*Opportunity PROGRAM

Opening doors to minority-owned, woman-owned, and small business enterprises in Northeast Ohio





Engineering &
Construction (CIP)



Watershed
Programs
(Stormwater)



Operations



Materials & Services

RANGE OF OPPORTUNITIES FOR DOING BUSINESS WITH THE DISTRICT



Engineering &
Construction (CIP)



Watershed
Programs
(Stormwater)



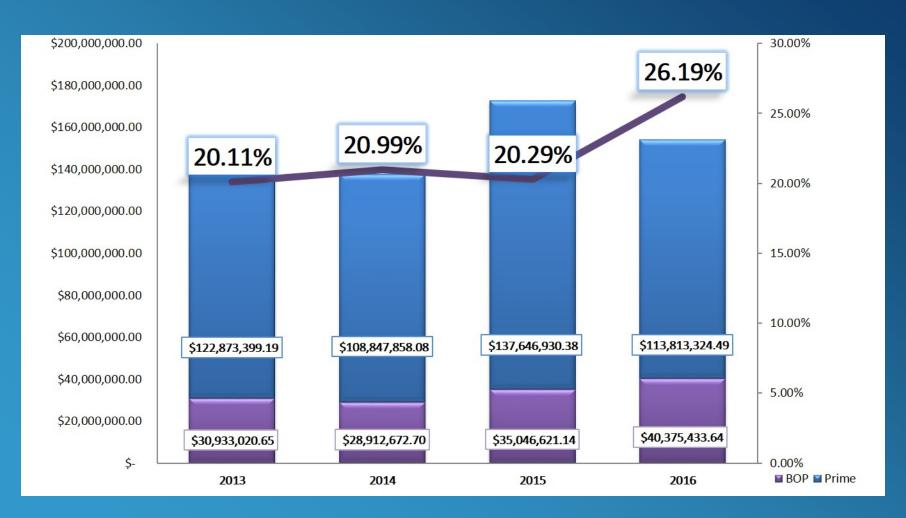
Operations



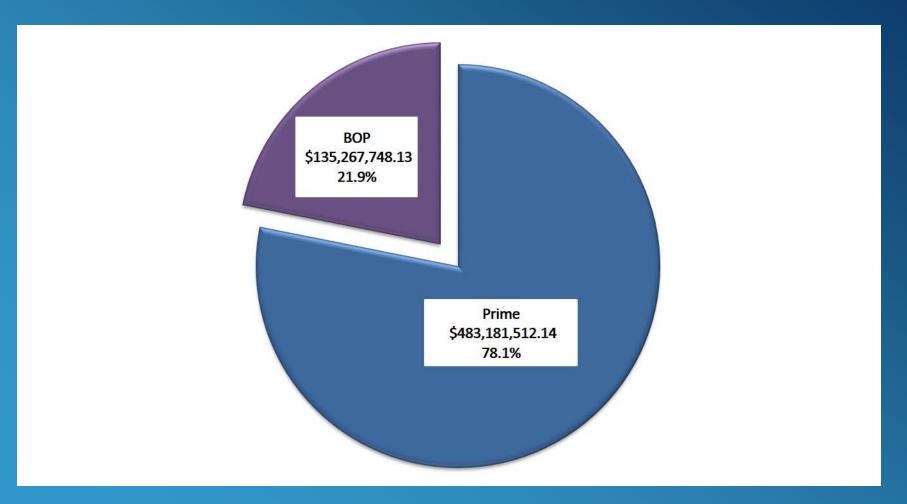
Materials & Services

RANGE OF OPPORTUNITIES FOR DOING BUSINESS WITH THE DISTRICT

Annual Cash Flow for Construction Projects 2013-2016

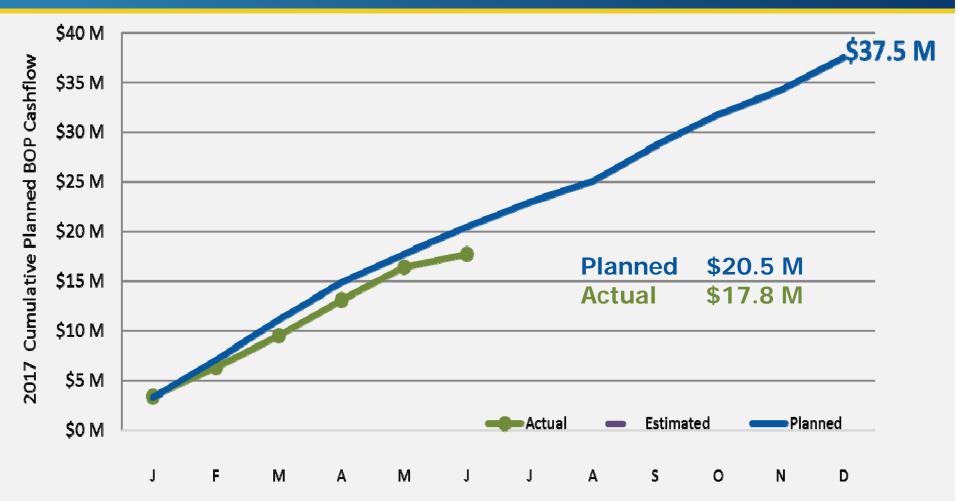


Total Cash Flow for Construction Projects 2013-2016





2017 BUSINESS OPPORTUNITY PROGRAM CASHFLOW



Capital Improvement Plan (CIP): 2017-2021 Projects

\$ 1.38 billion *- anticipated construction project awards during this 5-year period.

Projects and contract award values by program area:

•	Combined	Sewer	Overflow	Control	Program ((CSO)	\$1.17 billion	(85%
	Combined	JCWCI	Overnow	COHLIGI	riugiaiii	(630)	- ΔT.T/ DIIIIOH	(O)

Wastewater Treatment Plants \$126.3 million (9%)

Collection Systems \$50.9 million (4%)

Districtwide Activities \$28.4 million (2%)

Examples of CIP Construction Services

Surveying Material hauling/trucking

Fencing Concrete structures

Asphalt pavement Traffic control

Electrical (installation, Landscaping (trees, shrubs, seeds,

supplies, equipment) mowing)

Photography Systems integration

CCTV/inspection Ready mix concrete

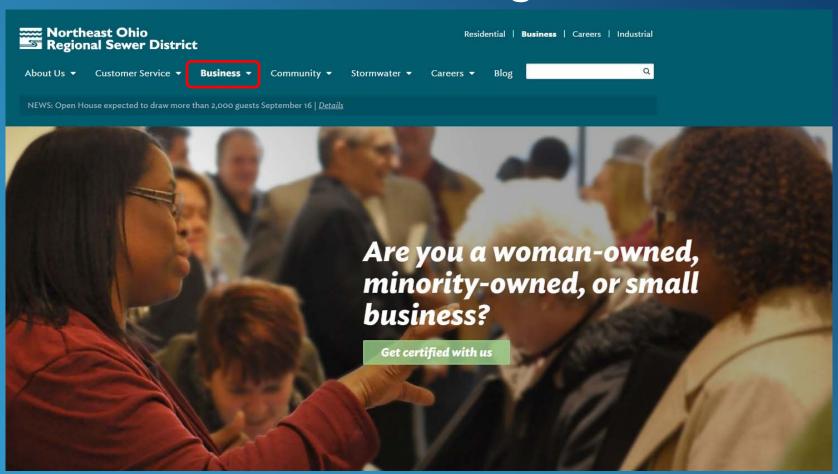
Saw cutting Trailers

Aggregate supplies Geotechnical instrumentation

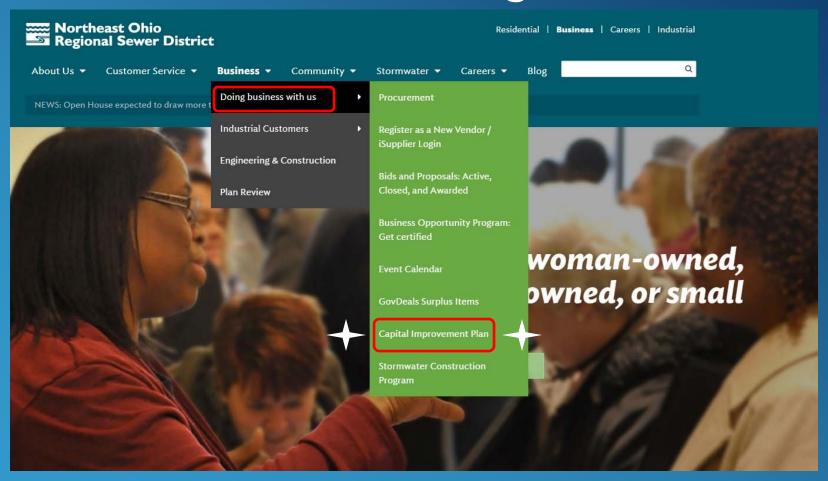
Shaft excavation Security

Masonry Metal fabrication

neorsd.org



neorsd.org



Show Project Summaries				
2017 - 2021 CIP Program Summary As of Jul 31, 2017				
Project Name and Location	RFP(1)	Design(2)	Award of Construction	Construction Est.(\$M)
CIP Collection Systems (Interceptors - Rehab)				
CIP Collection System Systemwide	0.			
Odor Control Facility Upgrades	3rd Quarter 2019	1st Quarter 2020	1st Quarter 2021	\$2
Pump Stations and Auto Regulator R&R Projects (2019-2036)	3rd Quarter 2021	4th Quarter 2021	4th Quarter 2022	N
CSO Culvert Inspection and Repair 1	2nd Quarter 2021	3rd Quarter 2021	2nd Quarter 2022	\$24
Collection System Asset Renewal-2	1st Quarter 2020	3rd Quarter 2020	2nd Quarter 2021	\$4
Collection System Asset Renewal-3	3rd Quarter 2021	4th Quarter 2021	4th Quarter 2022	\$4
CIP Collection System Easterly				
Green Creek Culvert Repair	4th Quarter 2021	1st Quarter 2022	2nd Quarter 2023	\$3
CIP Collection System Southerly				
Burke Brook Open channel Improvements (BOCI)	N/A	N/A	1st Quarter 2019	\$12
CIP Combined Sewer Overflow Control Program (CSO)				
Easterly CSO Projects				
Easterly CSO Projects	17-Mar-16 A	21-Jul-16 A	2nd Quarter 2018	\$20
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer	17-Mar-16 A 21-Apr-16 A	CD42000000000000000000000000000000000000		70/50404
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers		18-Aug-16 A	2nd Quarter 2018	\$3
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A	2nd Quarter 2018 2nd Quarter 2018	\$3 \$38
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief	21-Apr-16 A 07-Jul-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019	\$3 \$38 \$9
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021	\$38 \$38 \$9
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021	\$38 \$38 \$9 \$198
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022	\$3 \$38 \$9 \$198 \$84
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022	\$3 \$3 \$1 \$19 \$8
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2029 1st Quarter 2022 2nd Quarter 2029 1st Quarter 2029 3rd Quarter 2029	\$: \$38 \$19 \$19 \$8-
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Boreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects dorgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027	\$3 \$3 \$19 \$84 \$10 \$26 \$26
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Bhoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2027	\$1 \$34 \$194 \$8- \$1194 \$269 \$269 \$259 \$60
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Bhoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 3rd Quarter 2021	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2027	\$1 \$34 \$194 \$8- \$1194 \$269 \$269 \$259 \$60
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Regulators / Rel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 3rd Quarter 2021	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Fab-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024	\$1 \$38 \$19 \$88 \$11 \$266 \$25 \$66
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Bioneline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020	\$1 \$34 \$194 \$8- \$10 \$26 \$25 \$61 \$51 \$51 \$51 \$51 \$51 \$51 \$51 \$51 \$51 \$5
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Bhoreline Storage Area Tunnel Bhoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Boutherly Tunnel Boutherly Tunnel Dewatering Pump Station BOSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 3rd Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2020 1st Quarter 2018	\$34 \$34 \$199 \$84 \$11 \$260 \$25 \$61 \$16
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly Storage Tunnel Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 3rd Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2020 1st Quarter 2018	\$38 \$38 \$199 \$84 \$10 \$260 \$25 \$67 \$5
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Punnel Dewatering Pump Station (C) Easterly Plants	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2019 3rd Quarter 2019 3rd Quarter 2019	\$1 \$38 \$19 \$84 \$11 \$265 \$25 \$66 \$16 \$16 \$7
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Punnel Dewatering Pump Station (C) Easterly Plants	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2019 3rd Quarter 2019 3rd Quarter 2019	\$1 \$38 \$19 \$84 \$11 \$265 \$25 \$66 \$16 \$16 \$7
Easterly CSO Projects Doan Valley, Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West Sard Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C) Easterly Chemically Enhanced High Rate Treatment Facility	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 3rd Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17 N/A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2029 1st Quarter 2029 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2018	\$198 \$198 \$198 \$198 \$116 \$266 \$226 \$66 \$156 \$156 \$156 \$156 \$156 \$156 \$156

Show Project Summaries				
2017 - 2021 CIP Program Summary As of Jul 31, 2017				
Project Name and Location	RFP(1)	Design(2)	Award of Construction	Construction Est.(\$M)
CIP Collection Systems (Interceptors - Rehab)				
CIP Collection System Systemwide	10			
Odor Control Facility Upgrades	3rd Quarter 2019	1st Quarter 2020	1st Quarter 2021	\$2.
Pump Stations and Auto Regulator R&R Projects (2019-2036)	3rd Quarter 2021	4th Quarter 2021	4th Quarter 2022	N/
CSO Culvert Inspection and Repair 1	2nd Quarter 2021	3rd Quarter 2021	2nd Quarter 2022	\$24.
Collection System Asset Renewal-2	1st Quarter 2020	3rd Quarter 2020		\$4.
Collection System Asset Renewal-3	3rd Quarter 2021	4th Quarter 2021	4th Quarter 2022	\$4
CIP Collection System Easterly	L.			
Green Creek Culvert Repair	4th Quarter 2021	1st Quarter 2022	2nd Quarter 2023	\$3.
CIP Collection System Southerly				
Burke Brook Open channel Improvements (BOCI)	N/A	N/A	1st Quarter 2019	\$12
				\$50.
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects				
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer	17-Mar-16 A	21-Jul-16 A	THE STATE OF THE PARTY OF THE P	\$20
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers	21-Apr-16 A	18-Aug-16 A	2nd Quarter 2018	\$20 \$3
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer	21-Apr-16 A 07-Jul-16 A	18-Aug-16 A 17-Nov-16 A	2nd Quarter 2018 2nd Quarter 2018	\$20 \$3 \$38
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Doan Valley Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019	\$20 \$3 \$38 \$9
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021	\$20 \$3 \$38 \$9 \$198
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021	\$20 \$3 \$38 \$9 \$198
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022	\$20 \$3 \$38 \$9 \$198 \$84
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Southerly CSO Projects Horgana Run Regulators and Rehab	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022	\$20 \$3 \$38 \$9 \$198 \$84
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2029	\$20 \$3 \$38 \$9 \$198 \$84
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2029 1st Quarter 2021 2nd Quarter 2029 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2027	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29
ETP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Youn Valley Relief and Consolidation Sewer Youngway Regulators and Relief Sewers Yound Valley Regulators / Relief Yound Valley Valley Valley Yound V	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2029 1st Quarter 2021 2nd Quarter 2029 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2027	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29
ETP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Youn Valley Relief and Consolidation Sewer Young Regulators and Relief Sewers Young Valley Regulators / Relief Young Valley Regulators Sewer Southerly CSO Projects Young Run Regulators and Rehab Youtherly Tunnel Dewatering Pump Station Young Valley Regulators Sewer Young Valley Relief And Walley Valley Valley Westerly CSO Projects	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 4th Quarter 2024	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer South Storage Area Tunnel Shoral Valley Relief Sewer South Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Borgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Dewatering Pump Station CCSO-2 Kingsbury Run Consolidation Sewer Swesterly CSO Projects Westerly CSO Projects Westerly Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 1st Quarter 2021 1st Quarter 2021 1st Quarter 2019	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024 1st Quarter 2020	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
ETP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Ondon Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Horgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Learl Road/CSO-045 Storage Tank & Jennings PS Westerly Storage Tunnel Vest 3rd Quigley / Westerly Miscellaneous CSO Control	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 2nd Quarter 2024 4th Quarter 2024 3nd Quarter 2024 4th Quarter 2028	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators and Relief Sewers Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Valley / Southerly CSO Projects Doan Valley Regulators and Rehab Doutherly Tunnel Doutherly Tunnel Dewatering Pump Station Doan Valley / Responsible Valley / Responsible Valley / Resterly Valley / Resterly Miscellaneous CSO Control Desterly Tunnel Dewatering Pump Station (C)	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 1st Quarter 2021 1st Quarter 2021 1st Quarter 2019	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2020 1st Quarter 2018	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dougway Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Regulators and Rehab Doutherly Tunnel Doutherly Tunnel Dewatering Pump Station Doan Valley Regulators Doan Valley Relief Doutherly Tunnel Dewatering Pump Station Doan Valley Relief Doan Valley Reli	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 3rd Quarter 2019 3rd Quarter 2019	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Doutherly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Dearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Nesterly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control West and Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C) Easterly Plants Easterly Chemically Enhanced High Rate Treatment Facility	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 2nd Quarter 2024 4th Quarter 2024 3nd Quarter 2024 4th Quarter 2028	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C) Easterly Plants	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 3rd Quarter 2019 3rd Quarter 2019	\$3 \$38 \$99 \$198 \$84 \$10 \$269 \$29 \$67, \$9
Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West ard Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C) Easterly Plants Easterly Chemically Enhanced High Rate Treatment Facility	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 3rd Quarter 2019 3rd Quarter 2019	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7 \$28

Northeast Ohio Regional Sewer District				
Show Project Summaries				
2017 - 2021 CIP Program Summary As of Jul 31, 2017				
Project Name and Location	RFP(1)	Design(2)	Award of Construction	Construction Est.(\$M)
CIP Collection Systems (Interceptors - Rehab)				
CIP Collection System Systemwide				
Odor Control Facility Upgrades	3rd Quarter 2019	1st Quarter 2020	1st Quarter 2021	\$2.
Pump Stations and Auto Regulator R&R Projects (2019-2036)	3rd Quarter 2021	4th Quarter 2021	4th Quarter 2022	N/
CSO Culvert Inspection and Repair 1	2nd Quarter 2021	3rd Quarter 2021	2nd Quarter 2022	\$24.
Collection System Asset Renewal-2	1st Quarter 2020	3rd Quarter 2020	2nd Quarter 2021	\$4.
Collection System Asset Renewal-3	3rd Quarter 2021	4th Quarter 2021	4th Quarter 2022	\$4.
CIP Collection System Easterly	L.			
Green Creek Culvert Repair	4th Quarter 2021	1st Quarter 2022	2nd Quarter 2023	\$3.
CIP Collection System Southerly				1
Jurke Brook Open channel Improvements (BOCI)	N/A	N/A	1st Quarter 2019	\$12
IP Collection Systems (Interceptors - Rehab) Sub-program Total				\$50.
CIP Combined Sewer Overflow Control Program (CSO)				\$50.
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects	17-Mar-16 A	21-Jul-16 A	2nd Quarter 2018	
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer	17-Mar-16 A 21-Apr-16 A	21-Jul-16 A 18-Aug-16 A	Management And and International Control	\$20
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer		The second secon	2nd Quarter 2018	\$20 \$3
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Regulators / Relief	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A	18-Aug-16 A	2nd Quarter 2018 2nd Quarter 2018	\$20 \$3 \$38 \$9
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021	\$20 \$3 \$38 \$9 \$198
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019	\$20 \$3 \$38 \$9 \$198
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022	\$20 \$3 \$38 \$9 \$198 \$84
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Regulators / Relief Biboreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Torgana Run Regulators and Rehab	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022	\$20 \$3 \$38 \$9 \$198 \$84
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Schoreline Storage Area Tunnel Schoreline Consolidation Sewer Southerly CSO Projects Torgana Run Regulators and Rehab Southerly Tunnel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024	\$20 \$3 \$38 \$9 \$198 \$84
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Condon Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects dorgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 3rd Quarter 2021	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2027	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dougway Regulators and Relief Sewers Doan Valley Regulators / Relief Doneline Storage Area Tunnel Dishoreline Consolidation Sewer Southerly CSO Projects Torgana Run Regulators and Rehab Doutherly Tunnel Doutherly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Dearl Road/CSO-045 Storage Tank & Jennings PS	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2027	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67
Easterly CSO Projects roan Valley Relief and Consolidation Sewer roan Valley Relief and Consolidation Sewer roan Valley Regulators and Relief Sewers roan Valley Regulators and Relief Sewers roan Valley Regulators / Relief roan Roan Regulators and Rehab routherly Tunnel Dewatering Pump Station roan Valley Valley Relief roan Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 3rd Quarter 2021 1st Quarter 2019	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2020	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dougway Regulators and Relief Sewers Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Relief Doan Valle	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 3rd Quarter 2021 1st Quarter 2019 16-Apr-15 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024 1st Quarter 2020	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects roan Valley Relief and Consolidation Sewer roan Valley Relief and Consolidation Sewer roan Valley Relief Sewer roan Valley Regulators and Relief Sewers roan Valley Regulators / Relief rishoreline Storage Area Tunnel rishoreline Consolidation Sewer Southerly CSO Projects rogana Run Regulators and Rehab routherly Tunnel routherly Tunnel Dewatering Pump Station roc50-2 Kingsbury Run Consolidation Sewer earl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Vesterly Storage Tunnel Vest 3rd Quigley / Westerly Miscellaneous CSO Control	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 3rd Quarter 2021 1st Quarter 2021 1st Quarter 2019 16-Apr-15 A 20-Apr-17 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2019 1st Quarter 2029 1st Quarter 2029 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects Yoan Valley Relief and Consolidation Sewer Yougway Regulators and Relief Sewers Yoan Valley Regulators and Relief Sewers Yoan Valley Regulators / Relief Youtherline Storage Area Tunnel Youtherly CSO Projects Youtherly CSO Projects Youtherly Tunnel Youtherly Tunnel Dewatering Pump Station YOSO - 2 Kingsbury Run Consolidation Sewer Youtherly Tunnel Dewatering Pump Station YOSO - 2 Kingsbury Run Consolidation Sewer Youtherly Storage Tunnel Yesterly Storage Tunnel Yest 3rd Quigley / Westerly Miscellaneous CSO Control Yesterly Tunnel Dewatering Pump Station (C)	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 3rd Quarter 2021 1st Quarter 2019 16-Apr-15 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024 1st Quarter 2020	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dougway Regulators and Relief Sewers Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Regulators and Rehab Doutherly Tunnel Doutherly Tunnel Dewatering Pump Station Doan Valley Relief Doan Valley Relief Doan Valley Relief Doutherly Tunnel Dewatering Pump Station Doan Valley Relief Doan V	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024 2nd Quarter 2020 3rd Quarter 2020 3rd Quarter 2019 3rd Quarter 2019	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C) Easterly Plants Easterly Chemically Enhanced High Rate Treatment Facility	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 3rd Quarter 2021 1st Quarter 2021 1st Quarter 2019 16-Apr-15 A 20-Apr-17 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2019 1st Quarter 2029 1st Quarter 2029 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7
Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Ehoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C)	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024 2nd Quarter 2020 3rd Quarter 2020 3rd Quarter 2019 3rd Quarter 2019	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7 \$28

Show Project Summaries				
2017 - 2021 CIP Program Summary As of Jul 31, 2017				
Project Name and Location	RFP(1)		Award of Construction	Construction Est.(\$M)
CIP Collection Systems (Interceptors - Rehab)				
CIP Collection System Systemwide	()			
Odor Control Facility Upgrades	3rd Quarter 2019	1st Quarter 2020	1st Quarter 2021	\$2.
Pump Stations and Auto Regulator R&R Projects (2019-2036)	3rd Quarter 2021	4th Quarter 2021	4th Quarter 2022	N/
CSO Culvert Inspection and Repair 1	2nd Quarter 2021	3rd Quarter 2021	2nd Quarter 2022	\$24
Collection System Asset Renewal-2	1st Quarter 2020	3rd Quarter 2020	2nd Quarter 2021	\$4
Collection System Asset Renewal-3	3rd Quarter 2021	4th Quarter 2021	4th Quarter 2022	\$4
CIP Collection System Easterly				
Green Creek Culvert Repair	4th Quarter 2021	1st Quarter 2022	2nd Quarter 2023	\$3
CIP Collection System Southerly				
Burke Brook Open channel Improvements (BOCI)	N/A	N/A	1st Quarter 2019	\$12
				\$50.
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects				
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer	17-Mar-16 A	21-Jul-16 A	2nd Quarter 2018	\$20
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers	21-Apr-16 A	18-Aug-16 A	2nd Quarter 2018	\$20 \$3
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer	21-Apr-16 A 07-Jul-16 A	18-Aug-16 A 17-Nov-16 A	2nd Quarter 2018 2nd Quarter 2018	\$20 \$3 \$38
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Ooan Valley Relief and Consolidation Sewer Ougway Regulators and Relief Sewers Ondon Road Relief Sewer Ooan Valley Regulators / Relief	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019	\$20 \$3 \$38 \$9
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021	\$20 \$3 \$38 \$9 \$198
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019	\$20 \$3 \$38 \$9 \$198
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022	\$20 \$3 \$38 \$9 \$198 \$84
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Iorgana Run Regulators and Rehab	21-Apr-16 A 07-Jul-16 A 20-0ct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2019	\$20 \$3 \$38 \$9 \$198 \$84
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Sonan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Torgana Run Regulators and Rehab Southerly Tunnel	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2029 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024	\$20 \$3 \$38 \$9 \$198 \$84
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Horgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29
EIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Horgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Nar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2021 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2027	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67
ETP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Young Nalley Relief and Consolidation Sewer Young Negulators and Relief Sewers Young Nalley Regulators / Relief Young Nalley Nalley Nalley Young N	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67
ETP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Youn Valley Relief and Consolidation Sewer Young Regulators and Relief Sewers Young Valley Regulators / Relief Young Valley Regulators Sewer Southerly CSO Projects Young Run Regulators and Rehab Youtherly Tunnel Young Valley Regulators Young Valley Valley Young Valley Regulators Young Valley Young Vall	21-Apr-16 A 07-Jul-16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A 1st Quarter 2021 1st Quarter 2021 3rd Quarter 2021 1st Quarter 2021 1st Quarter 2021	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2022 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Bougway Regulators and Relief Sewers Boundon Road Relief Sewer Boundon Valley Regulators / Relief Boundon Valley Regulators / Relief Boundon Valley Regulators Sewer Boundon Road Relief Storage Area Tunnel Boundon Regulators and Rehab Boundon Regulators and Rehab Boundon Regulators Relief Boundon Regulators Relief Boundon Regulators Relief Boundon R	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2022 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024 1st Quarter 2024 1st Quarter 2020	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
ETP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Horgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Learl Road/CSO-045 Storage Tank & Jennings PS Westerly Storage Tunnel Vest 3rd Quigley / Westerly Miscellaneous CSO Control	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2022 4st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2020 1st Quarter 2018	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators and Relief Sewers Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Valley / Southerly CSO Projects Doan Valley Valley / Southerly Tunnel Doutherly Tunnel Dewatering Pump Station Doutherly Tunnel Dewatering Pump Station Doan Valley Storage Tank & Jennings PS Westerly CSO Projects Vesterly Storage Tunnel Vest 3rd Quigley / Westerly Miscellaneous CSO Control Desterly Tunnel Dewatering Pump Station (C)	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2022 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2024 1st Quarter 2024 1st Quarter 2020	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Relief Relief Do	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17 N/A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2022 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 3rd Quarter 2019 3rd Quarter 2019	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7 \$28
Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers Doan Valley Regulators and Relief Sewers Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Doutherly Tunnel Dewatering Pump Station DECSO-2 Kingsbury Run Consolidation Sewer Dearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Nesterly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control West ard Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C) Easterly Plants Easterly Chemically Enhanced High Rate Treatment Facility	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2022 4st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2020 1st Quarter 2018	\$20 \$3 \$38 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7
Doan Valley Relief and Consolidation Sewer Dugway Regulators and Relief Sewers London Road Relief Sewer Doan Valley Regulators / Relief Shoreline Storage Area Tunnel Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C)	21-Apr-16 A	18-Aug-16 A 17-Nov-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17 N/A	2nd Quarter 2018 2nd Quarter 2018 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2022 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 3rd Quarter 2019 3rd Quarter 2019	\$3, \$38, \$9, \$198, \$84, \$10, \$269, \$29, \$67, \$9, \$160, \$7, \$28,

Show Brainst Summaring				
Show Project Summaries				
2017 - 2021 CIP Program Summary As of Jul 31, 2017				
Project Name and Location	RFP(1)	Design(2)	Award of Construction	Construction Est.(\$M)
CIP Collection Systems (Interceptors - Rehab)				
CIP Collection System Systemwide	1			
Odor Control Facility Upgrades	3rd Quarter 2019	1st Quarter 2020	1st Quarter 202:	\$2.
Pump Stations and Auto Regulator R&R Projects (2019-2036)	3rd Quarter 2021	4th Quarter 2021	4th Quarter 2022	N/
CSO Culvert Inspection and Repair 1	2nd Quarter 2021	3rd Quarter 2021	2nd Quarter 2022	\$24.
Collection System Asset Renewal-2	1st Quarter 2020	3rd Quarter 2020	2nd Quarter 202	\$4.
Collection System Asset Renewal-3	3rd Quarter 2021	4th Quarter 2021	4th Quarter 2022	\$4
CIP Collection System Easterly	II.			
Green Creek Culvert Repair	4th Quarter 2021	1st Quarter 2022	2nd Quarter 2023	\$3
CIP Collection System Southerly				
Burke Brook Open channel Improvements (BOCI)	N/A	N/A	1st Quarter 2019	\$12
CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects				
Doan Valley Relief and Consolidation Sewer	17-Mar-16 A	The Control of the Co	A primitive control (#05) in the research control of the control o	
Dugway Regulators and Relief Sewers	21-Apr-16 A			
ondon Road Relief Sewer	07-Jul-16 A			
Doan Valley Regulators / Relief	20-Oct-16 A			
Shoreline Storage Area Tunnel	3rd Quarter 2018		7.	
Shoreline Consolidation Sewer	4th Quarter 2019	2nd Quarter 2020	2nd Quarter 2022	\$84
Southerly CSO Projects				
Aorgana Run Regulators and Rehab	20-Aug-15 A		A H	The state of the s
	1st Quarter 2021	2nd Quarter 2021		
Southerly Tunnel Dewatering Pump Station	1st Quarter 2021			
Southerly Tunnel Dewatering Pump Station GCSO-2 Kingsbury Run Consolidation Sewer	1st Quarter 2021 3rd Quarter 2021	4th Quarter 2021	1st Quarter 2024	\$67
outherly Tunnel Dewatering Pump Station CSO-2 Kingsbury Run Consolidation Sewer learl Road/CSO-045 Storage Tank & Jennings PS	1st Quarter 2021	4th Quarter 2021	1st Quarter 2024	\$67
ioutherly Tunnel Dewatering Pump Station ICSO-2 Kingsbury Run Consolidation Sewer earl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects	1st Quarter 2021 3rd Quarter 2021 1st Quarter 2019	4th Quarter 2021 3rd Quarter 2019	1st Quarter 2024 4th Quarter 2020	\$ \$67) \$9
toutherly Tunnel Dewatering Pump Station ICSO-2 Kingsbury Run Consolidation Sewer earl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Vesterly Storage Tunnel	1st Quarter 2021 3rd Quarter 2021 1st Quarter 2019 16-Apr-15 A	4th Quarter 2021 3rd Quarter 2019 01-Oct-15 #	1st Quarter 2020 4th Quarter 2020 1st Quarter 2018	\$ \$67 \$9 \$160
Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer learl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel Vest 3rd Quigley / Westerly Miscellaneous CSO Control	1st Quarter 2021 3rd Quarter 2021 1st Quarter 2019 16-Apr-15 A 20-Apr-17 A	4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	1st Quarter 2020 4th Quarter 2020 1st Quarter 2018 1st Quarter 2019	\$67 \$9 \$160 \$7
Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C)	1st Quarter 2021 3rd Quarter 2021 1st Quarter 2019 16-Apr-15 A	4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	1st Quarter 2020 4th Quarter 2020 1st Quarter 2010 1st Quarter 2010	\$67 \$9 \$160 \$7
Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C) Easterly Plants	1st Quarter 2021 3rd Quarter 2021 1st Quarter 2019 16-Apr-15 A 20-Apr-17 A N/A	4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17 N/A	1st Quarter 2024 4th Quarter 2020 1st Quarter 2014 1st Quarter 2014 3rd Quarter 2019	\$67 \$9 \$160 \$7 \$28
Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Pearl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C) Easterly Plants Easterly Chemically Enhanced High Rate Treatment Facility	1st Quarter 2021 3rd Quarter 2021 1st Quarter 2019 16-Apr-15 A 20-Apr-17 A	4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17 N/A	1st Quarter 2024 4th Quarter 2020 1st Quarter 2014 1st Quarter 2014 3rd Quarter 2019	\$67. \$9 \$160. \$7. \$28
Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C)	1st Quarter 2021 3rd Quarter 2021 1st Quarter 2019 16-Apr-15 A 20-Apr-17 A N/A	4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17 N/A 20-Aug-15 A	1st Quarter 2024 4th Quarter 2024 1st Quarter 2014 1st Quarter 2015 3rd Quarter 2015 1st Quarter 2016	\$67 \$9 \$160 \$7 \$28

Northeast Ohio Regional Sewer Distri				
now Project Summaries				
017 2001 St. Program Summary As of Jul 31, 2017				
roject Name and Location	RFP(1)	Design(2)	Award of	Construction Est.(\$M)
IP Collection Systems (Interceptors - Rehab)			Construction	
CIP Collection System Systemwide				
dor Control Facility Upgrades	3rd Quarter 2019	1st Quarter 2020	1st Quarter 2021	\$2
ump Stations and Auto Regulator R&R Projects (2019-2036)	3rd Quarter 2021	4th Quarter 2021		
SO Culvert Inspection and Repair 1	2nd Quarter 2021	3rd Quarter 2021		
ollection System Asset Renewal-2	1st Quarter 2020	3rd Quarter 2020		\$4
ollection System Asset Renewal-3	3rd Quarter 2021	4th Quarter 2021		
CIP Collection System Easterly	212 (22)	Suprise Eyel	ANISCHUIS EVER	-
reen Creek Culvert Repair	4th Quarter 2021	1st Quarter 2022	2nd Quarter 2023	\$3
CIP Collection System Southerly	101 2001001 2022	Aut Audito, Port	Ella Quarter Loca	-
urke Brook Open channel Improvements (BOCI)	N/A	N/A	1st Quarter 2019	\$12
and brook open channer improvements (boddy	03/49	13/70	202 Quarter 2020	920
IP Collection Systems (Interceptors - Rehab) Sub-program Total				\$50
IP Combined Sewer Overflow Control Program (CSO)				\$50
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects	17-Mar-16 A	21-Jul-16 A	2nd Quarter 2018	
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer	17-Mar-16 A 21-Apr-16 A	21-Jul-16 A 18-Aug-16 A		\$20
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers	21-Apr-16 A	18-Aug-16 A	2nd Quarter 2018	\$20 \$3
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oan Valley Regulators / Relief	21-Apr-16 A 07 70 15 A 20-Oct-16 A	18-Aug-16 A 17 Nov-16 A 16-Mar-17 A	2nd Quarter 2018 1st Quarter 2019	\$20 \$33 \$39 \$9
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oan Park Relief Forms oon Valley Regulators / Relief horeline Storage Area Tunnel	21-Apr-16 A 07 Jul 16 A 20-Oct-16 A 3rd Quarter 2018	18-Aug-16 A 17 Nov. 16 A 16-Mar-17 A 4th Quarter 2018	2nd Quarter 2018 2nd Quarter 2019 1st Quarter 2019 1st Quarter 2021	\$20 \$3 \$9 \$9 \$198
Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oan Valley Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer	21-Apr-16 A 07 70 15 A 20-Oct-16 A	18-Aug-16 A 17 Nov-16 A 16-Mar-17 A	2nd Quarter 2018 2nd Quarter 2019 1st Quarter 2019 1st Quarter 2021	\$20 \$3 \$9 \$9 \$198
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oan Valley Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects	21-Apr-16 A 07 Jul 16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019	18-Aug-16 A 17 Nov. 16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020	2nd Quarter 2018 1st Quarter 2019 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022	\$20 \$3 \$2 \$5 \$198 \$84
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oads Dead Belief Cower oan Valley Requiators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects organa Run Regulators and Rehab	21-Apr-16 A 22 Jul 16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A	2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2022	\$20 \$3 \$3 \$9 \$198 \$84
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oan Valley Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects organa Run Regulators and Rehab outherly Tunnel	21-Apr-16 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021	2nd Quarter 2018 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2029	\$20 \$3 \$5 \$198 \$84 \$10 \$10 \$265
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oan Valley Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects organa Run Regulators and Rehab outherly Tunnel outherly Tunnel Dewatering Pump Station	21-Apr-16 A 22 Jul 16 A 20-Oct-16 A 3rd Quarter 2018 4th Quarter 2019 20-Aug-15 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A	2nd Quarter 2018 2nd Quarter 2019 1st Quarter 2019 1st Quarter 2022 2nd Quarter 2029 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027	\$20 \$3 \$198 \$198 \$84 \$10 \$269 \$29
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oder Deed Bullef Cower oan Valley Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects organa Run Regulators and Rehab outherly Tunnel poutherly Tunnel Dewatering Pump Station CSO-2 Kingsbury Run Consolidation Sewer	21-Apr-16 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021	2nd Quarter 2018 2nd Quarter 2019 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2019 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2027 1st Quarter 2027	\$20 \$3 \$9 \$198 \$84 \$10 \$269 \$25 \$25
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oan Valley Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects organa Run Regulators and Rehab outherly Tunnel outherly Tunnel Dewatering Pump Station CSO-2 Kingsbury Run Consolidation Sewer earl Road/CSO-045 Storage Tank & Jennings PS	21-Apr-16 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021	2nd Quarter 2018 2nd Quarter 2019 1st Quarter 2021 2nd Quarter 2022 2nd Quarter 2019 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2027 1st Quarter 2027	\$20 \$3 \$9 \$198 \$84 \$10 \$269 \$25 \$25
Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oan Valley Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects organa Run Regulators and Rehab outherly Tunnel boutherly Tunnel Dewatering Pump Station CSO-2 Kingsbury Run Consolidation Sewer earl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects	21-Apr-16 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019	2nd Quarter 2018 2nd Quarter 2019 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2019 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 4th Quarter 2024	\$20 \$3 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers ugway Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects oorgana Run Regulators and Rehab outherly Tunnel outherly Tunnel Dewatering Pump Station CSO-2 Kingsbury Run Consolidation Sewer earl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects lesterly Storage Tunnel	21-Apr-16 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021	2nd Quarter 2018 2nd Quarter 2029 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020	\$20 \$3 \$198 \$198 \$84 \$10 \$269 \$29 \$67 \$9
IP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oan Valley Requilators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects lorgana Run Regulators and Rehab outherly Tunnel outherly Tunnel Dewatering Pump Station CSO-2 Kingsbury Run Consolidation Sewer earl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Vesterly Storage Tunnel Vest 3rd Quigley / Westerly Miscellaneous CSO Control	21-Apr-16 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A	2nd Quarter 2018 2nd Quarter 2029 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2020 1st Quarter 2018	\$20 \$3 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers oan Valley Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects organa Run Regulators and Rehab outherly Tunnel outherly Tunnel Dewatering Pump Station CSO-2 Kingsbury Run Consolidation Sewer searl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects lesterly Storage Tunnel lest 3rd Quigley / Westerly Miscellaneous CSO Control lesterly Tunnel Dewatering Pump Station (C)	21-Apr-16 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2029 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2020 1st Quarter 2018	\$20 \$3 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9
Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers udway Regulators and Relief Sewers oan Valley Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects oorgana Run Regulators and Rehab outherly Tunnel outherly Tunnel Dewatering Pump Station CSO-2 Kingsbury Run Consolidation Sewer earl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects resterly Storage Tunnel lest 3rd Quigley / Westerly Miscellaneous CSO Control resterly Tunnel Dewatering Pump Station (C) Easterly Plants	21-Apr-16 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2021 1st Quarter 2021 2nd Quarter 2022 1st Quarter 2022 4th Quarter 2027 1st Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 3rd Quarter 2020 3rd Quarter 2019 3rd Quarter 2019	\$20 \$3 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7
Easterly CSO Projects oan Valley Relief and Consolidation Sewer ugway Regulators and Relief Sewers ugway Regulators and Relief Sewers ugway Regulators / Relief horeline Storage Area Tunnel horeline Consolidation Sewer Southerly CSO Projects lorgana Run Regulators and Rehab outherly Tunnel outherly Tunnel Dewatering Pump Station CSO-2 Kingsbury Run Consolidation Sewer earl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects //esterly Storage Tunnel //est 3rd Quigley / Westerly Miscellaneous CSO Control //esterly Tunnel Dewatering Pump Station (C) //esterly Tunnel Dewatering Pump Station (C) //esterly Plants //esterly Plants //esterly Plants //esterly Plants //esterly Plants //esterly Chemically Enhanced High Rate Treatment Facility	21-Apr-16 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2021 1st Quarter 2022 2nd Quarter 2022 1st Quarter 2029 3rd Quarter 2024 4th Quarter 2024 4th Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2019 3rd Quarter 2019 3rd Quarter 2019	\$20 \$3 \$9 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7
CIP Collection Systems (Interceptors - Rehab) Sub-program Total CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects Doan Valley Relief and Consolidation Sewer Doan Valley Regulators and Relief Sewers Doan Valley Regulators / Relief Shoreline Consolidation Sewer Doan Valley Regulators / Relief Shoreline Consolidation Sewer Southerly CSO Projects Morgana Run Regulators and Rehab Southerly Tunnel Southerly Tunnel Southerly Tunnel Dewatering Pump Station SCSO-2 Kingsbury Run Consolidation Sewer Paerl Road/CSO-045 Storage Tank & Jennings PS Westerly CSO Projects Westerly Storage Tunnel West 3rd Quigley / Westerly Miscellaneous CSO Control Westerly Tunnel Dewatering Pump Station (C) Easterly Plants Easterly Chemically Enhanced High Rate Treatment Facility Southerly Optimized Parallel Treatment	21-Apr-16 A	18-Aug-16 A 16-Mar-17 A 4th Quarter 2018 2nd Quarter 2020 04-Feb-16 A 2nd Quarter 2021 2nd Quarter 2021 4th Quarter 2021 3rd Quarter 2019 01-Oct-15 A 07-Sep-17	2nd Quarter 2018 2nd Quarter 2019 1st Quarter 2019 1st Quarter 2021 2nd Quarter 2029 3rd Quarter 2024 4th Quarter 2027 1st Quarter 2024 4th Quarter 2020 1st Quarter 2020 1st Quarter 2020 1st Quarter 2020 1st Quarter 2019 3rd Quarter 2019 3rd Quarter 2019	\$3 \$99 \$198 \$84 \$10 \$269 \$29 \$67 \$9 \$160 \$7 \$28

CIP Collection Systems (Interceptors - Rehab) CIP Collection System Systemwide Odor Control Facility Upgrades Reconfiguration and replacement of filter media at 7 locations with synthetic media that does not require reoccurring replacement every 3 years Pump Stations and Auto Regulator R&R Projects (2019-2036) Pump Stations and Auto Regulator R&R Projects (2019-2036) Pump Stations and Auto Regulator R&R Projects (2019-2036) So Culvert Inspection and Repair 1 This project is part of an ongoing inspection and repair program on CSO culverts in order to establish a baseline condition, determine if repairs are needed, then design and construct the repairs. Collection System Asset Renewal-2 The CSAR projects will effectively prioritize collection system repair based off a menu of sewer segments that are expected to have reached the end of their useful lives. The may as developed based on the District's asset management repair and renewal tool output. The CSAR-2 designers will review the list of choices and help us determine the sewer segments to inspect, design and repair. The designer will also help determine project packaging for the future CSAR contracts. Collection System Asset Renewal-3 CIP Collection System Easterly Green Creek Culvert Repair Ath Quarter 2021 Ath Quarter 2022 Ist Quarter 2021 Ath Quarter 2022 Ath Quarter 2022 Ath Quarter 2023 Ath Quarter 2022 Ath Quarter 2023 CIP Collection System Southerly Burke Brook Open channel Improvements (BOCI) Project will enclose two existing open channels that currently convey combined sewage. CIP Collection Systems (Interceptors - Rehab) Sub-program Total \$ CIP Combined Sewer Overflow Control Program (CSO) Easterly CSO Projects	7 - 2021 CIP Program Summary As of Jul 31, 2017 ect Name and Location Collection Systems (Interceptors - Rehab) Collection System Systemwide Control Facility Upgrades	RFP(1)	Design(2)	~ 1.	
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The DVRCS project will construct approximately 4,800 lf of 48 to 72-inch sewer to control combined sewer overflows. The project will also provide surcharge relief to the Doan Valley Intercentor (DVI) system to meet the desired performance during the 5-year 6-hour rainfall event. ugway Regulators and Relief Sewers 21-Apr-16 A 18-Aug-16 A 2nd Quarter 2018 This Dugway Regulators & Relief Sewers (DRRS) project will be designed and constructed in order to meet specific CSO control requirements of Control Measure #6 as identified Appendix 1 of the Consent Decree. When complete, the project will provide CSO control for the Typical Year storm events and flood relief up to the 5-year, 6-hour storm within Dugway Interceptor system. The project will provide relief/consolidation sewer pipe ranging from 12-inch to 30-inch with installation methods including open-cut and small diameter trenchless methods; regulator modifications, a new regulator structure, and a new drop structure.	Valley Relief and Consolidation Sewer	17-Mar-16 A	21-Jul-16 A	2nd Ouarter 2018	\$20
ugway Regulators and Relief Sewers This Dugway Regulators & Relief Sewers (DRRS) project will be designed and constructed in order to meet specific CSO control requirements of Control Measure #6 as identifie Appendix 1 of the Consent Decree. When complete, the project will provide CSO control for the Typical Year storm events and flood relief up to the 5-year, 6-hour storm within Dugway Interceptor system. The project will provide relief/consolidation sewer pipe ranging from 12-inch to 30-inch with installation methods including open-cut and small diameter trenchless methods; regulator modifications, a new regulator structure, and a new drop structure.		ntrol combined sewer o	verflows. The project	will also provide surch	arge relief to the Doan
This Dugway Regulators & Relief Sewers (DRRS) project will be designed and constructed in order to meet specific CSO control requirements of Control Measure #6 as identified Appendix 1 of the Consent Decree. When complete, the project will provide CSO control for the Typical Year storm events and flood relief up to the 5-year, 6-hour storm within Dugway Interceptor system. The project will provide relief/consolidation sewer pipe ranging from 12-inch to 30-inch with installation methods including open-cut and small diameter trenchless methods; regulator modifications, a new regulator structure, and a new drop structure.	Valley Interceptor (DVI) system to meet the desired performance during the 5-year 6	-hour rainfall event.		A	30
Appendix 1 of the Consent Decree. When complete, the project will provide CSO control for the Typical Year storm events and flood relief up to the 5-year, 6-hour storm within Dugway Interceptor system. The project will provide relief/consolidation sewer pipe ranging from 12-inch to 30-inch with installation methods including open-cut and small diameter trenchless methods; regulator modifications, a new regulator structure, and a new drop structure.	vay Regulators and Relief Sewers	21-Apr-16 A	18-Aug-16 A	2nd Quarter 2018	\$3
Dugway Interceptor system. The project will provide relief/consolidation sewer pipe ranging from 12-inch to 30-inch with installation methods including open-cut and small diameter trenchless methods; regulator modifications, a new regulator structure, and a new drop structure.					
diameter trenchless methods; regulator modifications, a new regulator structure, and a new drop structure.					
			30 men with mstallati	on methods incidding	open cut and sman

Upcoming CIP Projects

Project	Award of Construction	Construction Estimate (\$M)			
Westerly Storage Tunnel	1st Quarter 2018	\$160.0			
The WST project includes the installation of a 21-foot diameter storage tunnel extending approximately 14,000 feet in length from its connection to the Westerly Tunnel Dewatering Pump Station (WTDPS) near the WWWTC.					
Easterly Chemically Enhanced High Rate Treatment Facility	1st Quarter 2018	\$125.0			
	EHRT project includes preliminary design and then des	ure 2. This facility must start design within 6 months of sign of the new high rate treatment facility to treat CSO-			
Dugway Regulators and Relief Sewers	2nd Quarter 2018	\$3.5			
#6 as identified in Appendix 1 of the Consent Decr to the 5-year, 6-hour storm within the Dugway Into	ee. When complete, the project will provide CSO contro	lation sewer pipe ranging from 12-inch to 30-inch with			
London Road Relief Sewer	2nd Quarter 2018	\$38.4			
	provide surcharge relief for sewers tributary to the Ivar rs on Roseland Drive and Green Road. The project will	nhoe-Holmes Branch Interceptor along Holmes Avenue also control combined sewer overflows to Green Creek			

and Nine Mile Creek. The project includes relief systems ranging from 18 to 84 inches in diameter with a total length of approximately 15,500 feet.

Contacts for additional information about CIP projects

NAME	TITLE	EMAIL
Douglas A. Gabriel	Deputy Director of Engineering and Construction	GabrielD@neorsd.org
Robert Pintabona	Plants Design Program Manager	PintabonaR@neorsd.org
Doug Lopata	CSO/Collection System/Stormwater Design Program Manager	LopataD@neorsd.org
Rick Vincent	CSO Design Manager	VincentF@neorsd.org







Watershed
Programs
(Stormwater)



Operations



Materials & Services

RANGE OF OPPORTUNITIES FOR DOING BUSINESS WITH THE DISTRICT

Stormwater Program Summary: 2017-2021 Projects

\$ 36.3 million *- anticipated stormwater project awards during this 5-year period.

Projects and contract award program areas:

- Cuyahoga North
- Cuyahoga South
- Chagrin River
- Rocky River
- Lake Erie District
- Districtwide Activities

Examples of Stormwater Construction Services

Surveying/bathymetry Material hauling/trucking

Fencing Concrete work (pipe extensions, etc.)

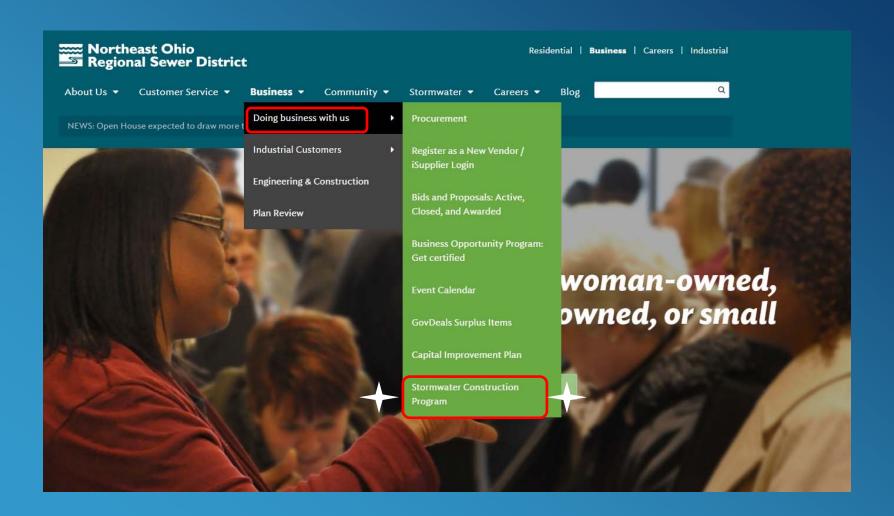
Asphalt pavement Traffic control

Tree clearing and grubbing Riprap supply

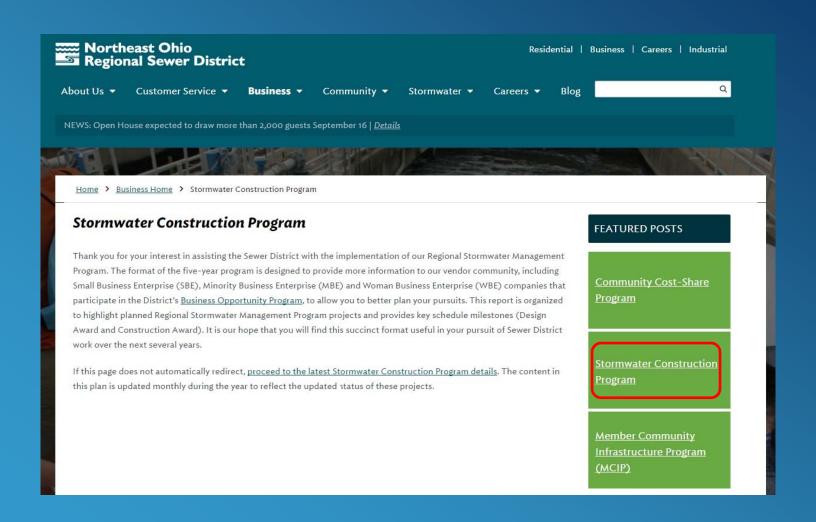
Photo/video inspection Landscaping (bioengineering

materials, trees, shrubs, seed, etc.)

neorsd.org



Stormwater Construction Program



2017-2021 Stormwater Program Summary

Northeast Ohio Regional Sewer District

Show Project Summaries

2017 - 2021 Stormwater Program Summary As of Jul 31, 2017

Project Name and Location	RFP(1)	Design(2)	Award of Construction	Construction Est.(\$M)
Stormwater				
Cuyahoga North				
Colombo Park Stream Restoration- BC00299	N/A	N/A	21-Dec-17	\$1.2
Big Creek Stabilization BC00032	N/A	N/A	2nd Quarter 2018	\$4.5
Hemlock Creek Bank Stabilization HC00038 & BD00042	N/A	N/A	4th Quarter 2018	\$1.2
Mill Creek Bank Stabilization MC00125	N/A	N/A	4th Quarter 2018	\$0.4
Ridge Road (Stickney Creek) Bank Stabilization and Utility Repair ST00209	20-Jul-17 A	05-Oct-17	N/A	\$1.0
Spring Creek Culvert Rehabilitation	N/A	N/A	1st Quarter 2018	\$0.7
Big Creek Stabilization BC00004 and BC 00010	N/A	N/A	1st Quarter 2020	\$2.0
Bank Erosion Upstream of the Lancaster Bridge WC00067-68	05-Oct-17	1st Quarter 2018	1st Quarter 2020	\$0.4
West Creek Bank Stabilization WC00046-WC00066	02-Nov-17	1st Quarter 2018	1st Quarter 2020	\$5.1
West Creek Trash Rack Repair and Replacement WC00049	19-Oct-17	1st Quarter 2018	N/A	\$0.4
Mill Creek Erosion Control MC 00057 & MC00135	N/A	N/A	4th Quarter 2020	\$0.7
Big Creek - West Branch Bank Stabilization BC00351, WB00072 & WB00104	N/A	N/A	1st Quarter 2021	\$0.4
Hawthorn Creek DS Renaissance Pkwy HA00295	N/A	N/A	2nd Quarter 2020	\$0.1
Erosion and Bank Failure WB00108	N/A	N/A	4th Quarter 2019	
Floodplain Restoration/Bank Stabilization in Highland Hills Park MC00133	4th Quarter 2019	1st Quarter 2020	N/A	\$0.3
Chagrin River				
Chagrin River/LET SWMP Study	3rd Quarter 2018	4th Quarter 2018	N/A	N/A
Cuyahoga South				
Brecksville Condominium Stabilization CC00032	N/A	N/A	3rd Quarter 2019	\$1.5
Chippewa Creek Bank Stabilization CC00030	N/A	N/A	3rd Quarter 2019	\$1.5
Chippewa Creek Bank Stabilization CC00084, CC00082	2nd Quarter 2019	3rd Quarter 2019	4th Quarter 2020	\$0.8
Chippewa Creek Bank Erosion CC00122	4th Quarter 2018	1st Quarter 2019	N/A	\$0.6
Chippewa Creek Erosion CC00223	1st Quarter 2019	2nd Quarter 2019	N/A	\$0.5
Culvert Repair CC00157	4th Quarter 2018	1st Quarter 2019	N/A	\$0.1
Cuyahoga Erosion DC Fitzwater Rd CY00179A	N/A	N/A	1st Quarter 2021	\$0.6
Districtwide				
Stormwater General Engineering Services 2 (SWGES2)	06-Jul-17 A	21-Sep-17	N/A	N/A
Stormwater Conservation Planning and Property Acquisition Services	07-Sep-17	24-Nov-17	N/A	N/A
Stormwater Testing and Construction Inspection Services (SW TCIS)	06-Apr-17 A	17-Aug-17 A	N/A	\$1.5
Lake Erie Direct				
Shaker Lakes Dam Rehabilitations DB00056 & DB00101	N/A	04-Feb-16 A	1st Quarter 2018	\$3.6
Doan Brook Stream and Bank Stabilization DB00029	N/A	N/A	2nd Quarter 2018	\$2.4
Euclid Creek Flood Control Shoaling Removal	N/A			
Nine Mile Headwall Replacement	2nd Quarter 2019	3rd Quarter 2019		
Lakeview Dam Regulatory Compliance	N/A	N/A	3rd Quarter 2020	\$0.3
Euclid Creek Streambank Stabilization EE00350	3rd Quarter 2019	4th Quarter 2019	N/A	\$0.1

Upcoming Stormwater Projects

Project	Award of Construction	Construction Estimate (\$M)				
Colombo Park Stream Restoration	21-Dec-17	\$1.2				
The project site is along both the left and right banks, approximately 300 ft in length. The project includes stabilization of the stream banks.						
Spring Creek Culvert Rehabilitation	1st Quarter 2018	\$0.7				
Rehab approximately 490 feet of a culverted stream along Spring Creek from west of Bradley Road to the Cuyahoga River in the City of Cleveland. Project is located in an industrial area and requires cooperation with affected property owners that includes the City of Cleveland at CSX Railway. The project was initiated because of a collapsed section of the culvert.						
Doan Brook Stream and Bank Stabilization	2nd Quarter 2018	\$2.4				
The project will stabilize and rehabilitate approximately 1,000-feet of stream channel and convert available contiguous land into hydraulically connected and functioning floodplains. The proposed improvements will avert significant streambank erosion within the project area as well a provide stormwater quality improvements for a portion of the Doan Brook watershed. When completed, the project will provide streambank stabilization, protection of utilities and infrastructure, flooding relief, improved stream flow, enhanced streamside riparian areas, aesthetic improvements and improved public access to this section of Doan Brook.						
Big Creek Stabilization	2nd Quarter 2018	\$4.5				
The project will provide streambank stabilization along E infrastructure.	Big Creek and protection of roadways, parking lot, railro	ad, drop structure and other				

Contacts for additional information about Stormwater projects

NAME	TITLE	EMAIL
Frank P. Greenland	Director of Watershed Programs	GreenlandF@neorsd.org
David Ritter	Manager Of Watershed Technical Support	RitterD@neorsd.org
Janet Popielski	Stormwater Design & Construction Program Manager	PopielskiJ@neorsd.org



Engineering &
Construction (CIP)



Watershed
Programs
(Stormwater)



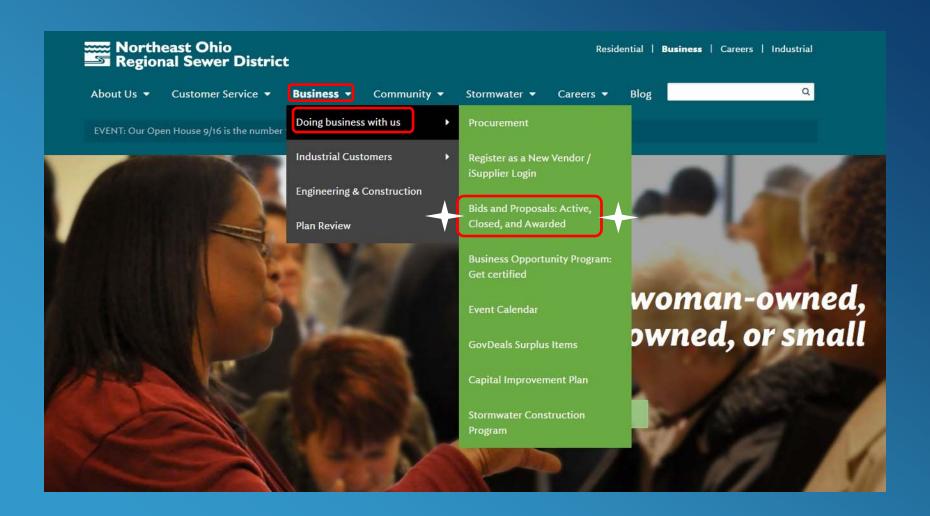
Operations



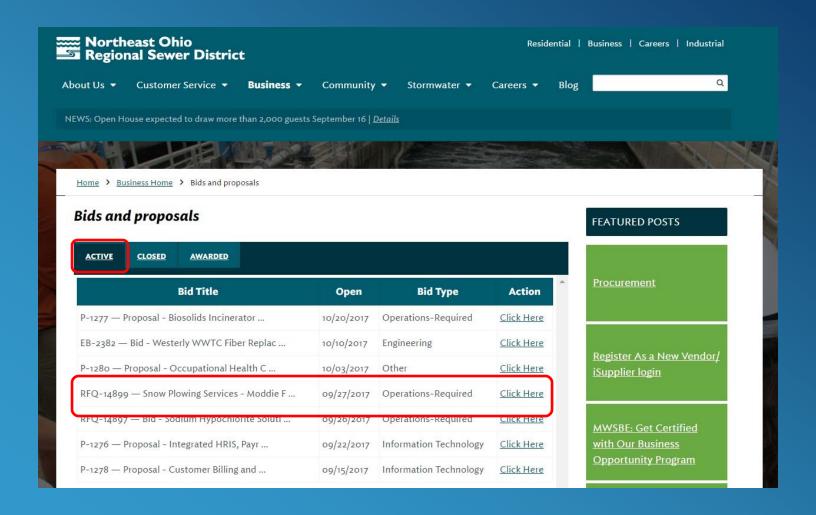
Materials & Services

RANGE OF OPPORTUNITIES FOR DOING BUSINESS WITH THE DISTRICT

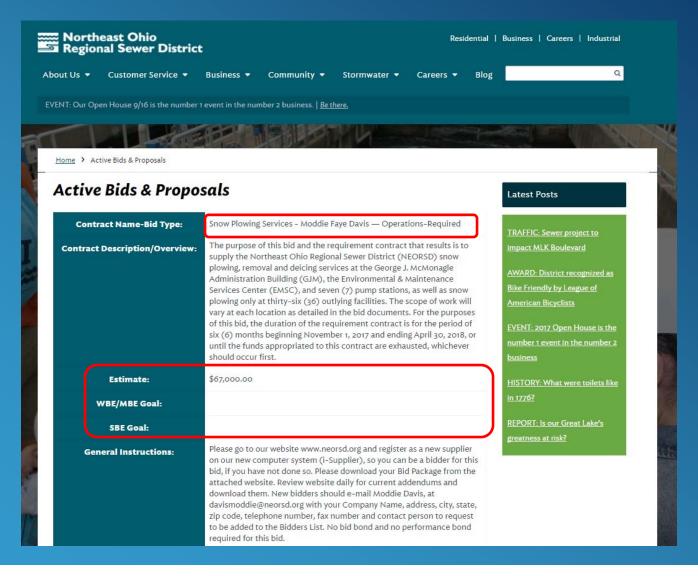
neorsd.org



Active Bids and Proposals



Operations Bid



Upcoming Operations Contracts

Contract	Contract Period	Bids/Quotes	Estimated Expenditures	
Snow Plowing Services	November 1 thru April 30	August or September annually	\$67,000.00 in total. Each contract will be smaller.	
Provide snow plowing and deicing services for GJM, EMSC, Pump Stations and all of the District's Outlying Facilities. Vendors must provide the services any time there is 2" inches of accumulation before 6 or 7 am. Sites are grouped into geographic areas. Vendors can bid one or multiple groups. Normally multiple contracts are awarded. Vendors must visit the sites before they can submit a bid. For 2017-2018 season, contract will advertise on Sept 12 and 19. Bids due on Sept 27.				
Grounds Maintenance Services	April 1 thru March 31	January annually	\$185,000.00 in total. Each contract will be smaller.	
Provide grass cutting, weed and debris maintenance, watering, and landscaping services for GJM, EMSC, Southerly, Westerly, Outlying facilities and any property acquisitions that need maintained. Vendors must provide their own equipment, tools and safety gear to provide services and must provide staff certified to apply commercial herbicides. Sites are grouped into geographic areas. Vendors can bid one or multiple groups. Normally multiple contracts are awarded. Vendors must visit sites before they can submit a bid.				
Rubbish Removal	September 1 thru August 31	July or August annually	\$40,000.00 in total. Normally one contract awarded.	
Provide regular pick up of trash and recycling containers at all five main District facilities. Services for pump stations provided on as a needed basis. Vendors must provide their own containers at each site.				
Preventative Maintenance for Material Handling Equipment	Had been a 1-year contract. Moving to a 2-year contract.	June or July 2018	\$70,000.00 in total for two years.	
Provide regular scheduled preventative maintenance and as needed repairs to various scissor lifts and forklifts at District facilities. Work must meet OSHA standards and any other regulatory requirements including obtaining needed permits. Bio-based materials to be used in providing services. Inspection reports must be provided.				

Contact for additional information about Operations contracts

NAME	TITLE	EMAIL
Delilah Capeles	Operations & Maintenance Procurement Administrator	CapelesD@neorsd.org







Watershed
Programs
(Stormwater)



Operations



Materials & Services

RANGE OF OPPORTUNITIES FOR DOING BUSINESS WITH THE DISTRICT

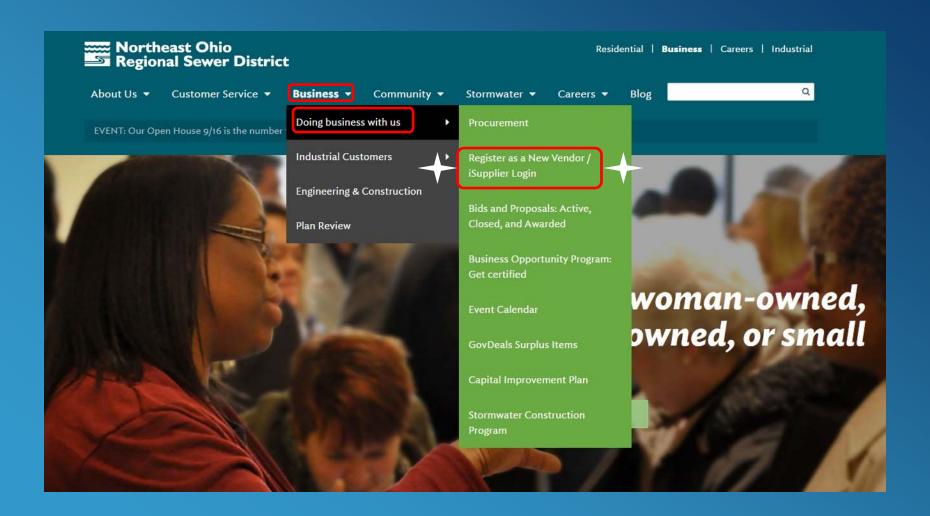
Materials and Services

Purchasing Department

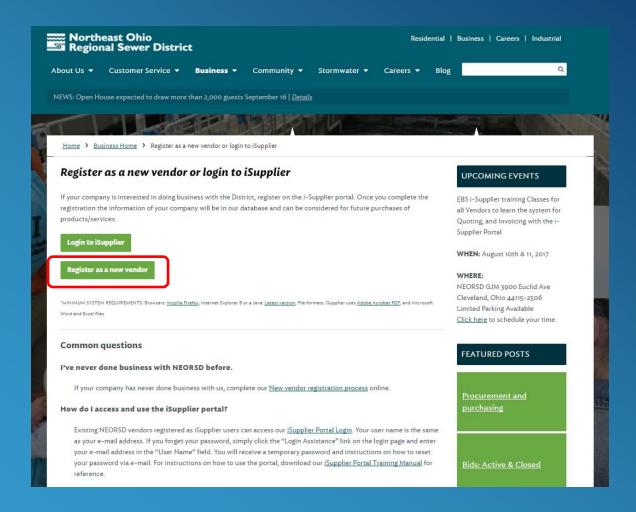
< \$50,000 = requisition to vendors for quotes

> \$50,000 = Board authorization, advertised for bids

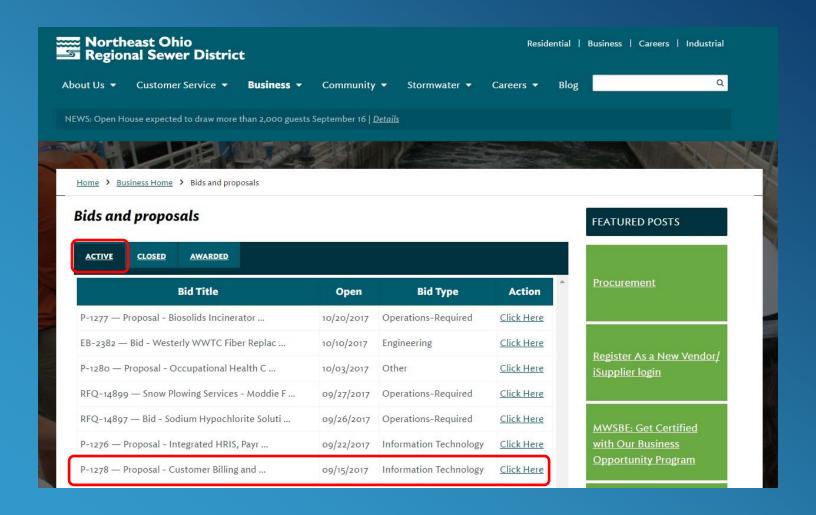
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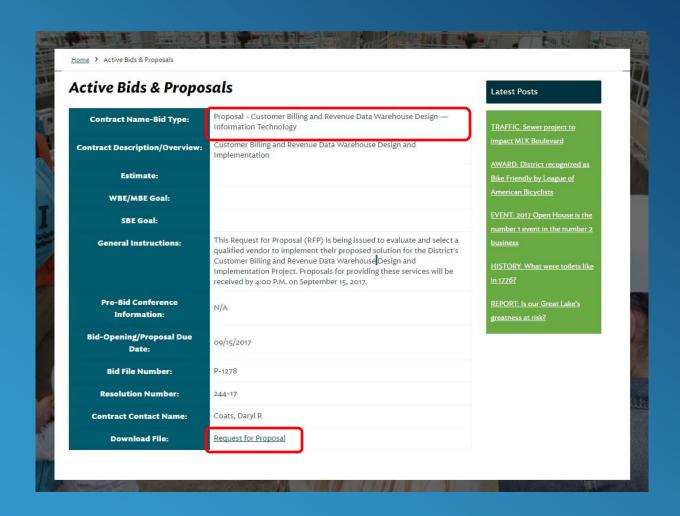
Register as a new vendor



Active Bids and Proposals



Services Proposal



A Opportunity PROGRAM

Opening doors to minority-owned, woman-owned, and small business enterprises in Northeast Ohio







Business Opportunity Program

Certification Clinic



- ✓ What is the Business Opportunity Program (BOP)
- ✓ The purpose of certification
- ✓ The criteria for applying to the BOP
- ✓ The required documentation for the BOP
- ✓ Question and Answers





Minority-Owned Enterprise (MBE)

Women-Owned Enterprise (WBE)

Small Business Enterprise (SBE)



Why is SBE/WBE/MBE Certification necessary?



- > Certification is voluntary.
- Certification verifies ownership and business control.



Certification provides access to private procurement and networking events and second-tier business opportunities.





Certification Requirements

To be certified the Sewer District requires the business to:

- Have a physical business address
- Operate in: Ashtabula, Carroll, Cuyahoga, Geauga, Lake, Lorain, Mahoning, Medina, Portage, Stark, Summit, or Trumbull







NAICS Size Standards

Industry	District Size Standard
Accounting and Payroll	\$4,250,000
Architecture and Engineering Services	\$33,500,000
Construction	\$33,500,000
Consulting	\$14,000,000
Goods	\$3,500,000
Special Trades	\$14,000,000
Trucking	\$25,500,000
Waste Management	\$6,250,000
Remediation Services	\$7,000,000



Are you certified with any of the following agencies?

- City of Cleveland
- Cuyahoga County
- Ohio Minority Supplier Development Council (formerly NOMSDC)
- State of Ohio MBE/EDGE Program(s)
- > Unified Certification Program
- Woman Business Enterprise National Council
- > US SBA 8 (a) Program



Document Checklist

ALL FIRMS MUST PROVIDE THE FOLLOWING ITEMS:

- ✓ Proof of MAJORITY OWNER or principal.
- ✓ Relevant licenses, registrations, or permits.
- ✓ Equipment list.
- ✓ Copy of business insurance certificate(s).
- ✓ Three copies of current contracts or invoices.
- ✓ Certificate of Good Standing from the Secretary of State.





Community Benefits to Certification

- By establishing a certification program the Sewer District will make more investments in the regional economy.
- ➤ We will work with local companies, increasing business opportunities and prospects to qualified M/W/SBEs in our service area.







Office of Contract Compliance

Tiffany Jordan

Contract Compliance Manager Jordant@neorsd.org

Diana Jones

Certification Officer

Jonesd@neorsd.org

Tracy Miller

Contract Project Coordinator

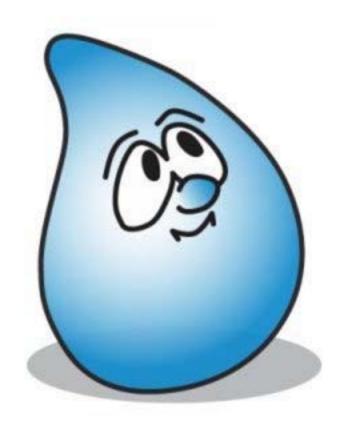
Millertracy@neorsd.org

Galen Adams

Prevailing Wage Officer

Adamsg@neorsd.org







↑ Opportunity
PROGRAM