

Exhibit A (211336 and 211337)  
Authorized and Unissued Notes and Bonds

<u>Purpose</u>	<u>Resolution File No.</u>	<u>Adoption Date or Budget Year</u>	<u>Notes</u>	<u>Bonds</u>
<b>Renewal &amp; Development Projects</b>				
In Rem Property Program	201019	1/19/2021	\$ 175,000.00	\$ 175,000.00
Commercial Investment Program (Facade)	191393	1/21/2020	910,000.00	910,000.00
Commercial Investment Program (Facade)	201019	1/19/2021	1,000,000.00	1,000,000.00
Commercial Investment Program (Facade)	211327	1/18/2022	500,000.00	500,000.00
Brownfield Program	201019	1/19/2021	196,000.00	196,000.00
Brownfield Program	211327	1/18/2022	750,000.00	750,000.00
Concentrated Blight Elimination	201019	1/19/2021	2,200,000.00	2,200,000.00
Code Compliance Program	201019	1/19/2021	431,000.00	431,000.00
<b>Library Improvements</b>				
2020 Central Library Imp. Fund	191391	1/21/2020	380,000.00	380,000.00
2021 Central Library Imp. Fund	201017	1/19/2021	1,250,000.00	1,250,000.00
2022 Central Library Imp. Fund	211325	1/18/2022	413,000.00	413,000.00
2020 Neighborhood Library Imp Fund	191391	1/21/2020	132,000.00	132,000.00
2021 Neighborhood Library Imp Fund	201017	1/19/2021	205,000.00	205,000.00
2022 Neighborhood Library Imp Fund	211325	1/18/2022	251,000.00	251,000.00
2019 Branch Library New Construction	181351	1/15/2019	1,400,000.00	1,400,000.00
IT Security	201017	1/19/2021	174,000.00	174,000.00
<b>Public Buildings</b>				
Facility Systems Program	201018	1/19/2021	900,000.00	
Facility Systems Program	211326	1/18/2022	1,250,000.00	
Facilities Exterior Upgrade Program	201018	1/19/2021	1,100,000.00	
Facilities Exterior Upgrade Program	211326	1/18/2022	1,250,000.00	
Environmental Remediation Program	201018	1/19/2021	62,000.00	
Environmental Remediation Program	211326	1/18/2022	125,000.00	
ADA Compliance Program	191392	1/21/2020	285,000.00	
ADA Compliance Program	201018	1/19/2021	700,000.00	
ADA Compliance Program	211326	1/18/2022	800,000.00	
Space Planning - Facilities	201018	1/19/2021	99,000.00	
Space Planning - Facilities	211326	1/18/2022	300,000.00	
City Hall Foundation & Hollow Walk	201018	1/19/2021	7,883,000.00	
City Hall Foundation & Hollow Walk	211326	1/18/2022	10,000,000.00	
DOA: IT Upgrades	171354	1/17/2018	161,540.00	
DOA: IT Upgrades	181352	1/15/2019	300,000.00	
DOA: IT Upgrades	191392	1/21/2020	125,000.00	
DOA: IT Upgrades	211326	1/18/2022	300,000.00	
Health: Facilities Capital Projects	201018	1/19/2021	77,000.00	
Health: Facilities Capital Projects	211326	1/18/2022	160,000.00	
North Point Lake Tower Restoration	171354	1/17/2018	49,991.00	
Brine Makers	201018	1/19/2021	199,200.00	
Brine Makers	211326	1/18/2022	700,000.00	
DOA: Better Building Challenge	181352	1/15/2019	88,047.00	
DOA: Better Building Challenge	201018	1/19/2021	100,000.00	
DOA: Better Building Challenge	211326	1/18/2022	100,000.00	
Health: Lead Paint Prevention	191392	1/21/2020	248,000.00	
Assessor: Modernization	171354	1/17/2018	170,000.00	
Health: Lab Equipment	181352	1/15/2019	195,000.00	
Health: Lab Equipment	191392	1/21/2020	100,000.00	
Health: Lab Equipment	201018	1/19/2021	800,000.00	
DOA: Peoplesoft PUM Upgrade	191392	1/21/2020	150,000.00	
DOA: Peoplesoft PUM Upgrade	201018	1/19/2021	150,000.00	
Health: Electronic Health Records and Billing	201018	1/19/2021	119,000.00	
DOA: GIS Street Data Modernization	181352	1/15/2019	125,000.00	
DOA: CityWatch Replacement	181352	1/15/2019		
BMD-9 to Office of African AM Affairs	181352		76,000.00	
DOA: Phone Voice Recording Replacement	181352	1/15/2019	67,000.00	

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FPC: Unified CAD Study	191392	1/21/2020	1,944,000.00	
FPC: Unified CAD Study	211326	1/18/2022	685,000.00	
DOA: Fleet Scheduler	191392	1/21/2020	400,000.00	
DOA: ERP System Replacement	191392	1/21/2020	100,000.00	
DOA: Cyber Security	201018	1/19/2021	182,800.00	
DOA: Cyber Security	211326	1/18/2022	200,000.00	
DOA: Facilities Communication Repair Vehicle	211326	1/18/2022	35,000.00	
DOA: Clerk Business License Conversion	211326	1/18/2022	500,000.00	
Muni Court: SQL Migration and Website Project	211326	1/18/2022	179,000.00	
Muni Court: IT Infrastructure and Courtroom Upgrades	211326	1/18/2022	80,000.00	
Materials Seawall Replacement	211326	1/18/2022	50,000.00	
<b>Rubbish</b>				
2019 Major Capital Equipment	181356	1/15/2019	148,000.00	148,000.00
2021 Major Capital Equipment	201022	1/19/2021	6,700,000.00	6,700,000.00
2022 Major Capital Equipment	211330	1/18/2022	6,700,000.00	6,700,000.00
Materials Recycling Facility	181356	1/15/2019	75,000.00	75,000.00
<b>Harbor</b>				
2019 Pier, Berth & Channel Improv.	181343	1/15/2019	200,000.00	200,000.00
2022 Pier, Berth & Channel Improv.	211317	1/18/2022	967,000.00	967,000.00
Dockwall Rehabilitation	171345	1/17/2018	143,345.00	143,345.00
Roadway Paving	201009	1/19/2021	200,000.00	200,000.00
Rail Track & Service Upgrades	201009	1/19/2021	272,000.00	272,000.00
Rail Track & Service Upgrades	211317	1/18/2022	1,441,000.00	1,441,000.00
Terminal & Facility Maintenance	201009	1/19/2021	200,000.00	200,000.00
Terminal & Facility Maintenance	211317	1/18/2022	404,000.00	404,000.00
<b>Parking Facility Improvements</b>				
2nd and Plankington	211323	1/18/2022	250,000.00	250,000.00
1000 N Water	211323	1/18/2022	75,000.00	75,000.00
Misc Struc/Mech/Elec Maint	211323	1/18/2022	100,000.00	100,000.00
Single Space Parking Meters	211323	1/18/2022	25,000.00	25,000.00
Green Lots	211323	1/18/2022	600,000.00	600,000.00
Milw. Michigan Parking Structure Repairs	211323	1/18/2022	250,000.00	250,000.00
<b>Fire Stations &amp; Improvements</b>				
2021 Major Capital Equipment	201014	1/19/2021	317,000.00	317,000.00
2022 Major Capital Equipment	211321	1/18/2022	1,380,000.00	1,380,000.00
Auxiliary Power Supply	181347	1/15/2019	38,000.00	38,000.00
Fire Facilities Maint Program	181348	1/15/2019	220,000.00	220,000.00
Fire Facilities Maint Program	201013	1/19/2021	342,000.00	342,000.00
Fire Facilities Maint Program	211322	1/18/2022	450,000.00	450,000.00
<b>Police Facilities</b>				
District Station Repairs	201012	1/19/2021	400,000.00	400,000.00
District Station Repairs	211320	1/18/2022	600,000.00	600,000.00
RMS System	171348	1/17/2018	322,900.00	322,900.00
Uninterruptable Power Supply	201012	1/19/2021	697,500.00	697,500.00
Upgrade CAD system	181346	1/15/2019	434,000.00	434,000.00
2021 Police Vehicles	201012	1/19/2021	2,241,000.00	2,241,000.00
2022 Police Vehicles	211320	1/18/2022	3,620,000.00	3,620,000.00
911 and Phone System Upgrade	171348	1/17/2018	6,500.00	6,500.00
Interview Room Camera	171348	1/17/2018	150,000.00	150,000.00
Telephone Switch Hardware Upgrade	181346	1/15/2019	178,200.00	178,200.00
CMS Upgrade	181346	1/15/2019	147,300.00	147,300.00
DataCom Center AHU	181346	1/15/2019	509,382.00	509,382.00
Automated Fingerprint ID System	201012	1/19/2021	1,700,000.00	1,700,000.00

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Remodel Admin Bldg Offices	211320	1/18/2022	500,000.00	500,000.00
SONET Ring Replacement	211320	1/18/2022	300,000.00	300,000.00
MPD Facility Security Camera Server Upgrade	211320	1/18/2022	200,000.00	200,000.00
Server Hardware/Software Refresh	211320	1/18/2022	2,000,000.00	2,000,000.00
<b>Bridges &amp; Viaducts</b>				
State & Federally Aided Bridges BR3	181340	1/15/2019	100,000.00	100,000.00
State & Federally Aided Bridges BR3	201006	1/19/2021	1,685,000.00	1,685,000.00
State & Federally Aided Bridges BR3	211314	1/18/2022	1,270,000.00	1,270,000.00
Bridge Reconstruction - Local BR1	191381	1/21/2020	3,568,000.00	3,568,000.00
Bridge Reconstruction - Local BR1	201006	1/19/2021	4,150,000.00	4,150,000.00
Bridge Reconstruction - Local BR1	211314	1/18/2022	2,160,000.00	2,160,000.00
<b>Street Improvements</b>				
Street Lighting	201007	1/19/2021	7,635,000.00	7,635,000.00
Street Lighting	211315	1/18/2022	10,500,000.00	10,500,000.00
State & Federally Aided Streets	201008	1/19/2021	6,093,000.00	6,093,000.00
State & Federally Aided Streets	211316	1/18/2022	11,429,000.00	11,429,000.00
Street Reconstruction, Regular Pgm	191383	1/21/2020	1,980,000.00	1,980,000.00
Street Reconstruction, Regular Pgm	201008	1/19/2021	6,000,000.00	6,000,000.00
Street Reconstruction, Regular Pgm	211316	1/18/2022	8,000,000.00	8,000,000.00
Alley Reconstruction Program	191383	1/21/2020	600,000.00	600,000.00
Alley Reconstruction Program	201008	1/19/2021	600,000.00	600,000.00
Alley Reconstruction Program	211316	1/18/2022	600,000.00	600,000.00
Street Improvements - Sidewalk	211316	1/18/2022	1,000,000.00	1,000,000.00
High Impact Program	201008	1/19/2021	7,430,000.00	7,430,000.00
High Impact Program	211316	1/18/2022	6,000,000.00	6,000,000.00
Traffic Control Facilities	201008	1/19/2021	2,146,000.00	2,146,000.00
Traffic Control Facilities	211316	1/18/2022	2,500,000.00	2,500,000.00
Public Facility Communications*	191383	1/21/2020	53,000.00	53,000.00
Public Facility Communications	201008	1/19/2021	457,000.00	457,000.00
Public Facility Communications	211316	1/18/2022	457,000.00	457,000.00
Conduit & Manholes (private related use)	181342	1/15/2019	1,800,000.00	1,800,000.00
Conduit & Manholes (private related use)	191383	1/21/2020	1,000,000.00	1,000,000.00
Conduit & Manholes (private related use)	201008	1/19/2021	800,000.00	800,000.00
Conduit & Manholes (private related use)	211316	1/18/2022	800,000.00	800,000.00
Underground Electrical Manholes (private related use)	211316	1/18/2022	900,000.00	900,000.00
Lead Service Line Replacement Program	181342	1/15/2019	3,100,000.00	3,100,000.00
Lead Service Line Replacement Program	191383	1/21/2020	1,800,000.00	1,800,000.00
Multimodal Transportation	201008	1/19/2021	532,000.00	532,000.00
Multimodal Transportation	211316	1/18/2022	1,300,000.00	1,300,000.00
<b>Parks &amp; Public Grounds</b>				
MKE Plays Initiative	211319	1/18/2022	850,000.00	850,000.00

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<b>School Purposes</b>				
2019 Authorization	181350	1/15/2019	2,000,000.00	2,000,000.00
2020 Authorization	191390	1/21/2020	2,000,000.00	2,000,000.00
2021 Authorization	201016	1/19/2021	2,000,000.00	2,000,000.00
2022 Authorization	211324	1/18/2022	2,000,000.00	2,000,000.00
<b>Sewer Maintenance Fund</b>				
2018 Relief & Relay	171346	1/17/2018	9,537,312.60	
2019 Relief & Relay	181344	1/15/2019	24,500,000.00	
2020 Relief & Relay	191385	1/21/2020	24,500,000.00	
2021 Relief & Relay	201010	1/19/2021	25,500,000.00	
2022 Relief & Relay	211318	1/18/2022	20,500,000.00	
I&I Reduction Projects	171346	1/17/2018	5,000,000.00	
I&I Reduction Projects	181344	1/15/2019	2,000,000.00	
I&I Reduction Projects	191385	1/21/2020	2,000,000.00	
I&I Reduction Projects	201010	1/19/2021	2,000,000.00	
I&I Reduction Projects	211318	1/18/2022	2,000,000.00	
2021 Flood Mitigation SM497	201010	1/19/2021	4,956,592.00	
2022 Flood Mitigation SM497	211318	1/18/2022	5,000,000.00	
2019 Downspout Disconnection	181344	1/15/2019	1,039,289.00	
2020 Downspout Disconnection	191385	1/21/2020	2,000,000.00	
2021 Downspout Disconnection	201010	1/19/2021	1,200,000.00	
2022 Downspout Disconnection	211318	1/18/2022	500,000.00	
Water Quality Initiatives	191385	1/21/2020	800,000.00	
Water Quality Initiatives	201010	1/19/2021	800,000.00	
Water Quality Initiatives	211318	1/18/2022	1,000,000.00	
<b>Water Works Borrowing</b>				
Replace Mains, Hydrants, & Valves 2019	181355	1/15/2019	10,681,886.17	
Replace Mains, Hydrants, & Valves 2020	191395	1/21/2020	32,750,000.00	
Replace Mains, Hydrants, & Valves 2021	201021	1/19/2021	35,850,000.00	
Replace Mains, Hydrants, & Valves 2022	211329	1/18/2022	32,570,000.00	
2019 Linwood Plant Building	181355	1/15/2019	788,464.00	
2021 Linwood Plant Building	201021	1/19/2021	200,000.00	
2022 Linwood Plant Building	211329	1/18/2022	2,890,000.00	
2018 Linwood Plant Treatment	171357	1/17/2018	1,550,000.00	
2019 Linwood Plant Treatment	181355	1/15/2019	1,328,323.00	
2022 Linwood Plant Treatment	211329	1/18/2022	795,000.00	
2019 Howard Plant Building	181355	1/15/2019	350,000.00	
2021 Howard Plant Building	201021	1/19/2021	50,000.00	
2022 Howard Plant Building	211329	1/18/2022	690,000.00	
2018 Howard Plant Treatment	171357	1/17/2018	800,000.00	
2019 Howard Plant Treatment	181355	1/15/2019	156,571.00	
2021 Howard Plant Treatment	201021	1/19/2021	2,826,050.00	
2022 Howard Plant Treatment	211329	1/18/2022	3,900,000.00	
2019 Pump Facilities Improvements	181355	1/15/2019	1,821,175.00	
2020 Pump Facilities Improvements	191395	1/21/2020	7,351,772.00	
2021 Pump Facilities Improvements	201021	1/19/2021	1,148,509.00	
2022 Pump Facilities Improvements	211329	1/18/2022	1,115,000.00	
Storage Facilities Improvements	201021	1/19/2021	50,000.00	
Storage Facilities Improvements	211329	1/18/2022	50,000.00	
Meter Shop Repair	201021	1/19/2021	10,000.00	
Meter Shop Repair	211329	1/18/2022	940,000.00	
Capital Project Contingencies	201021	1/19/2021	100,000.00	
Capital Project Contingencies	211329	1/18/2022	100,000.00	
2021 Lead Service Lines - Special Assessment	201021	1/19/2021	4,000,000.00	

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Tax Incremental Districts				
New TID's 2018	171356	1/17/2018	40,000,000.00	40,000,000.00
Capitalized Interest 2018	171356	1/17/2018	4,000,000.00	4,000,000.00
New TID's 2019	181354	1/15/2019	40,000,000.00	40,000,000.00
Capitalized Interest 2019	181354	1/15/2019	4,000,000.00	4,000,000.00
New TID's 2020	191394	1/21/2020	40,000,000.00	40,000,000.00
Capitalized Interest 2020	191394	1/21/2020	4,000,000.00	4,000,000.00
New TID's 2021	201020	1/19/2021	25,000,000.00	25,000,000.00
Capitalized Interest 2021	201020	1/19/2021		
New TID's 2022	211328	1/18/2022	25,000,000.00	25,000,000.00
Capitalized Interest 2022	211328	1/18/2022		
Delinquent Tax Financing - Notes	211331	1/18/2022	37,000,000.00	
Contingent Borrowing				
Water - LSL Principal Forgiveness	171927	5/8/2018	2,539,120.93	
Remission of Taxes	211148	11/23/2021	1,200,000.00	
Current year Unallocated		2022	175,000,000.00	175,000,000.00
CDBG	211333	1/18/2022	25,000,000.00	25,000,000.00
Refunding				
Refund Direct Loans	211336	11/18/2022	28,550,000.00	28,550,000.00
Refund 2012 B3, 2012 T5, 2013 B3	211332	1/18/2022	27,315,000.00	27,315,000.00
Total			\$ 945,136,769.70	\$ 591,031,127.00