



2017 Appropriation Request - \$348,037,200

Cash Flow \$250 million annually

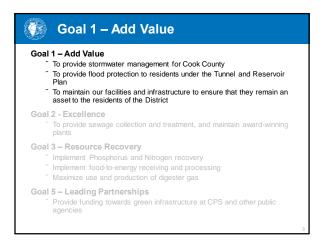
Number of Jobs ~2,500 annually

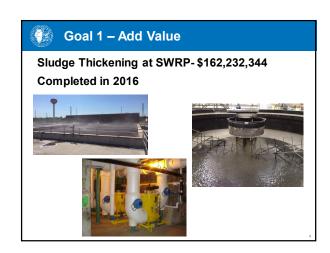
#### **Project: Vetting Criteria**

- " Mission Critical
- " Preservation of Infrastructure
- " Commitment to Community

#### Strategic Business Plan

- Goal 1 . Add Value
- " Goal 2 . Excellence
- " Goal 3 . Resource Recovery
- " Goal 5 . Leading Partnerships











## Goal 1 - Add Value

McCook Reservoir Expanded Stage 2 Slope Stabilization and Retaining Walls \$11,200,000

Estimated Award - Summer 2017





## Goal 1 – Add Value

Calumet Intercepting Sewer 19F Rehabilitation, CSA

\$13,015,368

**Substantial Completion Spring 2018** 







## Goal 1 - Add Value

Calumet TARP Screens at CWRP \$12,754,000 Substantial Completion Winter 2019





## Goal 1 - Add Value

Pump Station Improvements at CWRP \$35,067,000 Substantial Completion Spring 2018









# Goal 1 - Add Value

Salt Creek Intercepting Sewer 2 Rehabilitation, SSA \$43,878,100

**Substantial Completion Fall 2018** 





#### Goal 1 - Add Value

A/B and C/D Service Tunnel & Connecting Tunnel Rehabilitation - Phase II, SWRP \$20,519,000

**Substantial Completion Spring 2019** 

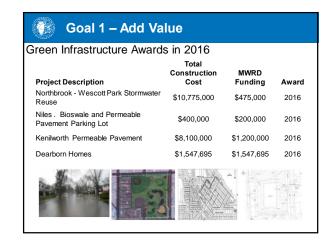




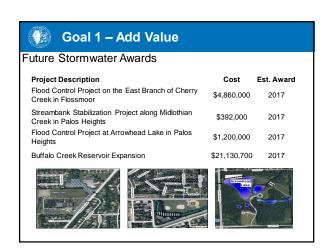


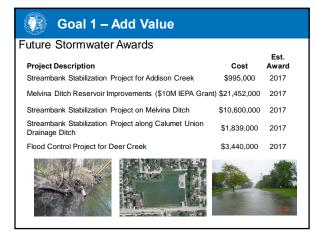










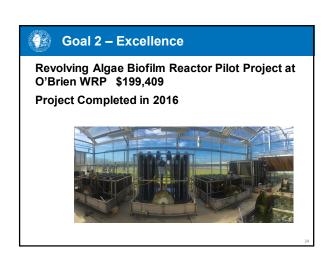




Goal	1 – Add Va	alue				
Flood Prone Property Acquisitions						
Municipality	# of Structures to be Removed	Total Cost	MWRD's Contribution ( (%)	Completion Date		
Des Plaines (1)	13	\$3,999,810	23.75%	2017		
Riverside Lawn	39	\$12,000,000	66.67%	2017		
Flossmoor	2	\$688,538	81.88%	2017		
Northlake	7	\$1,184,018	89.50%	2018		
Wheeling Twp.	6	\$1,415,906	83.46%	2018		
Stone Park	35	\$2,700,000	81.23%	2019		
Franklin Park	32	\$5,200,000	73.14%	2019		
Des Plaines (2)	29	\$15,730,281	23.75%	2019		

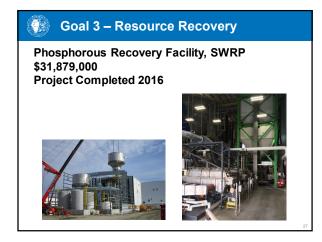




















#### Goal 3 - Resource Recovery

Organic Waste Receiving Facility, CWRP \$7,400,000 Estimated Award - Spring 2017





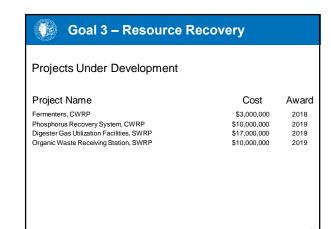


#### Goal 3 - Resource Recovery

Fischer Farms Horticultural Center, HPWRP \$3,500,000

Estimated Award - Summer 2017







## **Goal 5 – Leading Partnerships**

- To provide stormwater management for Cook County
- To provide flood protection to residents under the Tunnel and Reservoir Plan
- To maintain our facilities and infrastructure to ensure that they remain an asset to the residents of the District

#### Goal 2 - Excellence

To provide sewage collection and treatment, and maintain award-winning

# Goal 3 - Resource Recovery

- Implement Phosphorus and Nitrogen recovery
- Maximize use and production of digester gas

#### Goal 5 - Leading Partnerships

Provide funding towards green infrastructure at CPS and other public





Goal 5 – Leadin	g Partner	ships				
Stormwater Phase II Shovel-Ready Projects						
Project Description	Total Construction Cost	MWRD Funding	Award			
Berkeley 1 . McDermott Dr. and Morris Ave. Storm Sewers	\$5,096,000	\$2,696,000	2016			
Glencoe 4 & 6 . Skokie Ridge and Terrace Court Storm Sewers	\$3,290,000	\$190,000	2016			
Riverside 1 . Railroad Watershed Outlet	\$64,000	\$64,000	2016			
			1 -94			

Goal 5 – Leading	Partnerships
Stormwater Phase II Prelimi	nary Engineering
Project Title	Project Description
Flood Control Project on Midlothian Creek in Robbins, IL	Reduce impact of overbank flooding in the vicinity of 138th and Kedzie
Flood Control Project on Willow Road at McDonald Creek Tributary A in Prospect Heights, IL	Address flooding across Willow Road and adjacent roadways at McDonald Creek Tributary A
Flood Control Project Central Road, from the Des Plaines River to Greenwood Road	Provide improved conveyance for SW along Central Road to Des Plaines River and possible storage
Flood Control Project on 1st Avenue from Roosevelt Road to Cermak Road	Improve drainage along 1st Avenue and provide new outlet to Des Plaines River
Flood Control Project in the Washington St. Area of Blue Island, IL	Address overland flooding and basement backups in depressional area

Goal 5 – Leading	Partnerships
Stormwater Phase II Prelimi	nary Engineering
Project Title	Project Description
Flood Control Project in the Worth Woods Subdivision in Worth, IL	Improve drainage outlet to Cal-Sag Channel via Lucas Berg Pit
Flood Control Project on Calumet-Sag Tributary C in Bremen Township and Midlothian, IL	Address roadway and residential flooding Cal-Sag Trib C
Flood Control Project in the vicinity of 135th St & Central Ave. in Crestwood, IL	Improve drainage by modifying existing berm and installing new outlet
Flood Control Project along Plainfield Road from Willow Springs Road to East Avenue	Address local SW flooding in areas tributary to Plainfield Road through improved conveyance and storage
Flood Control Project at 61st Ave and 36th St in Cicero, IL	New storm sewers and underground detention in Kolar Park

<b>Goal 5</b> –	- Leadin	g Partne	erships			
Stormwater Program Summary						
Program Component	Current Number of Projects	Structures Protected / Removed	Construction / Acquisition Cost (\$Million)	MWRD Cost (\$Million)		
Phase I	27	4,423	\$369	\$315		
Phase II Shovel Ready	21	3,146	\$81	\$41		
Phase II Preliminary Engineering	13	TBD	TBD	TBD		
Green Infrastructure	25	717	\$48	\$13		
Flood Prone Property Acquisition	9	201	\$61	\$34		
Totals	85	8,487	\$559	\$403		

Contract Vo	ulues to Date						
	usest Data for Active Projects as of 10-14-16  Project Name	Latest Contractor Pay App Approved Date	Original Contract Sum	Contract Sum to Date	Total Completed & Stored to Date	% Complete	% of Original Bid
14-254-2FR	Situe Island Green Infrastructure (Retainage to be released)	11/9/2015	\$ 663,630,00	\$ 663,635,00	\$663,638,00	100.0%	100%
13:409-3P	Nitrogen Removal in Centrate Egan Water Reclamation Plant	9/9/2016	\$2,675,000.00	\$2,758,509,20	\$2,738,661,70	99.3%	103%
99-467-20	Electrical Upgrade: Pumps, Hotors & Crives Replacements, and Elevator Upgrades, EWRP	9/12/2014	\$9,057,000.00	19,456,114.02	19,360,516.82	99.0%	104%
	Heritage Park Flood Control Facility	5/24/2016	\$29,475,000.00	\$29,305,851.43	\$28,881,537.91	98.6%	90%
49.476.30	Chinay Glidge Thinkening Singert (Deat)	6/15/3316	\$162,222,244.00	6166,660,685.33	9164,105,627.15	99.4%	103%
	Centrifuge Building and Studge Loading System Upgrades, EIIRP and HPWRP Electrical Equipment Replacement	9/9/2016	\$ 9,044,000.00	\$ 9,192,439.50	\$ 9,043,071.59 \$1,947,892.41	98,4%	102%
04-707-0F	Exconcer Equipment Haplacement Connecting Tunnels and Gates Thornton Composite Reservoir	9/13/2016	\$1,949,646.00 \$135,475,200.00	\$1,990,233.50 \$137.067.451.17	\$1,947,592.41 \$133,553,194.59	98.1%	102%
	Coarse Screens and RSP Slide Gates Replacements	9/9/2016	12.714.000.00	12,935,172,31	12.755.991.94	97.2%	104%
	Rehabilitation of the A/R and C/D Service Tunnels	1/11/2016	5 13 615 000 00	5. 16.047.024.65	\$13,641,852,23	97.1%	103%
04-201-46	Tollyay Dam, Grout Curtain and Quarry Plugs	7/15/2016	667 275 612 14	167,000,000,00	164,990,627,36	97.0%	103%
11-559-55	Streambank Stabilization Projects for Higgins Creek and McDonald Creek	11/10/2015	57.64% 78T.60	\$2,465,765,41	52.387.575.23	96.7%	101%
10-554-65	Flood Control Project at Upper Selt Creek, Palatine IL.	9/5/2016	\$1,349,940,01	\$1,356,757.01	\$1,293,653,15	95.2%	101%
11-054-39	Disinfection Facilities, Terrence 1, O'Rosen Water Reclamation Plant	9/9/2016	\$59,899,650,00	562.383.377.56	159.232.280.71	94.9%	104%
	Battery C Airlift 5. Air Main Rehabilitation and Aeration Tanks No. 6, 7, and 8 Diffuser Plate Reclacement	9/12/2016	\$4,001,000.00	\$4,978,325.33	\$4,641,942.44	93.2%	102%
04-203-4F	Final Reservoir Preparation Thornton Composite Reservoir, CSA	9/12/2016	\$50,763,937.00	\$\$1,592,012.17	\$47,628,745.24	92.3%	102%
	ties Marries Interventing Newer Rehabilitation NSS	9/12/2016	\$11,240,472.00	\$11,754,764.17	\$12,419,729.57	91.9%	104%
10-992-3H	TARP Control Structure Rehabilitation, NSA, SSA, and CSA	9/8/2016	\$14,410,000.00	\$14,902,891.56	\$13,417,095.56	90.6%	103%
	Phosphorous Recovery Facility, SWRP	6/10/2016	\$31,679,000.00	\$22,058,037.46	\$29,027,765.05	90.5%	101%
09-170-30	Office, Shop, & Storage Facility Service Tunnel Rehabilitation (RE-83D)	1/12/2016	\$ 747,990.00	\$ 706,333.46	\$ 756,133.46	89.8%	105%
14-061-35	Glenbrook Sanitary Sever Rehabilitation, NSA Flood Control Streambank Stabilization on Tinley Creek	9/9/2016	\$1,231,707.00	\$1,242,042.00	\$1,070,055.45 \$ 5,897,084.76	86.8%	101%
11-403-2P	Flood CostNot Streambarn, Stabilization on Timey Creek Membrane Gas Holder Replacement and Digester Cleaning at Egan Illater Reclamation	9/8/2016 9/12/2016	\$ 7,222,229,00	\$ 7,260,899.96 \$5,126,546.49	\$3,094,960.36	78.0%	101%
06-212-3M	Calumet YARP Rumo Station Improvements	9/12/2016	\$35,067,000,00	\$35,545,044.00	\$26,349,215,00	74 1%	101%
02-111-3M	TARP Pump #6 Rehabilitation Hainstream Pumping Station	9/11/2016	14,522,000,00	14.522.000.00	12.710.221.06	60.0%	100%
13-249-3M	Calumet TARP Screens, Calumet Water Reclamation Plant	9/12/2016	\$12,754,000.00	\$12,754,000.00	\$7,470,804,00	58.6%	100%
14-714-21	Parking Lot Replacement at Egan Water Reclamation Plant	9/12/2016	\$1,461,900.00	\$1,461,900.00	8725,578.90	49.6%	100%
04-125-3P	Westside Primary Settling Tanks & Aerated Grit Tanks	9/9/2016	\$224,760,000.00	\$229,127,272.55	\$112,850,895.01	49.3%	102%
10-882-07	Streambank Stabilization Food Control Project for Tinley Creek in Orland Hills. Illinois	4/4/2016	t 664,000.00	8 664,000.00	8 201.282.00	30.3%	100%
	Salt Creek Intercepting Sewer 2 Rehabilitation, 55A	9/12/2016	\$43,878,100,00	\$43,878,100.00	\$5,708,194,17	13,0%	100%
04-132-3D 09-182-3E	A/S and C/D Service Tunnel Rehabilitation - Phase Two D799 Suitchoear Replacement Stockney Water Reclamation Rant	9/9/2016	\$ 20,519,000.00	\$ 20,519,000.00 \$12,647,511.00	\$1,948,053.75 \$822,199.58	9.5%	100%
	Streambank Stabilization Protect for the West Fork of the North Branch of the Chicago	9/9/2016	\$ 413,000.00	\$ 413,000.00	\$822,199.98	0.0%	100%
11-239-35	Eiver Celumet Intercepting Sever 19F Rehabilitation, CSA		\$13.015.365.13	\$13,015,360,13		0.0%	100%
	Des Plaines Inflow Tunnel		\$107,770,362.00	\$107,770,362,00		0.0%	100%
13-106-0F							

