

| INDEX | REGULATORS' PHASE 2A 6-27-19, BASED ON REVISED WWIP ATTACHMENT 2 | | CSO SSO | Description / Design (NOTE4) | Technology | Plan CAPP | Plan Remaining CSO (MG/year) | Start Design | Complete Design, and for All Measures Other Than Those Identified Below as "Design Only," Submit Application for Permit To Install to Ohio EPA (Note 7) | Commencement of Construction | Substantial Completion of Construction |
|-------|--|--|-------------------------------------|---|------------|-----------|------------------------------|--------------|---|------------------------------|--|
| | Identifier | | | | | | | | | | |
| 185 | 10171540 | CSO 135 Elimination | CSO 135 | Regulator Improvements - 2.4 cfs | RI | | 0.0 | | | | |
| 186 | 10171560 | CSO 43 Elimination | CSO 43 | Regulator Improvements - 2.8 cfs | RI | | 0.7 | | | | |
| 187 | 10171600 | CSO 170 Elimination | CSO 170 | EHRT - Regulator Improvement - 3.1 cfs | RI | | in 71800 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 12/31/2021 |
| 188 | 10171640 | CSO 214 Storage Facility | CSO 214 | Storage - 2.00 MG | STOR | | 57.4 | 1/1/2020 | 12/31/2021 | 12/31/2021 | 12/31/2023 |
| 189 | 10171660 | CSO 500 Improvements | CSO 500 | Regulator Improvement - 1.5 cfs. See E-500 | RI | | in 71800 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 12/31/2021 |
| 190 | 10171680 | CSO 501 Improvements | CSO 501 | Regulator Improvement - 0.1cfs. See E-500 | RI | | 0.0 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 12/31/2021 |
| 191 | 10171700 | CSO 549 Improvements | CSO 549 | Regulator Improvement - 5.0 cfs. See E-500 | RI | | in 71800 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 12/31/2021 |
| 192 | 10171720 | CSO 550 Improvements | CSO 550 | Regulator Improvement - 0.4 cfs. See E-500. | RI | | in 71800 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 12/31/2021 |
| 193 | 10171760 | CSO 552 Improvements | CSO 552 | Regulator Improvement - 19.4 cfs | RI | | 18.6 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 12/31/2021 |
| 194 | 10171800 | Upper Duck Creek EHRT Facility | | E-500 - EHRT - 40-MGD - Serves CSOs 170, 549, 550, 501 & 500 (NOTE 2) | EHRT | | 106.0 | 1/1/2020 | 2/29/2024 | 2/29/2024 | 3/30/2029 |
| 195 | 10170782 | LM Four Mile Pump Station Upgrade | | E-503 - Four Mile Pump Station Rec Proj - PS-1 | WWTP | NOTE 1 | | 1/1/2020 | 7/31/2020 | 7/31/2020 | 6/1/2022 |
| 196 | 10170783 | LMWWTP Pump Station Reconfiguration | | E-503 - Modify LMR Pump Station Rec Proj - PS-5 | WWTP | NOTE 1 | | 1/1/2020 | 10/31/2022 | 10/31/2022 | 8/30/2024 |
| 197 | 10170784 | LMWWTP Grit Station Upgrade | | E-503 - Grit Collection Proj - SG-1 | WWTP | NOTE 1 | | 1/1/2020 | 12/31/2020 | 12/31/2020 | 7/31/2021 |
| 198 | 10170785 | LMWWTP Pump Station Hydraulic Improvements | | E-503 - Four Mile Pump Station to Screen Building Rec Proj - H-1 | WWTP | NOTE 1 | | 1/1/2020 | 10/31/2021 | 4/30/2024 | 8/30/2026 |
| 199 | 10170786 | LMWWTP Primary to Secondary Hydrau. Improvements | | E-503 - Primary to Secondary Conveyance Rec Proj - H-2 | WWTP | NOTE 1 | | 1/1/2020 | 4/1/2022 | 10/30/2025 | 8/30/2026 |
| 200 | 10170787 | LMWWTP Chemically Enhanced Primary | | E-503 - Chemical Enhance Primary Rec Proj - PT-2 | WWTP | NOTE 1 | | 1/1/2020 | 4/1/2022 | 4/30/2025 | 8/30/2026 |
| 201 | 10170788 | LMWWTP Secondary Treatment Modifications | | E-503 - Modification to Secondary Treatment Rec Proj - ST-2 | WWTP | NOTE 1 | | 1/1/2020 | 1/30/2022 | 4/30/2025 | 8/30/2026 |
| 202 | 10170790 | LMWWTP Chemical Feed Upgrades | | E-503 - Upgrade Chemical Feed Sys Storage - D-2 | WWTP | NOTE 1 | | 1/1/2020 | 1/30/2022 | 4/30/2025 | 8/30/2026 |
| 203 | 10170793 | LMWWTP Sludge Receiving Improvements | | E-503 - Improvement to Sludge Receiving Facility Rec Proj - DR-6 | WWTP | NOTE 1 | | 1/1/2020 | 1/30/2022 | 4/30/2025 | 8/30/2026 |
| 204 | 10170794 | LMWWTP Standby Power () is Duke portion | | E-503 - Dual Feed / Standby Power Rec Proj - E-1 (Duke portion) | WWTP | NOTE 1 | | 1/1/2020 | 1/30/2022 | 4/30/2025 | 8/30/2026 |
| 205 | 10172020 | LMWWTP Wet Weather Pump Station | | E-505 - Wet Weather Pump Station with Screening 150 MGD to Auxiliary Outfall | WWTP | NOTE 1 | | 1/1/2020 | 3/1/2022 | 3/1/2022 | 8/30/2026 |
| 206 | 10172260 | LMWWTP Dry Weather Pump Station | | Four Mile PS - Dry Weather Pumps - B&N Rec. Proj. PS-1 | WWTP | NOTE 1 | | 1/1/2020 | 3/1/2022 | 4/30/2025 | 8/30/2026 |
| 207 | 10140400 | Lockland Sewer Separation | SSO 1045, 1010 | Replace collector following original alignment - 7968 ft of 12-24" | CONV | 2 yr | | 1/1/2020 | 12/31/2020 | 4/1/2021 | 4/1/2023 |
| 208 | 10142280 | Oxley Grating | CSO 226 | Regulator Improvement-6 cfs. Combine with implementation of green infrastructure as redevelopment, renovation, and routine maintenance occurs to achieve CSO control to achieve 85%. | RI | | 4.6 | 1/1/2020 | 10/31/2022 | 10/31/2022 | 2/29/2024 |
| 209 | 10142300 | 914 Oak St. Grating | CSO 559 | Regulator Improvements-14.0 cfs. Green potential greater than storage need. | RI | | 7.0 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 5/1/2022 |
| 210 | 10142320 | 200' West of Bacon St. Grating | CSO 515 | Regulator Improvements-0.7 cfs | RI | | 0.0 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 211 | 10142340 | Bacon St. Grating | CSO 516 | Regulator Improvements-0.11 cfs | RI | | 0.1 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 212 | 10142360 | No. 96 North Park Grating | CSO 538 | Regulator Improvements-0.31 cfs | RI | | 0.1 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 213 | 10142380 | 117 E. Charlotte Grating | CSO 539 | Regulator Improvements-5.0 cfs | RI | | 1.3 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 214 | 10142400 | 428 South Cooper Grating (CSO Eliminated) | CSO 562 | Regulator Improvements-3.08 cfs | RI | | 0.0 | | | | |
| 215 | 10130000 | Muddy Creek Basin Storage & Conveyance Sewer | SSO 701, 702, 692, 697, 675-A, 1061 | Storage & Conveyance Tunnel unloads Muddy Creek PS, Eliminating SSOs 692 & 697, provides CSO control for 518, 404, 405, and 406 - 25 ft diameter, 8500 ft long; firm influent pumping capacity, firm effluent pumping capacity, and peak wet weather treatment capacity at the Muddy Creek WWTP to all be 35 MGD. | TUNNEL | 2 yr | | 1/1/2020 | 9/30/2022 | 4/1/2026 | 7/30/2029 |
| 216 | 10130160 | Muddy Creek Pump Station Upgrade and Forcemain | SSO 692, 697, 675-A | Elim. PSO - increase capacity & convey to Hillside Relief Tunnel - 25 MGD pumps, 12" FM for DWF, 36" FM for WWF (associated with 30000) | PSU/FM | 2 yr | | 1/1/2020 | 7/1/2021 | 3/31/2028 | 7/30/2029 |
| 217 | 10130400 | River Rd. Near Muddy Creek WWTP Conveyance Sewer | SSO 702 | Rapid Run/Bender Rd. Interceptor directly into New Tunnel - 800 ft of 36" | CONV | 2 yr | | 1/1/2020 | 12/31/2020 | 4/1/2028 | 1/30/2029 |
| 218 | 10131020 | CSO 402 Topinabee Dr. Reg. Improvements | CSO 402 | Regulator Improvement - 13.3 cfs (dependent on 30000, 30160, 31120) | RI | | 7.2 | no design | no design | 1/1/2020 | 11/1/2020 |
| 219 | 10131040 | CSO 403 Elco St. Div. Dam Reg. Improvements | CSO 403 | Regulator Improvement - 7.10 cfs (dependent on 30000, 30160, 31120) | RI | | 3.6 | no design | no design | 1/1/2020 | 11/1/2020 |
| 220 | 10131060 | CSO 404 Ivanhoe St. Reg. Improvements | CSO 404 | Regulator Improvement - 26.9 cfs (dependent on 30000, 30160, 31120) | RI | | 16.2 | no design | no design | 1/1/2020 | 11/1/2020 |
| 221 | 10131080 | CSO 405 Revere St. Reg. Improvements | CSO 405 | Regulator Improvement - 6.20 cfs (dependent on 30000, 30160, 31120) | RI | | 3.7 | no design | no design | 1/1/2020 | 11/1/2020 |

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|-----|---|--|--|--|---|-------|--------------|--------------------|-----------|------------|------------|------------|
| 222 | 10131100 | | CSO 406 Kennebeck St. Reg. Improvements | CSO 406 | Regulator Improvement -15.4 cfs (dependent on 30000, 30160, 31120) | RI | | 9.0 | no design | no design | 1/1/2020 | 11/1/2020 |
| 223 | 10131120 | | West Branch Ohio River Interceptor Sewer | CSO 404, 405, 406 | Convey Flow from CSO 404 to WWTP - 4000' - 60", sized for 85% control for CSOs 404, 405 and 406 (dependent on 30000, 30160) | CONV | | - | 1/1/2020 | 7/1/2021 | 4/1/2024 | 1/30/2026 |
| 224 | 10140000 | | SSO 1048 Conveyance Sewer Phase 1 | SSO 1048 | Replace collector following original alignment - 4115 ft of 18-27"; Tunnel 375 ft of 18-24" | CONV | 2 yr | | 1/1/2020 | 7/1/2021 | 4/1/2022 | 7/31/2023 |
| 225 | 10140020 | | SSO 1048 Conveyance Sewer Phase 2 | SSO 1048 | Replace collector following original alignment - 4256' of 30-36" | CONV | 2 yr | | 1/1/2020 | 7/1/2021 | 4/1/2022 | 9/30/2023 |
| 226 | 10140080 | | SSO 587 Conveyance Sewer | SSO 587 | Replace collector following original alignment - 4235 ft of 15-24" | CONV | 2 yr | | 1/1/2020 | 7/1/2021 | 4/1/2022 | 7/31/2023 |
| 227 | 10140120 | | Sharonville/Evendale Trunk to SSO 700 | SSO 1048, 587 | 24,929 LF of 30-66"; Tunnel 6250 LF of 30-78" | CONV | 2 yr | | 1/1/2020 | 12/31/2021 | 4/1/2023 | 11/29/2025 |
| 228 | 10140480 | | Pleasant Run Interceptor Replacement | | WIBs - Replace collector following original alignment - 4246 ft of 21-24" | CONV | | | 1/1/2020 | 7/1/2021 | 4/1/2022 | 7/31/2023 |
| 229 | 10141180 | | I-75 & Shepard Ave. SSO 700 | SSO 700 | Increase Storage at existing site - Additional 24 MG (NOTE 3) | STOR | 2 yr | | | | | |
| 230 | 10142120 | | Mill & Vine St, Grating | CSO 512 | Regulator Improvements-3.25 cfs | RI | | 0.2 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 231 | 10142200 | | Bernard & Reisenberg Grating | CSO 513 | Partial Separation | PS | | 1.7 | | | | |
| 232 | 10142220 | | Smalley Grating | CSO 514 | Partial Separation | PS | | 0.2 | | | | |
| 233 | 10130020 | | Muddy Creek Interceptor Rehabilitation | SSO 1061 CSO 518 MH 16006007 | Clean Interceptor - 5000 ft of 36" | CLEAN | | | 1/20/2020 | 11/19/2020 | 3/30/2022 | 7/29/2023 |
| 234 | 10130040 | | CSO 518 Muddy Creek Conveyance Sewer | SSO 1061 CSO 518 MH 16006007 | Replace section of Muddy Creek Int. - 9000 ft of 36" | CONV | 2 yr | | no design | no design | 3/31/2022 | 4/29/2024 |
| 235 | 10130280 | | Addyston PS Elimination | PSO 730, 10902003 | Elim. Addyston P.S. w/gravity along Rte. 50 - 2650' of 36" and two 100' of 24" | CONV | 2 yr | | 1/1/2020 | 7/1/2021 | 4/1/2022 | 4/1/2023 |
| 236 | 10130700 | | Muddy Creek @ Westbourne EHRT | CSO 198 | EHRT - 126 MGD Community Priority (NOTE 2) | EHRT | | 61.2 | no design | no design | 1/1/2020 | 5/1/2022 |
| 237 | 10130720 | | CSO 518 Improvements | CSO 518 | Regulator Improvement - 27.4 cfs Premised on CAPP Activity ID - 30040, 30000 Community Priority | RI | | 8.4 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 238 | 10130780 | | CSO's 223, 408, 410, 541, 654 | 223, 408, CSO 410, 541, 654 | CD Exhibit 1 Partial Separation | PS | | 0.3 | no design | no design | 1/1/2020 | 10/31/2021 |
| 239 | 10130840 | | CSO's 411, 412, 413, 414, 415, 416 | 411, 412, CSO 413, 414, 415, 416 | CD Exhibit 1 Regulator Improvement-3.21 cfs and Relocation Complete Partial Separation - Activity ID 31140 | PS | | 12.9 | no design | no design | 1/1/2020 | 8/31/2021 |
| 240 | 10131000 | | E. Branch Muddy Ph1 Interceptor - Combined in 31006 | | W-103 - CD Exhibit 1 Interceptor Replacement Phase 1 | CONV | | | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2022 |
| 241 | 10131002 | | E. Branch Muddy Ph2 Interceptor - Combined in 31006 | | W-103 - CD Exhibit 1 Interceptor Replacement Phase 2 | CONV | | | 1/1/2020 | 12/31/2020 | 12/31/2020 | 8/31/2022 |
| 242 | 10131003 | | E. Branch Muddy Ph3-A Pump Station - Combined in 31006 | | W-103 - CD Exhibit 1 Interceptor Replacement Phase 3 | CONV | | | 1/1/2020 | 12/31/2020 | 12/31/2020 | 12/31/2022 |
| 243 | 10131004 | | East Branch Muddy Ph3-B Pump Station - Combined in 31006 | | East Branch Muddy Ph3-B Pump Station | CONV | | | 1/1/2020 | 12/31/2020 | 12/31/2020 | 12/31/2022 |
| 244 | 10131006 | | East Branch Muddy Interceptor | | W-105 - Interceptor Extension | CONV | | | 1/1/2020 | 1/30/2022 | 1/30/2022 | 6/1/2023 |
| 245 | 10131140 | | E. Branch Ohio Interceptor Sewer Separation | CSO 408, 411, 412, 414, 415, 416 | W-104 - Complete the Partial Separation in CSOs areas 408, 411, 412, 414, 415, 416 | PS | | In 30840 and 30780 | 1/1/2020 | 9/30/2023 | 4/1/2024 | 7/31/2026 |
| 246 | REMAINING PHASE 2 PROJECTS/BUNDLES | | | | | | | | | | | |
| 247 | MIWWTP Mill Creek Wastewater Treatment Plant | | | | | | | | | | | |
| 248 | 10144882 | | Mill Creek WWTP Chemical Enhanced Primary Treat. | | C-402 - Enhanced Primary Treatment to incorporate improvements for Additional Primary Sludge Pumping and Auxiliary Outfall Improvements | WWTP | NOTES 1 & 11 | | 1/1/2020 | 7/31/2023 | 7/31/2023 | 9/29/2024 |
| 249 | LDCU Lower Duck Creek Upper | | | | | | | | | | | |
| 250 | 10170920 | | Nu-Tone Parking Lot Grating | CSO 68 | Storage - 2.53 MG | STOR | | 36.9 | 1/1/2020 | 12/31/2021 | 12/31/2021 | 7/31/2023 |
| 251 | 10170960 | | Madison & Redbank Grating | CSO 66 | Regulator Improvements - 2.7 cfs | RI | | 0.0 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 252 | 10171260 | | 4730 Madison Ave. Grating | CSO 61 | Regulator Improvements - 8.2 cfs | RI | | 2.1 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 253 | 10171280 | | End of Harrow St. Div. Dam | CSO 64 | Regulator Improvements - 9.7 cfs | RI | | 0.1 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 254 | 10171300 | | Brotherton Rd. Grating | CSO 80 | Regulator Improvements - 7.0 cfs | RI | | 0.0 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 255 | 10171320 | | 3675 Forest Hills Grating | CSO 83 | Regulator Improvements -11 cfs | RI | | 2.7 | | | | |
| 256 | 10171340 | | 3646 Madison Rd. Div. Dam | CSO 188 | Regulator Improvements - 8.1 cfs | RI | | 4.4 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 257 | 10171360 | | Ford Gate Grating | CSO 199 | Regulator Improvements - 27 cfs | RI | | 0.0 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 258 | 10171440 | | Camberwell Ave. Div. Dam | CSO 205 | Partial Separation | PS | | 0.5 | 1/1/2020 | 9/30/2022 | 4/1/2024 | 9/30/2025 |
| 259 | 10171460 | | Old Red Bank Rd. Grating | CSO 84 | Consolidate to STO @ CSO 503 1,500' of 72" sewer | STOR | | in 71520 | 1/1/2020 | 7/30/2024 | 4/1/2024 | 1/30/2025 |
| 260 | 10171480 | | 3979 Rosslyn Dr. Grating | CSO 136 | Storage - 4.00 MG | STOR | | 31.0 | 1/1/2020 | 9/30/2022 | 10/1/2024 | 1/30/2026 |

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|-----|---------------|--|--|---------------------|---|--------------|--------|----------|----------|------------|------------|------------|
| 261 | 10171520 | | Zaeh Rd. Grating | CSO 503 | Pipe Rehab Replacement and Stream Restoration | SEP/GREEN | | 15.1 | 1/1/2021 | 1/30/2025 | 4/1/2025 | 8/1/2026 |
| 262 | PLWWTP | | Pleasant Run Wastewater Treatment Plant | | | | | | | | | |
| 263 | 10145540 | | WWTP Joint MSD/ Butler County Facility | | Pleasant Run Flow Diversion from Mill Creek - Joint MSD/Butler Co. Facility | WWTP | NOTE 1 | | 1/1/2020 | 12/31/2022 | 4/1/2024 | 3/31/2028 |
| 264 | RL | | Reading Lower | | | | | | | | | |
| 265 | 10140340 | | Ronald Reagan & Reading Rd. | SSO 1001, 1020 | Replacement collector following original alignment - 4336 ft of 12-21" | CONV | 2 yr | | 1/1/2020 | 1/30/2024 | 4/1/2024 | 7/31/2025 |
| 266 | 10142060 | | 214 Clark St. Grating | CSO 507 | Regulator Improvements-0.9 cfs | RI | | 0.4 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 267 | 10142080 | | Gebert St. Grating | CSO 509 | Regulator Improvements-3.0 cfs | RI | | 0.1 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 268 | 10142100 | | 531 Davis Street Grating | CSO 511 | Regulator Improvements - 4.49 cfs | RI | | 0.0 | 1/1/2020 | 5/31/2026 | 5/31/2026 | 3/31/2027 |
| 269 | 10142140 | | Reading Rd @ Galbraith | CSO 670 | Partial Separation | PS | | 2.2 | 1/1/2020 | 9/30/2022 | 4/1/2023 | 7/30/2024 |
| 270 | 10142160 | | Southern Ave. Grating | CSO 510A | Regulator Improvements- 0.6 cfs | RI | | 0.1 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 271 | 10142180 | | 245 Clark St. Overflow | CSO 508 | Partial Separation | PS | | 1.3 | 1/1/2020 | 12/31/2020 | 4/1/2022 | 5/1/2023 |
| 272 | LDR | | Little Duck Regulators | | | | | | | | | |
| 273 | 10171040 | | Camargo & East Fork Grating | CSO 69 | Regulator Improvements - 8.4 cfs Relocated Completed CIP 96-12 | RI | | 0.0 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 274 | 10171080 | | Plainville & Indian Hill | CSO 71 | Regulator Improvements - 2.0 cfs Relocated Completed CIP 96-12 | RI | | 0.3 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 275 | 10171100 | | 4800 Jameson Grating | CSO 72 | Regulator Improvements -1.7 cfs | RI | | 0.1 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 276 | 10171120 | | 6402 Roe St. Grating | CSO 74 | Regulator Improvements -3.2 cfs | RI | | 0.7 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 277 | 10171140 | | 6333 Roe St. Grating | CSO 75 | Regulator Improvements -7.9 cfs | RI | | 1.3 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 278 | 10171160 | | Bramble & Homer Grating | CSO 76 | Regulator Improvements - 7.9 cfs | RI | | 1.3 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 279 | 10171180 | | 3980 South Whetsel Grating | CSO 78 | Regulator Improvements - 5.5 cfs | RI | | 0.3 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 280 | 10171200 | | Southern Ave. Grating | CSO 79 | Regulator Improvements - 7.0 cfs | RI | | 1.5 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 281 | 10171220 | | Wooster @ Red Bank Div. Dam | CSO 656 | Regulator Improvements Remove downstream flow restriction @ Beechmont Sluice Gate | RI | | In 71920 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 282 | LDCR | | Lower Duck Creek | | | | | | | | | |
| 283 | 10171380 | | 5150 Wooster Pike Grating | CSO 85 | Full Separation | FS | | 0.0 | 1/1/2020 | 9/30/2022 | 4/1/2028 | 7/31/2029 |
| 284 | 10171400 | | Archer St. Div. Dam, SEP | CSO 86 | Partial Separation CIP 93-02 HW/DW Relocate | PS | | 1.9 | 1/1/2020 | 12/31/2022 | 4/1/2028 | 9/30/2029 |
| 285 | 10171500 | | Turpin St. Div. Dam | CSO 472 | Regulator Improvements | RI | | 26.5 | | | | |
| 286 | ICWWTP | | Indian Creek Wastewater Treatment Plant | | | | | | | | | |
| 287 | 10110000 | | Indian Creek WWTP | | Opt.Existing Facility, 8.2 - 10.8 MGD | Optimization | NOTE 1 | | 1/1/2020 | 3/1/2022 | 3/1/2022 | 7/1/2023 |
| 288 | 10110020 | | Cleves Pump Station | PSO 677 | 1.5 MG Storage w/new 3.6 MGD pumps and FM for wet weather flow | STOR | 2 yr | | 1/1/2020 | 12/31/2022 | 12/31/2022 | 12/30/2024 |
| 289 | AC | | Amberely Creek | | | | | | | | | |
| 290 | 10141160 | | Reading Rd. & Losantiville Rd. | SSO 1032 | Replace collector following original alignment - 1793 ft of 12-18" | CONV | 2 yr | | 1/1/2020 | 1/30/2023 | 4/1/2023 | 1/30/2024 |
| 291 | 10142460 | | Beredith & Kincaid Grating | CSO 505 | Regulator Improvements -8.3 cfs | RI | | 0.0 | 1/1/2020 | 12/31/2020 | 5/1/2025 | 3/1/2026 |
| 292 | 10142480 | | Ridge/Lakeview Div. Dam | CSO 651 | Regulator Improvements -3.75 cfs | RI | | 0.3 | 1/1/2020 | 12/31/2020 | 12/31/2020 | 10/31/2021 |
| 293 | 10142500 | | 6536 Cliffridge Grating | CSO 506 | Partial Separation | PS | | 1.3 | 1/1/2020 | 9/30/2021 | 4/1/2022 | 7/31/2023 |
| 294 | CRU | | Congress Run Upper | | | | | | | | | |
| 295 | 10142520 | | 146 Ridgeway Grating | CSO 535 | Regulator Improvements -3.25 cfs | RI | | 0.0 | 1/1/2020 | 12/31/2020 | 1/1/2027 | 11/1/2027 |
| 296 | 10142540 | | 60 St. Clair Grating | CSO 560 | Regulator Improvement - 3.25 cfs | RI | | 0.0 | 1/1/2020 | 12/31/2020 | 1/1/2027 | 11/1/2027 |
| 297 | 10142580 | | No. 41 Sherry Grating | CSO 537 | Partial Separation | PS | | 0.2 | 1/1/2020 | 9/30/2021 | 4/1/2022 | 1/30/2023 |
| 298 | 10141140 | | Ronald Reagan & Galbraith Rd. | SSO 1029 | Replace collector following original alignment - 3005 ft of 15-21" | CONV | 2 yr | | 1/1/2020 | 9/30/2022 | 4/1/2023 | 4/30/2024 |
| 299 | 10145600 | | Anthony Wayne Flooded MHs | Anthony Wayne | Future Wet Weather Facility to provide system capacity in the Mill Creek Interceptor system | | | | 1/1/2020 | 12/31/2023 | 7/2/2025 | 12/31/2029 |
| 300 | 10140880 | | W. Galbraith Road | SSO 568, 569 | CIP 2008-25 (in planning) | CONV | 2 yr | | 1/1/2020 | 12/31/2021 | 12/31/2021 | 12/31/2023 |
| 301 | 10141100 | | Ronald Reagan & Galbraith | SSO 1029 | Replace collector following original alignment - 15,583 ft of 21-48"; Tunnel 200 ft of 42" | CONV | 2 yr | | 1/1/2020 | 12/31/2021 | 4/1/2022 | 3/31/2024 |
| 302 | TWLL | | Tributary to Winton Lake Lower | | | | | | | | | |
| 303 | 10141020 | | Colerain & Galbraith Storage Facility | SSO 640 | Below ground Storage, protects trunk sewer - 5.9 MG | STOR | 2 yr | | 1/1/2020 | 9/30/2022 | 10/24/2026 | 8/23/2028 |
| 304 | 10140820 | | Colerain - Jessup Replacement Sewer | | Replace collector following original alignment - 12,950 ft of 15-60"; Tunnel 220 ft of 18-42" | CONV | | | 1/1/2020 | 7/30/2024 | 4/1/2026 | 7/30/2028 |
| 305 | MA | | Montgomery All | | | | | | | | | |
| 306 | 10170160 | | Dawson Rd. & Rosecrest Ave. | SSO 1008, 1014, 608 | Replace existing pipe - Approx. 2600 LF of 18-27" | CONV | 2 yr | | 1/1/2020 | 9/30/2022 | 3/1/2029 | 12/31/2029 |
| 307 | 10170180 | | Miami Ave. N. Btwn Mardel Dr. & Euclid Rd. | SSO 1008 | Replace existing pipe - Approx. 7300 LF of 15-21" | CONV | 2 yr | | 1/1/2020 | 4/1/2023 | 12/31/2028 | 12/31/2029 |
| 308 | 10170320 | | Miami Rd. W. @ Miami-Demar Rd. | | Replace existing pipe - Approx. 1700 LF of 18" | CONV | | | 1/1/2020 | 9/30/2022 | 3/1/2029 | 12/31/2029 |
| 309 | 10170340 | | Graves Rd. @ Rheinstorm Park | | Replace existing pipe - Approx. 3800 LF of 15-18" | CONV | | | 1/1/2020 | 4/1/2023 | 11/30/2028 | 12/31/2029 |
| 310 | CCA | | Clough Creek A | | | | | | | | | |
| 311 | 10170120 | | Beechmont Ave. South of Birkshire | SSO 588 | Replace existing pipe - Approx. 4000 LF of 27-30" | CONV | 2 yr | | 1/1/2020 | 5/31/2026 | 10/31/2028 | 12/31/2029 |
| 312 | 10170140 | | Birney Ln. South of Beechmont | SSO 588 | Replace existing pipe - Approx. 4100 LF of 15-27" | CONV | 2 yr | | 1/1/2020 | 3/31/2027 | 10/31/2028 | 12/31/2029 |
| 313 | 10170220 | | Spindlehill Dr. @ Beechview Estates | | Regional Storage - 4.6 MG | STOR | | | 1/1/2020 | 8/31/2022 | 8/31/2022 | 9/29/2024 |

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|------|----------|--|---------------|--|---|-------------------|--------|--|-----------|------------|-------------|-------------|
| 314 | 10170240 | Clough Pike @ Batavia Rd. & Corbly Rd. | | | Replace existing pipe - Approx. 9600 LF of 15-48" | CONV | | | 1/1/2020 | 12/31/2022 | 12/31/2022 | 3/31/2025 |
| 315 | 10170260 | Clough Pike @ Bartels Rd. & Goldengate Dr. | | | Replace existing pipe - Approx. 3000 LF of 48" | CONV | | | 1/1/2020 | 11/29/2024 | 1/30/2029 | 12/31/2029 |
| 316 | 10170280 | Berkshire Rd. | | | WIBs - Replace existing pipe - Approx. 4100 LF of 27-54" | CONV | | | 1/1/2020 | 6/30/2025 | 10/31/2028 | 12/31/2029 |
| 317 | 10170890 | Berkshire HRT | CSO 182 | | EHRT - 44.3 MGD Community Priority (NOTE 2) | EHRT | 18.3 | | 1/1/2020 | 9/30/2022 | Design Only | Design Only |
| 318 | 10170900 | Clough Cir. Div. Dam | CSO 476 | | Regulator Improvements - 49.2 cfs Premised on operational changes at WWTP Four Mile P.S. | RI | 2.4 | | 1/1/2020 | 12/31/2022 | 3/1/2029 | 12/31/2029 |
| 319 | 10170860 | Prospect Woods | PSO 861 | | Prospect Woods PS Upgrade | PSU | 2 yr | | | | | |
| 320 | W | Winton | | | | | | | | | | |
| 321 | 10140620 | Springfield Pike & Riddle Rd. | | | Partially buried Storage - Protects Interceptors; 9.4 MG, gravity in & out | STOR | | | 1/1/2020 | 10/31/2022 | 1/1/2028 | 12/31/2029 |
| 322 | 10141040 | Winton Rd. & Lakeview Dr. | | | New parallel sewer to follow original alignment - 11,238 ft of 18-42" Sensitive Receiving Stream | CONV | | | 1/1/2020 | 10/31/2022 | 4/1/2027 | 4/30/2029 |
| 323 | 10141320 | Greenpine Acres PS | PSO 794 | | PS Elim, PSO 794, w/sewer | CONV | 2 yr | | 1/1/2020 | 10/31/2022 | 8/31/2028 | 12/31/2029 |
| 324 | 10140800 | Ronald Reagan & Hamilton | SSO 612, 1003 | | Replace collector following original alignment - 12,396 ft of 12-48"; Tunnel 80 ft of 36" | CONV | 2 yr | | 1/1/2020 | 8/31/2022 | 4/1/2027 | 7/30/2028 |
| 325 | DAL | Delta Ave. Lower | | | | | | | | | | |
| 326 | 10172000 | Kellogg @ Wilmer, REG | CSO 669 | | Regulator Improvement | RI | 0.0 | | 1/1/2020 | 10/31/2022 | 10/31/2022 | 8/31/2023 |
| 327 | D | Deerfield | | | | | | | | | | |
| 328 | 10170980 | Stewart & Ken Arbre Grating | CSO 554 | | Regulator Improvements - 4.1 cfs | RI | 0.0 | | 1/1/2020 | 6/30/2024 | 3/1/2029 | 12/31/2029 |
| 329 | 10171000 | 6735 Ken Arbre Grating | CSO 555 | | Sewer Separation | PS | 8.9 | | 1/1/2020 | 8/31/2022 | 8/31/2028 | 12/31/2029 |
| 330 | 10171020 | Stewart Rd. West Regulator | CSO 556 | | Storage - 2.90 MG | STOR | 17.5 | | 1/1/2020 | 11/30/2023 | 8/31/2028 | 12/31/2029 |
| 331 | RR | Rapid Run | | | | | | | | | | |
| 332 | 10130440 | Wulff Run Creek, From Neeb Rd. to Viscount | | | Replace Interceptor in Wulff Run - 4500 ft of 24" | CONV | | | 11/1/2025 | 7/31/2028 | 7/31/2028 | 12/31/2029 |
| 333 | 10130460 | Delhi Rd & Oakwood Park Dr. | SSO 623 | | Storage Tank capturing SSO 623 - 1.25 MG w/3 MGD pump | STOR | 2 yr | | 12/1/2025 | 8/31/2028 | 8/31/2028 | 12/31/2029 |
| 334 | 10130500 | Delhi Rd. East to Schroer Ave. | | | Replace Interceptor along original alignment through Delhi - 5500 ft of 18-24" | CONV | | | 5/2/2024 | 6/1/2028 | 6/1/2028 | 12/31/2029 |
| 335 | 10130760 | Rapid Run & Devils Backbone | CSO 523 | | EHRT - 106 MGD Community Priority (NOTE 2) | EHRT | 55.3 | | 1/1/2020 | 9/30/2022 | 9/30/2022 | 1/29/2025 |
| 336 | TWLU | Tributary to Winton Lake Upper | | | | | | | | | | |
| 337 | 10142260 | Daly Rd. Vortex Separator | CSO 532 | | EHRT - 204.7 MGD Community Priority (NOTE 2) | EHRT | 33.9 | | 12/1/2025 | 8/31/2028 | 8/31/2028 | 12/31/2029 |
| 338 | LDC | Lower Duck Conveyance | | | | | | | | | | |
| 339 | 10170200 | Wooster Pike & West St. | | | WIBs - Replace existing pipe - Approx. 2800 LF of 12-27" | CONV | | | 1/1/2020 | 9/30/2021 | Design Only | Design Only |
| 340 | 10170680 | Plainview Rd. | | | WIBs - Replace existing pipe - Approx. 2800 LF of 12-27" | CONV | | | 1/1/2020 | 8/31/2022 | Design Only | Design Only |
| 341 | SP | Sycamore Plan | | | | | | | | | | |
| 342 | 10160020 | Montgomery & Deerfield | | | Replace pipe - 500 ft of 18" | CONV | | | 1/1/2020 | 9/30/2022 | Design Only | Design Only |
| 343 | CCB | Clough Creek B | | | | | | | | | | |
| 344 | 10170300 | Gungadin Dr. W. of 5 Mile & Paddison | | | Replace existing pipe - Approx. 8800 LF of 21-27" | CONV | | | 1/1/2020 | 9/30/2022 | Design Only | Design Only |
| 345 | 10170360 | Concordridge Dr. & Hunley Rd. | | | Replace existing pipe - Approx. 6600 LF of 15-18" | CONV | | | 1/1/2020 | 9/30/2022 | Design Only | Design Only |
| 346 | 10170380 | Lawyer Rd. @ Heatherwood Ln. | | | Replace existing pipe - Approx. 2100 LF of 15" | CONV | | | 1/1/2020 | 2/29/2024 | Design Only | Design Only |
| 347 | 10170480 | Clough Pike @ Goldengate Dr. | | | Replace existing pipe - Approx. 6100 LF of 21-27" | CONV | | | 1/1/2020 | 9/30/2022 | Design Only | Design Only |
| 348 | 10170500 | Clough Pike @ Wolfangle Rd. | | | Replace existing pipe - Approx. 5300 LF of 18-21" | CONV | | | 1/1/2020 | 1/30/2024 | Design Only | Design Only |
| 349 | PRWWTP | Polk Run Wastewater Treatment Plant | | | | | | | | | | |
| 350 | 10150020 | Polk WWTP STO Storage Tank | | | Storage - 6 MG (NOTE 1) | STOR | | | 1/1/2020 | 9/30/2022 | Design Only | Design Only |
| 351 | 10150015 | Polk Run WWTP Optimization Ph4 | | | Polk Run WWTP Optimization Ph4 | Optimization | NOTE 1 | | 1/1/2020 | 7/31/2021 | Design Only | Design Only |
| 352 | 10150080 | Polk WWTP STO Replace Pipe | | | Replacement pipe - 800 ft of 30"/1 MG tank | CONV/STOR | | | 1/1/2020 | 5/1/2023 | Design Only | Design Only |
| 353 | 10150100 | Polk WWTP CNV Map 015 | | | Replacement pipe - 2700 ft of 15-18" | CONV | | | 1/1/2020 | 10/31/2021 | Design Only | Design Only |
| 354 | 10150140 | Polk WWTP CNV Map 002 | | | Replace pipe (200 ft of 18"). New PS & Storage tank | CONV/STOR | | | 1/1/2020 | 1/30/2023 | Design Only | Design Only |
| 355 | 10150160 | Polk WWTP CNV Map 010 | | | Replace pipe - 7000 ft of 36 - 48" | CONV | | | 1/1/2020 | 1/30/2023 | Design Only | Design Only |
| 356 | CA | California Plan | | | | | | | | | | |
| 357 | 10170400 | 5 Mile Rd. & Old Kellogg | | | Replace existing pipe - Approx. 5000 LF of 36-54" | CONV | | | 1/1/2020 | 7/31/2023 | Design Only | Design Only |
| 358 | 10170420 | 5 Mile Rd. & Birney Ln. | | | Replace existing pipe - Approx. 2000 LF of 42" | CONV | | | 1/1/2020 | 7/30/2024 | Design Only | Design Only |
| 359 | 10170440 | 4 Mile Rd. @ I-275 | | | Replace existing pipe - Approx. 7400 LF of 21-30" | CONV | | | 1/1/2020 | 7/31/2023 | Design Only | Design Only |
| 360 | 10170460 | Indian Creek Rd. | | | Seal Manhole Lids | Seal Manhole Lids | | | 1/1/2020 | 12/31/2020 | Design Only | Design Only |
| 361 | 10170540 | Kellogg Ave. @ Coney Island | | | Replace existing pipe - Approx. 6200 LF of 54-66" | CONV | | | 1/1/2020 | 4/1/2022 | Design Only | Design Only |
| 361A | | LMCFR Geotechnical Investigation | | | Tunnel Geo Investigation | | | | | | 1/1/2020 | 12/31/2021 |
| 361B | | Submit Proposed Phase 2 Schedule (Note 8) | | | | | | | | | | |
| | NOTES: | 1 | | | PROJECT COMPLETE AND IN SERVICE AT SPECIFIED CAPACITY | | | | | | | |
| | | 2 | | | FOR ALL PROJECTS WITH EHRT TECHNOLOGY VOLUME SHOWING IS REMAINING UNTREATED OVERFLOW - SEE ATTACHMENT 5. | | | | | | | |
| | | 3 | | | INFORMATION RELATED TO THIS PROJECT IS PRELIMINARY AND SUBJECT TO CHANGE BASED ON FURTHER STUDY AS SET FORTH IN PARAGRAPH A.3. OF THE WWIP | | | | | | | |
| | | 4 | | | CAPP DESIGN: ALL CAPP SEWER PROJECTS WILL BE DESIGNED TO MEET THE 10 YEAR DESIGN STORM EVENT. ALL CAPP PUMP STATION AND STORAGE FACILITIES WILL BE DESIGNED TO MEET THE | | | | | | | |

