringe		\$ -	\$ -	\$ -	\$ -
Equipment	Sprint	0	0	0	0
Number of Equipment		0	0	0	0
Equipment Hours		0	0	0	0
Total		\$ -	\$ -	\$ -	\$ -
Director Operations	Director Operations	0	0	0	0
Engineer	Engineer	0	0	0	0
Engineer in Training	Engineer in Training	2	63.94	2	77.97
Planning Tech	Planning Tech	0	0	0	0
Working Total		0	63.94	2	77.97
Total		\$ -	\$ -	2	\$ 77.97

Week: 2/12/2024 - 2/16/2024

Week: 2/19/2024 - 2/23/2024

Description of work:		February 23, 2024		Name:	
Administrative	Administrative				
Administrative Staff	Administrative				
Hours Worked	0				
Subtotal	0				
Total with Fringe	\$ -				
Equipment	Sprint				
Number of Equipment	0				
Hours	0				
Total	\$ -				
Director Operations	Director Operations				
Hours Worked	0				
Subtotal	0				
Total with Fringe	\$ -				
Equipment	Pick Up				
Number of Equipment	0				
Hours	0				
Total	\$ -				
Engineer	Engineer				
Hours Worked	0				
Subtotal	0				
Total with Fringe	\$ -				
Equipment	Sprint				
Number of Equipment	0				
Hours	0				
Total	\$ -				
Engineer In Training	Engineer In Training				
Hours Worked	1				
Subtotal	31.97				
Total with Fringe	\$ 38.99				
Equipment	Sprint				
Number of Equipment	0				
Hours	0				
Total	\$ -				
Planning Tech	Planning Tech				
Hours Worked	0				
Subtotal	0				
Total with Fringe	\$ -				
Working Total	\$ 38.99				
Total	\$ 38.99				

Name: Cameron Voyles

Work Order	Project Name	Type	Manpower	Number of Employees	Hours Worked	Subtotal	Total Including Fringe	Equipment	Number of Equipment	Equipment Hours	Total	Supervisor	Hours Worked	Subtotal	Total	Equipment	Number of Equipment	Equipment Hours	Total	Material	Invoice Number(s)
NA	Bradford Rd	Maintenance- Ditch	TD/L	3	6	\$ 467,5563	\$ 467,5563	Dump Truck	3	6	\$ 1,183.50	Supervisor	1	\$ 42.09	\$ 51.33	Pick Up	1	0	\$ -		
			Operator	1	6	\$ 138.06	\$ 168,3642	Backhoe	1	6	\$ 263.46	Crew Leader	1	\$ 28.05	\$ 34.21	Pick Up	1	0	\$ -		
			Light Operator	0	0	\$ -	\$ -		0	0	\$ -	Crew Leader	0	\$ -	\$ 85.54		None	0	\$ -	\$ 2,168.42	
			Engineer	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Engineer In Training	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Planning Tech	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Administrative	1	0	\$ 22.43	\$ 27.35		0	0	\$ -	Administrative	1	\$ 22.43	\$ 27.35		None	0	\$ -	\$ -	
			Director Operations	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Administrative	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Equipment	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Equipment Hours	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Number of Equipment	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Equipment Hours	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Subtotal	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Total With Fringe	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Working Total	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Working Total	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Equipment Hours	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Number of Equipment	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Equipment Hours	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Subtotal	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Total With Fringe	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Working Total	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	
			Working Total	0	0	\$ -	\$ -		0	0	\$ -		0	\$ -	\$ -		None	0	\$ -	\$ -	

Tuesday, February 6, 2024

Work Center	Project Name	Project Type	Maintenance Structure	202413-202412	Thursday, February 15, 2024	Completed Through 02/15/2024
Manager	TOL	Operator	Light Operator	Working Total		
Number of Employees	4	0	0	0	0	0
Hours Worked	6	0	0	0	0	0
Subtotal	\$ 511.20	\$ -	\$ -	\$ -	\$ -	\$ -
Total Including Fringe	\$ 623,408.4	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	Dump Truck	Bulldozer	None	None	None	None
Number of Equipment	2	0	0	0	0	0
Equipment Hours	6	0	0	0	0	0
Total	\$ 789.00	\$ -	\$ -	\$ -	\$ -	\$ -
Supervisor	Supervisor	Crew Leader	Crew Leader	Working Total		
Hours Worked	2	2	0	0	0	0
Subtotal	\$ 841.8	\$ 561	\$ -	\$ -	\$ -	\$ -
Total	\$ 102.65	\$ 69.41	\$ 171.07	\$ 1,655.76	\$ -	\$ -
Equipment	Pick Up	Pick Up	None	None	None	None
Number of Equipment	1	1	0	0	0	0
Equipment Hours	2	2	0	0	0	0
Total	\$ 41.14	\$ 41.14	\$ -	\$ -	\$ -	\$ -
Administrative	Administrative	Director Operations	Engineer	Engineer in Training	Flaring Tech	Working Total
Hours Worked	1	0	0	0	0	0
Subtotal	\$ 27.35	\$ -	\$ -	\$ -	\$ -	\$ -
Total with Fringe	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	None	None	None	None	None	None
Number of Equipment	0	0	0	0	0	0
Equipment Hours	0	0	0	0	0	0
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 27.35	\$ -	\$ -	\$ -	\$ -	\$ -

Work Order	Project Name	Type	Manpower	Hours Worked	Subtotal	Total Including Fringe	Equipment	Number of Equipment	Equipment Hours	Total	Supervisor	Hours Worked	Subtotal	Total	Equipment	Number of Equipment	Equipment Hours	Total	Material	Invoice Number(s)
N/A	Jessy Park Tte	Maintenance - Culvert	TD/L	4	\$ 255.60	\$ 311,7042	Dump Truck	2	394.50	\$ 394.50	Superintendent	1	42.09	\$ 51.33	Pick Up	1	20.57	\$ 20.57		
			Operator	0	\$ -	\$ -	Backhoe	0	0	\$ -	Crew Leader	1	28.05	\$ 34.21	Pick Up	1	20.57	\$ 20.57		
			Light Operator	0	\$ -	\$ -		0	0	\$ -	Crew Leader	0	0	\$ -		0	0	\$ -		
			Working Total	0	\$ -	\$ 311.70		0	0	\$ 394.50		0	0	\$ 85.54		0	0	\$ 41.14		\$ 832.88
			Administrative	1	\$ 22.43	\$ 27.35		0	0	\$ -	Administrative	0	0	\$ -		0	0	\$ -		
			Administrative Staff	1	\$ 22.43	\$ 27.35		0	0	\$ -	Director Operations	0	0	\$ -		0	0	\$ -		
			Subtotal	22.43	\$ 27.35	\$ 27.35		0	0	\$ -	Engineer	0	0	\$ -		0	0	\$ -		
			Total with Fringe	22.43	\$ 27.35	\$ 27.35		0	0	\$ -	Engineer in Training	0	0	\$ -		0	0	\$ -		
			Equipment	0	\$ -	\$ -		0	0	\$ -	None	0	0	\$ -		0	0	\$ -		
			Number of Equipment	0	\$ -	\$ -		0	0	\$ -	None	0	0	\$ -		0	0	\$ -		
			Equipment Hours	0	\$ -	\$ -		0	0	\$ -	None	0	0	\$ -		0	0	\$ -		
			Total	0	\$ -	\$ -		0	0	\$ -	Planning Tech	0	0	\$ -		0	0	\$ -		
			Working Total	0	\$ -	\$ 27.35		0	0	\$ -		0	0	\$ -		0	0	\$ -		
			Total	0	\$ -	\$ 27.35		0	0	\$ -		0	0	\$ -		0	0	\$ -		

Friday, February 7, 2025

Work Order	MA	10900	Project Name	10900	Maintenance-Ditch	Type	10900	Project Name	10900	Maintenance-Ditch	Type
Work Order	MA	10900	Project Name	10900	Maintenance-Ditch	Type	10900	Project Name	10900	Maintenance-Ditch	Type
Hours Worked	3	3	3	3	3	3	3	3	3	3	3
Number of Employees	3	3	3	3	3	3	3	3	3	3	3
Subtotal	\$ 191.70	\$ 191.70	\$ 191.70	\$ 191.70	\$ 191.70	\$ 191.70	\$ 191.70	\$ 191.70	\$ 191.70	\$ 191.70	\$ 191.70
Total Including Fringe	\$ 233.7782	\$ 233.7782	\$ 233.7782	\$ 233.7782	\$ 233.7782	\$ 233.7782	\$ 233.7782	\$ 233.7782	\$ 233.7782	\$ 233.7782	\$ 233.7782
Equipment	Dump Truck	3	3	3	3	3	3	3	3	3	3
Number of Equipment	3	3	3	3	3	3	3	3	3	3	3
Equipment Hours	\$ 591.75	\$ 591.75	\$ 591.75	\$ 591.75	\$ 591.75	\$ 591.75	\$ 591.75	\$ 591.75	\$ 591.75	\$ 591.75	\$ 591.75
Total											
Supervisor	Superintendent	1	1	1	1	1	1	1	1	1	1
Hours Worked	42.09	42.09	42.09	42.09	42.09	42.09	42.09	42.09	42.09	42.09	42.09
Subtotal	\$ 51.33	\$ 51.33	\$ 51.33	\$ 51.33	\$ 51.33	\$ 51.33	\$ 51.33	\$ 51.33	\$ 51.33	\$ 51.33	\$ 51.33
Total											
Equipment	Pick Up	1	1	1	1	1	1	1	1	1	1
Number of Equipment	1	1	1	1	1	1	1	1	1	1	1
Equipment Hours	\$ 61.71	\$ 61.71	\$ 61.71	\$ 61.71	\$ 61.71	\$ 61.71	\$ 61.71	\$ 61.71	\$ 61.71	\$ 61.71	\$ 61.71
Total											
Material											
Invoice Number(s)											
Administrative	Administrative	1	1	1	1	1	1	1	1	1	1
Hours Worked	22.43	22.43	22.43	22.43	22.43	22.43	22.43	22.43	22.43	22.43	22.43
Subtotal	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35
Total with Fringe											
Equipment	None	0	0	0	0	0	0	0	0	0	0
Number of Equipment	0	0	0	0	0	0	0	0	0	0	0
Equipment Hours	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total											
Administrative Staff	Administrative	1	1	1	1	1	1	1	1	1	1
Director Operations	Director Operations	0	0	0	0	0	0	0	0	0	0
Engineer	Engineer	0	0	0	0	0	0	0	0	0	0
Engineer in Training	Engineer in Training	0	0	0	0	0	0	0	0	0	0
Planning Tech	Planning Tech	0	0	0	0	0	0	0	0	0	0
Working Total	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35
Total	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35	\$ 27.35

Wednesday, February 7, 2024

Work Order	Project Name	Type	Manpower	Hours Worked	Number of Employees	Total Including Fringe	Subtotal	Equipment	Number of Equipment	Equipment Hours	Total	Superior	Hours Worked	Subtotal	Equipment	Number of Equipment	Equipment Hours	Total	Material	Invoice Number(s)	
319439	2628 French Creek	Maintenance - Pipe	TD/L	1	1	\$ 77,926	\$ 63,90	Pumper	1	3	\$ 197,25	Superintendent	1	\$ 42,09	Pick Up	1	0	\$ -	\$ -		
			Operator	1	3	\$ 84,182	\$ 69,03	Backhoe	0	0	\$ -	Crew Leader	1	\$ 28,05	Pick Up	1	0	\$ -	\$ -		
			Light Operator	0	0	\$ -	\$ -	None	0	0	\$ -	Crew Leader	0	\$ -	None	0	0	\$ -	\$ 444,89		
			Working Total	162.11	197.25	\$ 162.11	\$ 162.11	None	0	0	\$ 197.25			\$ 85.54				\$ -			
			Administrative	1	1	\$ 27.35	\$ -	None	0	0	\$ -	Administrative Staff	1	\$ 27.35	None	0	0	\$ -	\$ -		
			Director Operations	0	0	\$ -	\$ -	None	0	0	\$ -			\$ -	Engineer	0	0	\$ -	\$ -		
			Engineer	0	0	\$ -	\$ -	None	0	0	\$ -			\$ -	Engineer in Training	0	0	\$ -	\$ -		
			Planning Tech	0	0	\$ -	\$ -	None	0	0	\$ -			\$ -		0	0	\$ -	\$ -		
			Working Total	27.35	27.35	\$ 27.35	\$ 27.35	None	0	0	\$ -			\$ -				\$ -	\$ -		
			Equipment	0	0	\$ -	\$ -	None	0	0	\$ -			\$ -				\$ -	\$ -		
			Number of Equipment	0	0	\$ -	\$ -	None	0	0	\$ -			\$ -				\$ -	\$ -		
			Equipment Hours	0	0	\$ -	\$ -	None	0	0	\$ -			\$ -				\$ -	\$ -		
			Subtotal	22.43	22.43	\$ 22.43	\$ 22.43	None	0	0	\$ -			\$ -				\$ -	\$ -		
			Total with Fringe	27.35	27.35	\$ 27.35	\$ 27.35	None	0	0	\$ -			\$ -				\$ -	\$ -		
			Working Total	27.35	27.35	\$ 27.35	\$ 27.35	None	0	0	\$ -			\$ -				\$ -	\$ -		
			Total	27.35	27.35	\$ 27.35	\$ 27.35	None	0	0	\$ -			\$ -				\$ -	\$ -		

Wednesday, February 7, 2024

Week: 2/12/2024 - 2/16/2024

Description of work:		February 12 & 15, 2024		Name: Cameron Voyles	
Administrative	Administrative				
Administrative Staff	Administrative				
Hours Worked	Administrative	0			
Subtotal		0			
Total with Fringe		\$ -			
Equipment	Sprint	0			
Number of Equipment	Pick Up	0			
Equipment Hours	Sprint	0			
Total		\$ -			
	Engineer	0			
	Engineer	0			
	Engineer In Training	2			
	Engineer In Training	63.94			
	Planning Tech	0			
	Planning Tech	0			
Working Total					
Total		\$ 77.97			

Week: 2/19/2024 - 2/23/2024

Description of work:		February 23, 2024		Name: Cameron Voyles	
Administrative	Administrative				
Administrative Staff	Administrative	0	0	0	0
Hours Worked		0	0	0	0
Subtotal		0	0	0	0
Total with Fringe		\$ -	\$ -	\$ -	\$ -
Equipment	Sprint	0	0	0	0
Equipment	Pick Up	0	0	0	0
Number of Equipment		0	0	0	0
Hours		0	0	0	0
Total		\$ -	\$ -	\$ -	\$ -
Engineer	Engineer	0	0	0	0
Engineer	Engineer In Training	0	1	0	0
Hours Worked		0	31.97	0	0
Subtotal		0	38.99	0	0
Total with Fringe		\$ -	\$ 38.99	\$ -	\$ 38.99
Equipment	Sprint	0	0	0	0
Equipment	Sprint	0	0	0	0
Number of Equipment		0	0	0	0
Hours		0	0	0	0
Total		\$ -	\$ -	\$ -	\$ -
Working Total		\$ -	\$ 38.99	\$ -	\$ 38.99

Description of work:		February 26, 2024		Name: Cameron Voyles	
Administrative	Administrative				
Administrative Staff	Administrative				
Hours Worked	Administrative	0			
Subtotal	Administrative	0			
Total with Fringe	Administrative	\$ -			
Equipment	Administrative	Sprint			
Number of Equipment	Administrative	0			
Equipment Hours	Administrative	0			
Total	Administrative	\$ -			
Equipment	Director Operations	Pick Up			
Number of Equipment	Director Operations	0			
Equipment Hours	Director Operations	0			
Total	Director Operations	\$ -			
Equipment	Engineer	Sprint			
Number of Equipment	Engineer	0			
Equipment Hours	Engineer	0			
Total	Engineer	\$ -			
Equipment	Engineer In Training	Sprint			
Number of Equipment	Engineer In Training	0			
Equipment Hours	Engineer In Training	0			
Total	Engineer In Training	\$ 77.97			
Equipment	Planning Tech	Sprint			
Number of Equipment	Planning Tech	0			
Equipment Hours	Planning Tech	0			
Total	Planning Tech	\$ -			
Working Total					\$ 77.97
Total					\$ 77.97

Work Order	Project Name	SOI Erosion Inspections	Thursday, February 22, 2024		
Type	Manpower	TD/L	Operator	Light Operator	Working Total
Hours Worked	0	0	0	0	
Subtotal	\$ -	\$ -	\$ -	\$ -	
Total Including Fringe	\$ -	\$ -	\$ -	\$ -	
Equipment	Dump Truck	Backhoe	Pump		
Number of equipment	0	0	0		
Hours Worked	\$ -	\$ -	\$ -		
Subtotal	0	0	0		
Total	\$ -	\$ -	\$ -		
Supervisor	Superintendent	Crew Leader	Crew Leader		
Hours Worked	0	0	0		
Subtotal	\$ -	\$ -	\$ -		
Total	\$ -	\$ -	\$ -		
Equipment	Pick Up	Pick Up	Pick Up		
Number of equipment	0	0	0		
Hours Worked	\$ -	\$ -	\$ -		
Subtotal	0	0	0		
Total	\$ -	\$ -	\$ -		
Material					
Invoice Number(s)					
Administrative	Administrative	Director Operations	Engineer	Engineer in Training	Planning Tech
Hours Worked	0	0	0	0	4
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ 89.72
Total with Fringe	\$ -	\$ -	\$ -	\$ -	\$ 109.41
Equipment	Sprint	Pick Up	Sprint	Sprint	Sprint
Number of equipment	0	0	0	0	2
Hours Worked	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	0	0	0	0	
Total	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 109.41

Work Order	Project Name	Type	Manpower	Number of Employees	Hours Worked	Subtotal	Total Including Fringe	Equipment	Number of Equipment	Equipment Hours	Total	Material	Invoice Number(s)
			TD/L	0	0	\$ -	\$ -	Dump Truck	0	0	\$ -		
			Operator	0	0	\$ -	\$ -	Backhoe	0	0	\$ -		
			Light Operator	0	0	\$ -	\$ -	Pumper	0	0	\$ -		
						\$ -	\$ -				\$ -		
			Working Total			\$ -	\$ -				\$ -		
			Superintendent	0	0	\$ -	\$ -				\$ -		
			Crew Leader	0	0	\$ -	\$ -				\$ -		
						\$ -	\$ -				\$ -		
			Equipment	0	0	\$ -	\$ -	Pick Up	0	0	\$ -		
			Subtotal			\$ -	\$ -				\$ -		
			Hours Worked	0	0	\$ -	\$ -				\$ -		
			Administrative Staff	0	0	\$ -	\$ -				\$ -		
			Administrative	0	0	\$ -	\$ -				\$ -		
			Director Operations	0	0	\$ -	\$ -				\$ -		
			Engineer	0	0	\$ -	\$ -				\$ -		
			Engineer in Training	0	0	\$ -	\$ -				\$ -		
			Planning Tech	3	67.29	\$ 82.06	\$ 82.06				\$ 82.06		
			Working Total			\$ 82.06	\$ 82.06				\$ 82.06		
			Equipment	0	0	\$ -	\$ -	Pick Up	0	0	\$ -		
			Number of Equipment	0	0	\$ -	\$ -				\$ -		
			Equipment Hours	0	0	\$ -	\$ -				\$ -		
			Subtotal			\$ -	\$ -				\$ -		
			Total With Fringe			\$ -	\$ -				\$ -		
			Working Total			\$ 82.06	\$ 82.06				\$ 82.06		
			Equipment	0	0	\$ -	\$ -	Sprint	0	0	\$ -		
			Number of Equipment	0	0	\$ -	\$ -				\$ -		
			Equipment Hours	0	0	\$ -	\$ -				\$ -		
			Subtotal			\$ -	\$ -				\$ -		
			Total			\$ -	\$ -				\$ -		
			Material			\$ -	\$ -				\$ -		
			Invoice Number(s)			\$ -	\$ -				\$ -		

Friday, February 23, 2024

To: Mr. Chris Moore, Stormwater Coordinator Floyd County Stormwater Dept. 2524 Corydon Pike, Suite 201 New Albany, IN 47150	From: Kristen Hewes Michelle Bough, GISP Stantec Consulting Services, Inc. 9200 Shelbyville Road, Suite 800 Louisville, KY 40222
File: 175568500	Date: February 28, 2024

Reference: Draft 2024 Stormwater Billing System Updates and Projected Revenues

Stantec Consulting Services Inc. (Stantec) recently assisted Floyd County with updates to the County's Stormwater Billing System. Stantec has worked closely with representatives from the Floyd County Assessor's Office, Auditor's Office, and Stormwater Department to complete this work. Coordination efforts have included meetings, conference calls, and emails with Floyd County staff.

Stantec's task involves assisting Floyd County with developing the stormwater billing system file, which is used by Floyd County to assemble stormwater user fee information onto the property tax file. In order to complete this effort, Stantec utilized digital files from Floyd County's geographic information system (GIS) and Floyd County's 2023 aerial photography to spatially analyze data. Final deliverables, including updates to the impervious surface layer and the development of the stormwater billing file, were delivered to Floyd County on February 21, 2024 and February 27, 2024.

The estimated revenue for the 2023 stormwater billing is \$831,483.90, as detailed in the following table. Due to some parcel numbers not being active in the auditor's billing system until 2025, there was approximately \$1,217 that could not be billed and is not included in the projected revenue value. Projected revenues from previous years are shown in the second table.

Property Classification	No. of Bills**	ERUs	Avg. ERU	Avg. Bill	Projected Revenues
Agricultural	1,073	2,315	2.2	\$85.80	\$90,266
Commercial/Industrial/etc.	1,209	4,768	3.9	\$152.10	\$185,944
Residential*	14,170	14,238	1.0	\$39	\$555,274
2024 Totals	16,452	21,320			831,484

*Note: Residential includes all 500-level classified properties (single family residential, multi-family residential, etc.).

**Vacant property class codes are not included in the number of bills (for example, property classes 100, 300, 500, etc.).

Billing Year	Total Revenue	Difference
2020 Billing File	\$771,112	\$14,375
2021 Billing File	\$773,366	\$2,254
2022 Billing File	\$781,552	\$8,186
2023 Billing File	\$805,206	\$23,654
2024 Billing File	\$831,484	\$26,278

*Note: The updated revenue estimate from Floyd County data integration may be slightly different due to changes made to the parcel data after January 1, 2024.



February 28, 2024

Mr. Chris Moore, Stormwater Coordinator

Page 2 of 2

Reference: Draft 2024 Stormwater Billing System Updates and Projected Revenues

Stantec appreciates the opportunity to work with Floyd County on this important effort. Should you have any additional questions or comments regarding this correspondence or Floyd County's stormwater program management efforts, please feel free to contact us at your convenience.

Stantec Consulting Services Inc.

Kristen Hewes
Project Manager

Michelle Bough, GISP
Senior GIS Analyst

Appendix A: Stormwater Billing Process Overview

Appendix A: Stormwater Billing Process OverviewOverview of Stormwater Billing Process:

The Floyd County Assessor's Office maintains the property classification codes (i.e. 511 single-family residential), for more than 45,000 properties in the County. Floyd County's stormwater billing process is based on the property classifications completed by the Assessor's Office.

After receiving the primary GIS data from the Floyd County offices, the data is compiled and utilized within ESRI® ArcGIS Desktop software for the geospatial and database analyses. As part of the process associated with generating the stormwater billing file, a series of queries, filters, and comparisons were applied to the various data sets. For a basic example, properties inside the incorporated areas of Georgetown, Greenville, and New Albany (Master Parcel numbers ending in 03, 05, 08) were removed from the analysis, as these parcels are not located inside Floyd County's stormwater service area. Topology rules were applied to determine overlap of impervious surfaces. Parcels with matching Master Parcel IDs were grouped together to simplify billing and help improve billing accuracy. Analyses were also performed to help identify potential anomalies or discrepancies among the data sets. Examples may include parcels with no property classification, or impervious surfaces that have been inventoried on a property classified as vacant or single family residential (SFR). Because vacant properties receive no bill and single-family residential properties are a flat rate of \$39 per equivalent residential unit (ERU) per year, impervious surfaces should not be inventoried for these parcels. There are some instances in which impervious areas exist on properties classified as vacant in the current aerial photography. In cases where impervious polygons exist in the impervious area GIS file, the Stormwater Director has instructed that the impervious area for those parcels be tied to the adjacent billable property with same owner, if possible.

Properties assessed as non-vacant, non-single family residential (commercial, industrial, etc. properties that have structures or other improvements) that do not contain impervious surface are identified. These situations can arise for new developments, or when the Assessor identifies a non-single-family residential property as improved that was previously assessed as vacant.

Stormwater billing reductions, referred to as credits, were applied based on Floyd County's Credits Policy, adopted December 21, 2021. Credit applications and approvals are maintained by the Floyd County Stormwater Department. Floyd County provided a list of inventoried credit-eligible properties, and the credits were applied to the applicable property. The low impact parcel credit was automatically applied based on comparing the total property area versus the square footage of impervious surface (i.e. impervious surface divided by parcel area: less than 5%, credit is 30%; between 5% and 6%, credit is 20%; between 6% and 7%, credit is 10%).

Based on instruction from the Floyd County Stormwater Department, impervious surfaces located on single family residential properties are removed from the GIS impervious data. These properties are assessed as a flat rate; therefore, no impervious surfaces should be included on these parcels. Any impervious surfaces on these properties were likely performed due to historic property classifications. Removal of impervious surfaces from single family residential properties has no impact on the overall bill and should help avoid confusion for future management of stormwater billing system data.

After performing the necessary steps for calculating the stormwater fee for each property in Floyd County's stormwater jurisdiction, Stantec exports the results from ArcGIS to the file format necessary for Floyd County to assemble the information into the annual tax billing database. A draft stormwater billing file (10 records) was sent to Floyd County on February 6, 2024 to evaluate overall compatibility. On February 12, 2024, Stantec informed that the format of the billing file has changed and a revised formatted test file was provided on February 15, 2024 for import testing to Low Associates. The final billing file was sent to Floyd County and Low Associates for incorporation into the billing system on February 21, 2024.

A general overview of the billing update workflow is provided below as an outlined summary.

1. Review data for overlaps in Floyd County impervious dataset (ESRI topology rule).
2. Determine if Parcel will be included in Analysis.
 - If the last two digits of IN_Master identifier is not equal to 03, 05, 08 (Incorporated Areas), parcel is included in analysis. If last two digits of IN_Master identifier are equal to 03, 05, 08, parcel is excluded from analysis.
3. Determine which parcels are considered the “Master” parcel (master parcel is where IN_Master identifier & IN_Parcel identifier are equal).
4. Compare the impervious surface identifiers to Floyd County parcel data – the IN_Master identifier and IN_Parcel identifier number should spatially match between the datasets. Exceptions to this rule are obtained from Floyd County.
5. Review data for anomalies.
6. Based on the IN_Master identifier and property class the ERU is established.
 - a. Calculate the base ERU
 - i. If SFR – 1 ERU
 - ii. If no property class is listed in parcel data or is a vacant property class – ERU 0
 - iii. If total impervious area on parcel is <100 sq ft, ERU 0
 - iv. If improved (Non-SFR, Non-Vacant) – sum of total square footage of impervious area based on IN_Master identifier/3700
 - b. Low Impact Credit Established (where applicable for Non-SFR) – based on percentage of parcel that is impervious. If the total impervious square footage based on master identifier is less than 7% of the total parcel square footage based on master identifier, a low impact credit is applied.
 - Low impact value = total impervious square footage/total parcel square footage
 - i. If low impact value < 0.05 (5%) then reduction of 30%
 - ii. If low impact value > 0.05 (5%) and < 0.06 (6%) then reduction of 20%
 - iii. If low impact value > 0.06 (6%) and < 0.07 (7%) then reduction of 10%
 - c. Stormwater credits are applied based on information from Floyd County Stormwater Dept.
 - d. Total credit reductions established = (low impact credit reductions + stormwater credits)
 - e. Final ERU established based on equation (base ERU – (base ERU * total credit reductions))
 - f. Review data for ERUs that result in a value <1. If an ERU is established (SFR or Non-SFR) the minimum ERU is 1
 - g. Bill Amount = final ERU * 39