

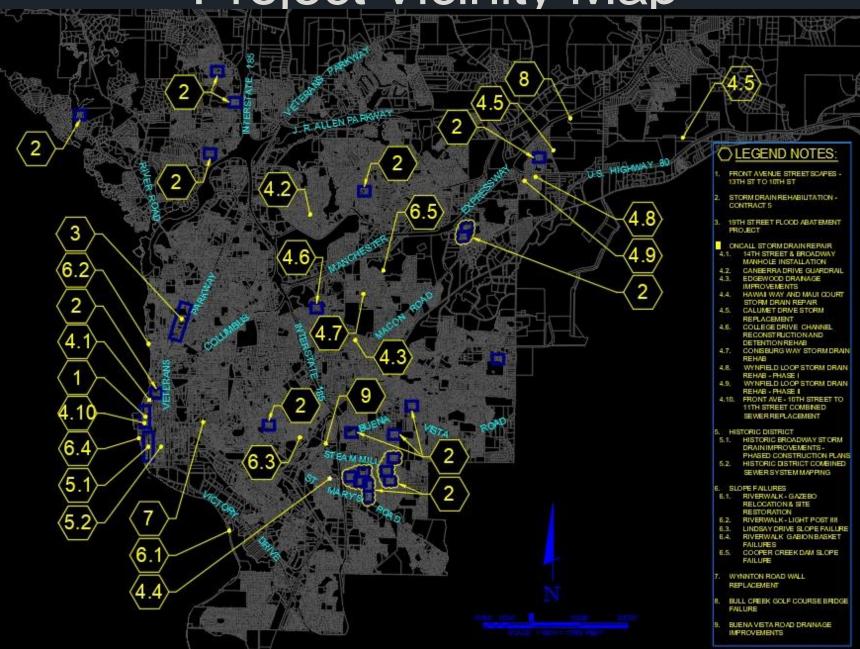
Stormwater Project Prioritization

May 12, 2020

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Project Vicinity Map



Project Scoring Criteria

Example Project Scoring											
	Description		Score								
A.	Safety:		(1-100)	\square		W	eighted Score				
	Use the below scale to rate the risk of safety to the public if this project is not		100.00	х	40%	=	40				
B.	Flooding:		(1-100)			W	eighted Score				
	Use the below scale to rate the possiblilty of flooding if this project is not completed.		0.00	х	20%	=	0				
C.	Property Type:		(1-100)			W	eighted Score				
	Score based on current property type using the following scores: (Residential-33,		66.00	х	12%	=	8				
D.	Utility Impact:		(1-100)	П		W	eighted Score				
	Use the below scale to rate the risk if a failure of service would occur if this project		100.00	х	12%	=	12				
E.	Enviromental Impact:		(1-100)	П		W	eighted Score				
	Use the below scale to rate the impact to the environment if this project is not		100.00	х	9%	=	9				
F.	Traffic Impact:		(1-100)			W	eighted Score				
	Use the below scale to rate the impact to normal traffic flow if this project is not		50.00	х	7%	=	4				
Total Weighted Score = 72											
						П					
		Scoring	Scale		Grading Scale						
		1-33	Low		0-10		Α	Project no	ot critical		
		34-66	Moderate		11-39		В	Project ne	ed > 5 yea	rs	
		67-100	Severe		40-48		С	Project ne	ed 3-5 yea	ırs	
					49-53		D	Project ne	ed 1-3 yea	nrs	
					54-100		F	Project ne	eds imme	diate atter	ntion

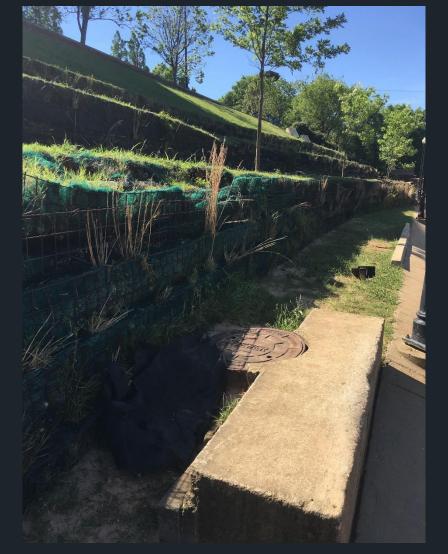
Project Scoring Results

Project Prioritization List

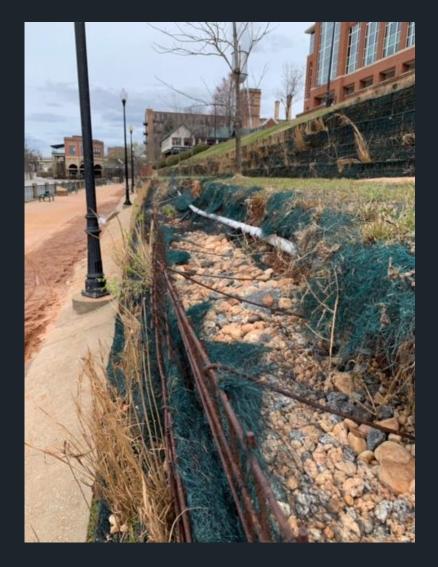
Project Scoring Tabulation

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Priority	Project Name	Project Grade				
1	Chattahoochee Riverwalk Repair - Gabion Basket Failure	F				
2	19th Street Flood Abatement Project	F				
3	Wynnton Wall	F				
4	Front Avenue Combined Sewer System Replacement	F				
5	Lindsey Drive Slope Failure	F				
6	Chattahoochee Riverwalk Repair - Light Post 88 Slope Repair	F				
7	Buena Vista Road Drainage Improvements	D				
8	College Drive Channel Reconstruction and Detention Rehab	D				
9	14th St - Broadway MH Install	D				
10	Contract 5 (All Phases)	С				
11	Wynfield Loop Storm Drain Rehab	С				
12	Edgewood Drainage	С				
13	Conisburg Way Storm Drain Rehab	С				
14	Bull Creek Golf Course Bridge Failure	В				
15	Historic Broadway Storm Drain Improvements	В				
16	Hawaii Way and Maui Ct Storm Drain Repair	В				
17	Chattahoochee Riverwalk Repair - Gazebo Relocation & Site Restoration	В				
18	Front Ave - 13th to 10th Streets Streetscapes	В				
19	Historic Broadway Combined Sewer System Mapping	А				

Gabion Basket Failure Project Status - Proposal (Design not complete) Grade F







Gabion Basket Failure (cont.)

Project Status - Proposal (Design not complete)

Grade F





Wynnton Road Wall Project Status - Design complete Grade F



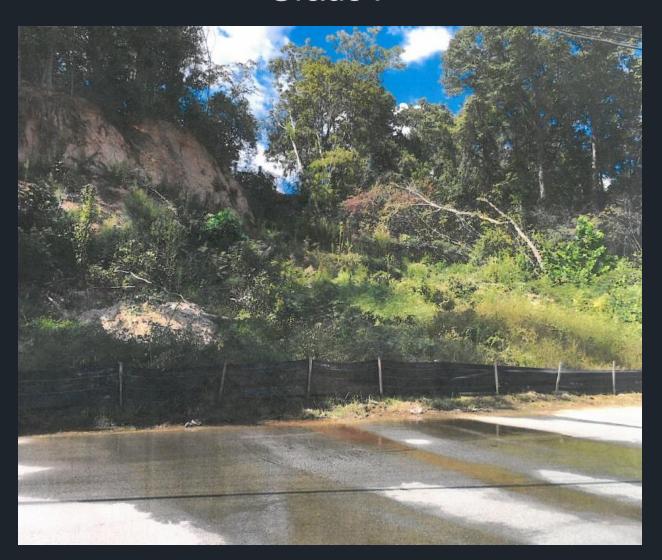
Front Avenue Historic District Flooding Project Status – Design in progress

Grade F





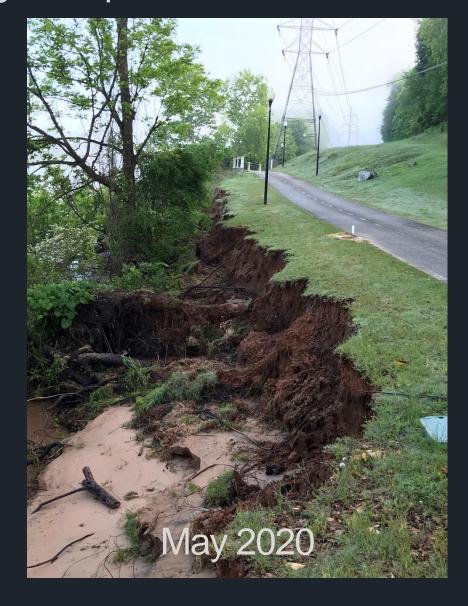
Lindsay Drive Slope Failure Project Status – Design/Build Contractor selected – GEMA funding Grade F



Light Pole 88 Slope Failure Project Status – Design complete



Grade F



Buena Vista Road Drainage Improvements Project Status – Proposal (Design not complete) Grade D

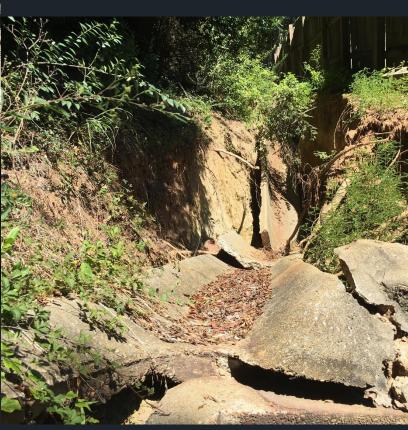




College Drive Stormwater Repairs Project Status – Design complete

Grade D

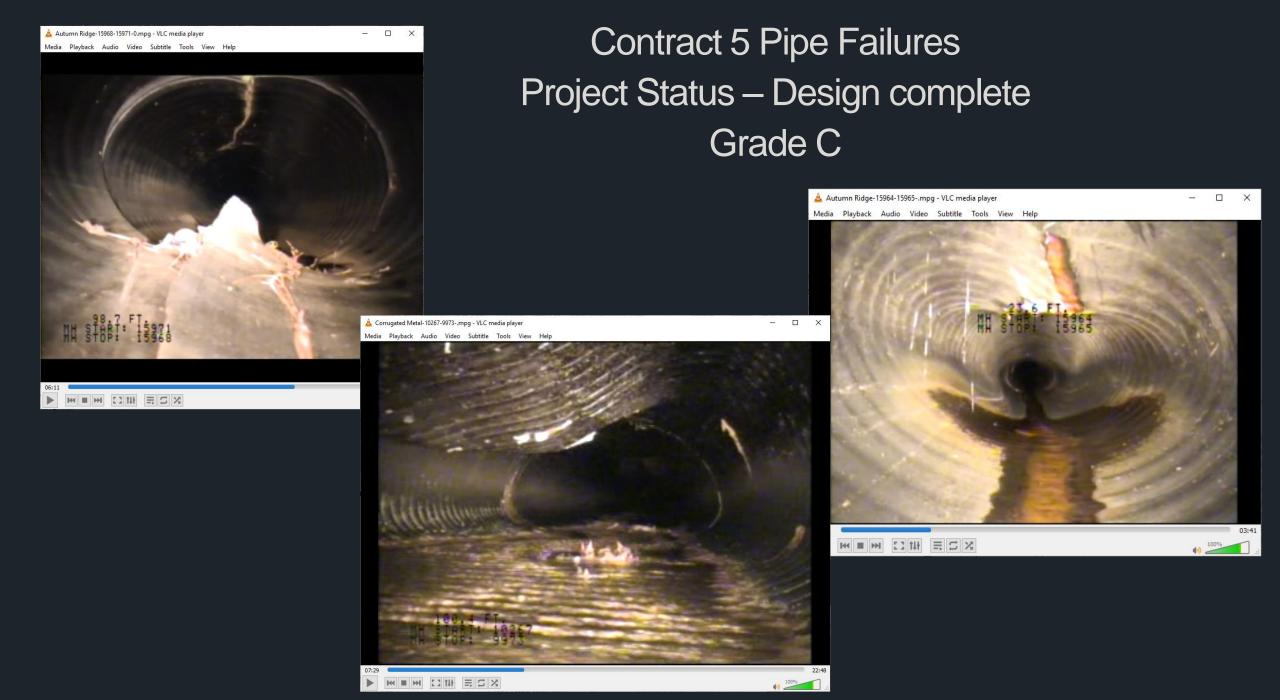






Broadway and 14th Street Manhole Project Status – Design complete Grade D

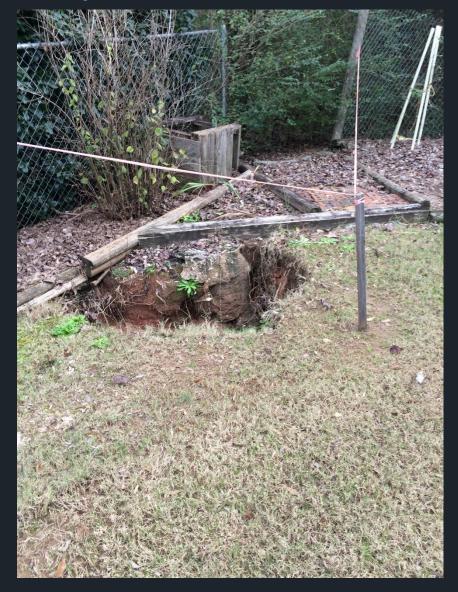




Contract 5 Pipe Failures – Sink holes Project Status – Design complete

CAUTION CAUTION CAUTION

Grade C



Calumet Road Failure (Culvert Crossings) Project Status – Under construction





Columbus Consolidated Government Stormwater Project List 2014-2020 (Construction not Completed)

		Construction Cost Estimate	Construction Cost Estimate		
Project Name	Construction Cost Estimate	(Year 2020 Dollars)	(Year 2025 Dollars)	Project Status	Priority Grade
Riverwalk Gabion Basket Failures*	\$2,000,000	\$2,000,000	\$2,433,305.80	Proposal - Design not started	F
Wynnton Road Wall	\$100,000	\$100,000	\$121,665.29	Design Complete	F
Front Avenue Combined Sewer System Replacement*	\$1,000,000	\$1,000,000	\$1,216,652.90	Design in progress	F
Chattahoochee Riverwalk Repair – Light Post 88	\$2,138,455	\$2,138,455	\$2,601,757.48	Design Complete	F
Buena Vista Road Drainage Improvements*	\$380,937	\$380,937	\$463,468.11	Proposal - Design not started	D
College Drive Channel Reconstruction and Detention Rehab	\$1,000,000	\$1,000,000	\$1,216,652.90	Design Complete	D
14 th St – Broadway MH Install	\$226,000	\$450,000	\$547,493.81	Design Complete	D
Contract 5 - Access & Point Repairs	\$232,323.90	\$261,332.79	\$317,951.30	Design Complete	С
Contract 5 - Priority 1 Pipes	\$2,433,077.85	\$2,631,617.00	\$3,201,764.46	Design Complete	С
Contract 5 - Priority 1 Pipes Phase I (\$800K Edition)	\$815,757.60	\$882,323.42	\$1,073,481.35	Design Complete	С
Contract 5 - Priority 1 Pipes Phase II	\$658,008.75	\$740,170.35	\$900,530.41	Design Complete	С
Wynfield Loop Storm Drain Rehab – Phase I	\$87,500	\$87,500	\$106,457.13	Design Complete	С
Wynfield Loop Strom Drain Rehab – Phase II	\$880,760	\$880,760	\$1,071,579.21	Design Complete	С
Edgewood Drainage Improvements*	\$1,000,000	\$1,000,000	\$1,216,652.90	Design in progress	С
Conisburg Way Storm Drain Rehab	\$552,809	\$574,921	\$699,479.74	Design Complete	С
Bull Creek Golf Course Bridge Failure*	\$607,438	\$607,438	\$739,041.21	Proposal - Design not started	В
Combined Sewer Rehab & Manhole Installation Broadway – 4 th Street to 9 th Street	\$154,231	\$160,400	\$195,151.42	Design Complete	В
Historic Broadway Storm Drain Improvements – Phased Construction Plans*	\$750,000	\$750,000	\$912,489.68	Design not started	В
Hawaii Way and Maui Court Storm Drain Repair	\$70,824	\$76,603	\$93,199.55	Design Complete	В
Chattahoochee Riverwalk Repair - Gazebo Relocation & Site Restoration	\$76,803	\$79,875	\$97,180.30	Design Complete	В
13 th to 10 th - Streetscapes (Prelim Layouts 3584202)*	\$3,948,000.00	\$4,618,601.59	\$5,619,235.04	Proposal - Design not started	В
Historic District Combined Sewer System Mapping*	\$66,500	\$69,160	\$84,143.71	Change order needed	Α
Total	\$19,179,425	\$20,490,095	\$24,929,334		
Other Source Funding					
19th Street Flood Abatement	\$6,619,899.03	\$8,711,335.51	\$10,598,671.63	Design Complete - CO Needed	F
Lindsay Drive Slope Failure	\$598,500	\$598,500	\$728,166.76	Design Complete	F
	7,218,399	9,309,836	11,326,838		
* Construction cost subject to change due to design not complete					

Columbus Consolidated Government Summary of Stormwater Costs Required 2014 - 2020 (Last 6 Years)

	Costs
Stormwater Projects Constructed (Last 6 years)	\$4,983,830
Stormwater Projects Not Constructed (Last 6 years)	\$20,490,095
Total (Last 6 years)	\$25,473,925
Average dollars needed per year to meet demand	\$4,245,654
Projects scored D-F	\$7,069,392
Projects scored C-F	\$14,128,017

Thank You!



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