

**Summary of FPA Needed Improvements - TMACOG 208 Planning Area**

0	No wastewater improvements needed
1	Wastewater improvements needed, but no cost figure
2	Wastewater improvements needed; some cost figures available
3	Wastewater improvements needed; cost figures available

<b>Need Score</b>	No wastewater improvements needed	16
	Wastewater improvements needed, but no cost figure	7
	Wastewater improvements needed; some cost figures available	3
	Wastewater improvements needed; cost figures available	24
<b>Total FPAs</b>		50
<b>Total CSO or I/I facility improvement needs</b>		\$538,528,064
<b>Total Identified needed facility improvements for the regio</b>		\$642,851,498

<b>CSO or extraneous flow issues</b>	16
<b>21 Systems with CSO or I/I issues</b>	7
<b>50 Total systems</b>	3
<b>84%</b>	24

FPA	COUNTY	Project	DMA	Project cost	FPA Total cost	MHI (2000)	Households	\$/household	CSO or I/I	CSO Project	CSO Cost	Update Status/to-do
Bairdstown	1	Wood WWTP & sewers				\$42,500	52					
Bay Township	1	Ottawa Sewers				\$36,726	704					
Bedford Township	3	Monroe			\$5,000,000	\$59,835	9,769	\$512				
		WWTP plant upgrades, phase I	Bedford	\$5,000,000					X	x	\$5,000,000	Preliminary cost estimate; Facilities Plan will provide estimate of capital improvement costs
Bellevue	3	Sandusky, Seneca, Huron, Erie			\$2,899,000	\$40,100	4,088	\$709	x			
		Upgrade Composting Capacity	Bellevue	\$450,000								
		Install Sewers East	Bellevue	\$699,000								
		Install Sewers West	Bellevue	\$600,000								
		Upgrade UV System	Bellevue	\$300,000								
		Upgrade Nitrification Towers	Bellevue	\$150,000								
		Address I & I	Bellevue	\$700,000						x	\$700,000	
Bloomdale	0	Wood				\$41,053	267					
Bowling Green	3	Wood			\$9,090,658	\$30,599	12,394	\$733	x			
		Black Start Pump Station Improvements	Bowling Green	\$167,000						x	\$167,000	
		North Main Street Sewer Improvements	Bowling Green	\$1,000,000						x	\$1,000,000	
		Poe and Dunbridge Road Pump Station Replacement	Bowling Green	\$20,000						x	\$20,000	
		Poe and Mercer Road Pump Station Improvements	Bowling Green	\$1,510,000						x	\$1,510,000	
		Substandard sewer lines	Bowling Green	\$643,658						x	\$643,658	
		WWTP aeration diffusers, screw pump gear box, and mixer at EQ Basin	Bowling Green	\$110,000								
		WWTP Third screw pump	Bowling Green	\$410,000						x	\$410,000	
		Replace Conneaut Ave lift station & force main	Bowling Green	\$2,500,000						x	\$2,500,000	
		Sugar Ridge / Mercer general plan, sewers	Northwestern Water and Sewer District	\$1,500,000								
		South Rudolph sewers	Northwestern Water and Sewer District	\$370,000								
		Huffman / Kramer general plan, sewers	Northwestern Water and Sewer District	\$400,000								
		Country Manor Remove WWTP/Construct Force main	Northwestern Water and Sewer District	\$460,000								
Bradner	0	Wood				\$35,521	554					
Burgon	0	Sandusky			\$0	\$54,063	77					
Catawba						\$49,375						
Island/Portage Township	3	Ottawa			\$5,328,650	\$37,366	4,288	\$1,243				
		Re-route flow from State Rd via force main on Christy Chapel		\$701,250								
		Replace grinder pumps in service area E-1 Phase I (250+)		\$1,877,400								
		Replace grinder pumps in service area E-1 Phase II		\$750,000								
		Replace grinder pumps in service area E-1 Phase III		\$1,000,000								
		South Portage Twp sewers	TBD									
		Replace grinder pumps in service area E-1 Phase I (250+)		\$1,000,000								
Clyde	3	Sandusky			\$4,710,000	\$39,764	3,413	\$1,380	X			
		5&6 East Street sewer separation Phase 1&2	Clyde	\$450,000						x	\$450,000	
		7. Forest East sewer separation	Clyde	\$650,000						x	\$650,000	
		9. Equalization basin study	Clyde	\$5,000						x	\$5,000	
		10. Equalization basin (if needed)	Clyde	\$1,500,000						x	\$1,500,000	
		Green Creek sewers (Franks Coe, and Woodland Court)	Clyde	\$1,125,000								





FPA	COUNTY	Project	DMA	Project cost	FPA Total cost	MHI (2000)	Households	\$/household	CSO or II	CSO Project	CSO Cost	Update Status/to-do
		S-823 Monclova Road	Lucas County	\$1,413,000								
		Pumping Station replacements	Lucas County	\$600,000								
		Trunk sewer cleaning / inspection	Lucas County	\$100,000								
		Trunk sewer repairs	Lucas County	\$1,000,000						x	\$1,000,000	
		Fuller's Creekside SSES	Lucas County	\$50,000						x	\$50,000	
		Mead Lane Sanitary Sewer Repair	Lucas County	\$50,000						x	\$50,000	
		Angola Road Sewer	Lucas County	\$794,000								
		Cass Rd PS Improvements	Maumee	\$145,000								
		Key Street Pump Station Controls	Maumee	\$150,000								
		Miscellaneous main relining	Maumee	\$230,000						x	\$230,000	
		Sewer line imp.	Waterville	\$125,000								
		Portable CCTV - Software	Waterville	\$7,500								
		Sanitary Sewer System Evaluation	Waterville	\$20,000						x	\$20,000	
		Sewerline (Storm) Improvements	Waterville	\$12,100						x	\$12,100	
		Dutch Rd extension Phase II	Whitehouse	\$400,000								
		Waterville Street short extension	Whitehouse	\$40,000								
		Industrial parkway development	Whitehouse	\$450,000								
		SR 295 S to US 24	Whitehouse	\$3,200,000								
		Bucher Rd to Monclova Township line	Whitehouse	\$345,000								
		Weckerly Rd Phase II	Whitehouse	\$150,000								
		Cemetery to Davis	Whitehouse	\$0								
		Stiles E from Providence	Whitehouse	\$200,000								
		Noward Rd Extension north to Dutch	Whitehouse	\$670,000								
		River Trace Subdivision	Whitehouse	\$225,000								
		SR 295 sanitary sewer extension to SR 64	Whitehouse	\$225,000								
		Weckerly Rd Ulrich sewer extension Vintage	Whitehouse	\$500,000								
		Savanna Lake Plat II	Whitehouse	\$200,000								
		Whitehouse Meadows	Whitehouse	\$200,000								
		Sandra Park	Whitehouse	\$200,000								
		Whitehouse Sq Plat II	Whitehouse	\$400,000								
		Finzel Farms Plat II	Whitehouse	\$150,000								
		Industrial Park	Whitehouse	\$140,000								
		5 Point Rd Sanitary Sewer Extension	Northwestern Water/Sewer District	\$1,300,000								
Luckey	0 Wood					\$47,917	408					
Luna Pier / Erie / LaSalle	2 Monroe				\$3,898,000	\$40,909	1,127	\$3,459				
		WWTP upgrades	Luna Pier	\$3,898,000								
		WWTP expansion	Luna Pier	\$0								
		Sewer System SSES	Luna Pier	\$0						x	\$0	
		Sewer System Rehabilitation	Luna Pier	\$0					x	x	\$0	
Middle Bass	0 Ottawa					na	429					
North Baltimore	3 Wood				\$14,393,319	\$38,507	1,426	\$10,093	x			
		Elimination of CSO #1, on Water Street	North Baltimore	\$7,393,319						x	\$7,393,319	
		Elimination of CSO #2, on Broadway	North Baltimore	\$7,000,000						x	\$7,000,000	
Oak Harbor	3 Ottawa				\$1,481,000	\$45,275	1,834	\$808	x			
		Salem sewer ext: Waterford Place, Riverbend, Manor Court, Chet's Place	Ottawa County	\$1,100,000								
		Behlman Road Sewer Extension	Ottawa County	\$381,000								
Oregon	3 Lucas, Ottawa, Wood				\$8,247,289	\$45,777	11,979	\$688	x			
		Oregon Sanitary Sewer Rehabilitation Project Phase I	Oregon	\$2,337,289						x	\$2,337,289	
		Sanitary Sewer System Improvements	Oregon	\$500,000						x	\$500,000	
		Wise Street (Northwood) Sanitary Sewer Extension	Northwestern Water and Sewer District	\$910,000								
		I&I Detention Storage Basin	Northwestern Water and Sewer District	\$4,500,000						x	\$4,500,000	
Otsego	0 Wood				\$2,340,000	na	241	\$9,710				

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			Northwestern Water and Sewer District	\$0								
Ottawa Lake	3 Monroe	Collection system and force main to Sylvania	Whiteford Township	\$2,340,000	\$2,340,000							
Pemberville	0 Wood	None	Pemberville	\$0	\$0	\$50,938	1,189					
Perrysburg	3 Wood	Cherry Street Sewer Separation District 208	Perrysburg	\$1,852,000	\$22,024,000	\$62,237	9,947	\$2,214	x		\$1,852,000	
		Five point Rd sanitary sewer	Perrysburg	\$120,000								
		WWTP Emergency Generator	Perrysburg	\$250,000								
		WWTP Improvements Phase 3	Perrysburg	\$11,800,000								
		Cherry Street Sewer Separation District 209	Perrysburg	\$1,702,000						x	\$1,702,000	
		Cherry Street Sewer Separation District 210	Perrysburg	\$1,050,000						x	\$1,050,000	
		Cherry Street Sewer Separation District 211	Perrysburg	\$1,100,000						x	\$1,100,000	
		Cherry Street Sewer Separation District 212	Perrysburg	\$1,150,000						x	\$1,150,000	
		Ford PS I&I Detention Storage Basin	Northwestern Water & Sewer District	\$3,000,000						x	\$3,000,000	
Port Clinton	3 Ottawa	East End Project Phases 6-11: Replace Water and Sewer lines Reline Sanitary Sewer, Replace water mains, install sidewalks and resurface streets	Port Clinton	\$4,733,000	\$8,093,345	\$35,564	4,150	\$1,950	x		\$4,733,000	
		Sixth Street: Sewer Separation and Resurfacing Install new sanitary sewer, resurface street	Port Clinton	\$1,300,000						x	\$1,300,000	
		WWTP: Add Clarifier and Sludge Dryer Add 4th Clarifier and Sludge Drier increasing capacity to 3 mgd	Port Clinton	\$1,200,000								
		Erie Township Water and Sewer Extension to BFI, Phase IV	Ottawa County	\$860,345								
Put-in-Bay	3 Ottawa	None at this time		\$0	\$0	\$52,917	780					
Rader Creek	0 Wood	None at this time	Northwestern Water and Sewer District	\$0	\$0							
Risingun	2 Wood	West Millgrove Sanitary Sewer	Northwestern Water and Sewer District	\$2,500,000	\$2,500,000	\$37,656	350	\$7,143				
		Hatton sanitary sewers	Northwestern Water and Sewer District	TBD - No orders								
		Bays / Bradner Road sewers	Northwestern Water and Sewer District	Included in West Millgrove								
Rocky Ridge	1 Ottawa	Sanitary Sewer Project	Ottawa County	\$0	\$0	\$38,281	142					
Swanton	3 Lucas, Fulton	Separation project 2: Fulton Street	Swanton	\$1,200,000	\$3,640,000	\$44,127	1,424	\$2,556	x		\$1,200,000	
		Separation project 6: Clark Street	Swanton	\$320,000						x	\$320,000	
		Separation project 7: East Garfield Avenue	Swanton	\$340,000						x	\$340,000	
		Separation project 10: Hallett Avenue North of Railroad	Swanton	\$610,000						x	\$610,000	

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		Separation projects 3 & 11: St. Richards Court-Fulton Street & Elm Street	Swanton	\$450,000						x	\$450,000	
		Separation projects 8 & 9: Sanderson Avenue & West Garfield Avenue	Swanton	\$420,000						x	\$420,000	
		Separation project 12: Centerville Road	Swanton	\$200,000						x	\$200,000	
		Post-construction monitoring report	Swanton	\$100,000						x	\$100,000	
Toledo	Lucas, 3 Monroe, Wood				\$372,036,341	\$32,546	154,690	\$2,405	x			
		O-1 Study of the Lockwood and DeVilbiss	Toledo	\$3,000,000			263	\$11,407	x		\$3,000,000	
		O-2 Lockwood and DeVilbiss sewer separation	Toledo	\$5,900,000						x	\$5,900,000	
		O-3 Monroe and Ayers collector sewer study	Toledo	\$10,000,000						x	\$10,000,000	
		O-4 Ottawa River South Storage Basin	Toledo	\$80,700,000						x	\$80,700,000	
		Parkside Area Sanitary Sewer Overflow Elimination	Toledo	\$20,000,000						x	\$20,000,000	
		E-1 Modification to the Paine regulator	Toledo	\$2,100,000						x	\$2,100,000	
		E-2 Dearborn Storage Basin	Toledo	\$16,700,000						x	\$16,700,000	
		E-3 International Park Pipeline Storage	Toledo	\$28,800,000						x	\$28,800,000	
		E-4 Modification to the Fassett regulator	Toledo	\$1,900,000						x	\$1,900,000	
		E-5 Oakdale Storage Basin	Toledo	\$21,600,000						x	\$21,600,000	
		E-6 Wheeling Area sewer separation	Toledo	\$2,900,000						x	\$2,900,000	
		E-7 Bay View Grit Facility	Toledo	\$20,200,000						x	\$20,200,000	
		W-1 Pipeline Storage Facility adjacent to Jamie Farr Park	Toledo	\$6,400,000						x	\$6,400,000	
		W-2 Ash to Interceptor sewer separation	Toledo	\$2,700,000						x	\$2,700,000	
		3b River Rd - Detroit Ave SSO Elimination	Toledo	\$6,000,000						x	\$6,000,000	
		W-4a Downtown Tunnel Optimization	Toledo	\$9,300,000						x	\$9,300,000	
		W-4c Downtown Tunnel Storage. Pipeline or tank	Toledo	\$55,200,000						x	\$55,200,000	
		W-5 William and Knapp Area SSES	Toledo	Part of Ash						x	Part of Ash	
		W-6 Maumee Ave. Storage Basin	Toledo	\$6,700,000						x	\$6,700,000	
		W-7 New York Area SSES	Toledo	Part of Wheeling						x	Part of Wheeling	
		S-1a Swan North Tunnel Optimization	Toledo	\$6,200,000						x	\$6,200,000	
		S-1b Swan Creek North Storage Tunnel Extension	Toledo	\$26,400,000						x	\$26,400,000	
		S-2a Swan South Tunnel Optimization	Toledo	\$3,600,000						x	\$3,600,000	
		S-2b Swan Creek South Tunnel In-System Storage	Toledo	\$600,000						x	\$600,000	
		S-3 Highland sewer separation	Toledo	\$1,400,000						x	\$1,400,000	
		S-4 Wooddale SSES and inflow reduction	Toledo	\$832,000						x	\$832,000	
		Dearden / Birdsall Sanitary Sewer	Toledo	\$428,391								
		Large Diameter Sewer Rehabilitation	Toledo	\$5,000,000						x	\$5,000,000	
		Bay View Solids Handling Renovations	Toledo	\$19,011,950								
		Bay View Secondary Improvement - 44C	Toledo	\$2,964,000						x	\$2,964,000	
		Infiltration and Inflow Sewer Improvements	Northwestern Water and Sewer District	\$1,200,000						x	\$1,200,000	
		Stony Ridge / Lemoyne Sewers	Northwestern Water and Sewer District	\$3,100,000								
		Rossford Jennings PS Rehab	Northwestern Water and Sewer District	\$250,000								
		Rossford Colony PS Rehab	Northwestern Water and Sewer District	\$250,000								
		Truman Road sanitary sewer extension	Northwestern Water and Sewer District	\$700,000								
Tortogany	0 Wood					\$41,875	163					
Vickery	1 Sandusky	sewers & WWTP				na	38					
Wayne	0 Wood					\$46,071	371					
Weston	3 Wood				\$1,300,000	\$37,500	821	\$1,583	x			
		Weston WWTP Upgrade	Northwestern Water and Sewer District	\$1,300,000						x	\$1,300,000	
Wightman's Grove	3 Sandusky				\$1,900,000	na	100	\$19,000				
		Wightman's Grove sewers	Sandusky County	\$1,900,000								

