

Exhibit A (221259 and 221260)
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>
Renewal & Development Projects				
In Rem Property Program	201019	1/19/2021	\$ 175,000.00	\$ 175,000.00
Commercial Investment Program (Facade)	191393	1/21/2020	791,815.00	791,815.00
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
Commercial Investment Program (Facade)	221250	1/17/2023	1,000,000.00	1,000,000.00
Brownfield Program	201019	1/19/2021	33,473.00	33,473.00
Brownfield Program	211327	1/18/2022	750,000.00	750,000.00
Brownfield Program	211327	1/17/2023	500,000.00	500,000.00
Concentrated Blight Elimination	201019	1/19/2021	2,200,000.00	2,200,000.00
Code Compliance Program	201019	1/19/2021	345,208.00	345,208.00
Library Improvements				
2020 Central Library Imp. Fund	191391	1/21/2020	18,628.00	18,628.00
2021 Central Library Imp. Fund	201017	1/19/2021	988,622.00	988,622.00
2022 Central Library Imp. Fund	211325	1/18/2022	413,000.00	413,000.00
2023 Central Library Imp. Fund	221248	1/17/2023	1,600,000.00	1,600,000.00
2020 Neighborhood Library Imp Fund	191391	1/21/2020	96,324.00	96,324.00
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	48,444.00	48,444.00
Public Buildings				
Space Planning - Facilities	221249	1/17/2023	400,000.00	
Facility Systems Program	211326	1/18/2022	29,436.00	
Facility Systems Program	221249	1/17/2023	1,500,000.00	
Facilities Exterior Upgrade Program	211326	1/18/2022	992,694.00	
Facilities Exterior Upgrade Program	221249	1/17/2023	1,500,000.00	
Environmental Remediation Program	211326	1/18/2022	62,914.00	
Environmental Remediation Program	221249	1/17/2023	130,000.00	
City Hall Foundation & Hollow Walk	211326	1/18/2022	8,965,670.00	
DOA: IT Upgrades	171354	1/17/2018	161,540.00	
DOA: IT Upgrades	181352	1/15/2019	90,905.00	
DOA: IT Upgrades	191392	1/21/2020	125,000.00	
DOA: IT Upgrades	211326	1/18/2022	300,000.00	
DOA: IT Upgrades	221249	1/17/2023	100,000.00	
North Point Lake Tower Restoration	171354	1/17/2018	49,991.00	
ADA Compliance Program	221249	1/17/2023	525,000.00	
City Attorney: IT Upgrades	221249	1/17/2023	750,000.00	
Brine Makers	211326	1/18/2022	650,477.00	
Brine Makers	221249	1/17/2023	100,000.00	
DOA: Better Building Challenge	181352	1/15/2019	65,642.00	
DOA: Better Building Challenge	201018	1/19/2021	100,000.00	
DOA: Better Building Challenge	211326	1/18/2022	100,000.00	
DOA: Better Building Challenge	221249	1/17/2023	45,000.00	
Health: Lead Paint Prevention	191392	1/21/2020	235,746.00	
Assessor: Modernization	171354	1/17/2018	30,205.00	
Health: Lab Equipment	181352	1/15/2019	169,472.00	
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	
DOA: GIS Street Data Modernization	181352	1/15/2019	125,000.00	
DOA: Phone Voice Recording Replacement	181352	1/15/2019	50,685.00	
FPC: Unified CAD Study	191392	1/21/2020	1,580,763.00	
FPC: Unified CAD Study	211326	1/18/2022	685,000.00	
DOA: Fleet Scheduler	191392	1/21/2020	235,788.00	
DOA: ERP System Replacement	191392	1/21/2020	100,000.00	
DOA: ERP System Replacement	221249	1/17/2023	1,000,000.00	

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DOA: Cyber Security	201018	1/19/2021	182,800.00	
DOA: Cyber Security	221249	1/17/2023	200,000.00	
DOA: Facilities Communication Repair Vehicle	211326	1/18/2022	35,000.00	
DOA: Clerk Business License Conversion	211326	1/18/2022	268,562.00	
Muni Court: SQL Migration and Website Project	211326	1/18/2022	75,311.00	
Muni Court: SQL Migration and Website Project	221249	1/17/2023	165,000.00	
Muni Court: IT Infrastructure and Courtroom Upgrade:	211326	1/18/2022	80,000.00	
Muni Court: IT Infrastructure and Courtroom Upgrade:	221249	1/17/2023	100,000.00	
Materials Seawall Replacement	211326	1/18/2022	49,365.00	
DEC: Data & Communications Center Remodel	221249	1/17/2023	500,000.00	
DEC: Dispatch Software	221249	1/17/2023	289,000.00	
Facilities Security Program	221249	1/17/2023	250,000.00	
Buildings Interior Program	221249	1/17/2023	200,000.00	
Municipal Services Building Repairs	221249	1/17/2023	1,500,000.00	
Rubbish				
2019 Major Capital Equipment	181356	1/15/2019	81,878.00	81,878.00
2021 Major Capital Equipment	201022	1/19/2021	757,782.00	757,782.00
2022 Major Capital Equipment	211330	1/18/2022	5,751,713.00	5,751,713.00
2023 Major Capital Equipment	221253	1/17/2023	7,800,000.00	7,800,000.00
DPW: Onboard Garbage Truck Computer System	221253	1/17/2023	482,000.00	482,000.00
Harbor				
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
2023 Pier, Berth & Channel Improv.	221240	1/17/2023	1,029,000.00	1,029,000.00
Dockwall Rehabilitation	171345	1/17/2018	143,345.00	143,345.00
Roadway Paving	201009	1/19/2021	66,423.00	66,423.00
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
Cruise Ship Terminal	221240	1/17/2023	2,000,000.00	2,000,000.00
Port Security Upgrades	221240	1/17/2023	290,000.00	290,000.00
Parking Facility Improvements				
2nd and Plankinton	211323	1/18/2022	250,000.00	250,000.00
1000 N Water	211323	1/18/2022	75,000.00	75,000.00
1000 N Water	221246	1/17/2023	500,000.00	500,000.00
Misc Struc/Mech/Elec Maint	211323	1/18/2022	100,000.00	100,000.00
Misc Struc/Mech/Elec Maint	221246	1/17/2023	200,000.00	200,000.00
Single Space Parking Meters	211323	1/18/2022	25,000.00	25,000.00
Single Space Parking Meters	221246	1/17/2023	75,000.00	75,000.00
Green Lots	211323	1/18/2022	600,000.00	600,000.00
Green Lots	221246	1/17/2023	700,000.00	700,000.00
Milw. Michigan Parking Structure Repairs	211323	1/18/2022	250,000.00	250,000.00
MacArther Sq Renovation	221246	1/17/2023	610,000.00	610,000.00
Surface and Tow Lot Repaving	221246	1/17/2023	275,000.00	275,000.00
ADA Compliance	221246	1/17/2023	50,000.00	50,000.00
Fire Stations & Improvements				
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
2023 Major Capital Equipment	221245	1/17/2023	2,500,000.00	2,500,000.00
Auxiliary Power Supply	181347	1/15/2019	38,000.00	38,000.00
Fire Facilities Maint Program	221244	1/17/2023	500,000.00	500,000.00
Police Facilities				
District Station Repairs	201012	1/19/2021	209,809.00	209,809.00
District Station Repairs	211320	1/18/2022	600,000.00	600,000.00
District Station Repairs	221243	1/17/2023	792,000.00	792,000.00
RMS System	171348	1/17/2018	322,900.00	322,900.00

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Upgrade CAD system	181346	1/15/2019	67,255.00	67,255.00
Uninterruptable Power Supply	221243	1/17/2023	220,000.00	220,000.00
2021 Police Vehicles	201012	1/19/2021	245,528.00	245,528.00
2022 Police Vehicles	211320	1/18/2022	3,374,471.00	3,374,471.00
2023 Police Vehicles	221243	1/17/2023	4,000,000.00	4,000,000.00
911 and Phone System Upgrade	171348	1/17/2018	5,688.00	5,688.00
Interview Room Camera	171348	1/17/2018	150,000.00	150,000.00
Telephone Switch Hardware Upgrade	181346	1/15/2019	172,728.00	172,728.00
CMS Upgrade	181346	1/15/2019	135,630.00	135,630.00
DataCom Center AHU	181346	1/15/2019	25,577.00	25,577.00
Automated Fingerprint ID System	201012	1/19/2021	1,198,764.00	1,198,764.00
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	59,990.00	59,990.00
Server Hardware/Software Refresh	211320	1/18/2022	493,831.00	493,831.00
PAB Concrete Repairs	221243	1/17/2023	750,000.00	750,000.00
Police Motorcycles	221243	1/17/2023	200,000.00	200,000.00
SIEM Software	221243	1/17/2023	83,000.00	83,000.00
Squad Mobile Computers Upgrade	221243	1/17/2023	385,000.00	385,000.00
Joint Public Safety Radio Upgrade	221243	1/17/2023	5,500,000.00	5,500,000.00
Bridges & Viaducts				
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
State & Federally Aided Bridges BR3	221237	1/17/2023	688,000.00	688,000.00
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
Bridge Reconstruction - Local BR1	221237	1/17/2023	1,075,000.00	1,075,000.00
Street Improvements				
Street Lighting	201007	1/19/2021	880,782.00	880,782.00
Street Lighting	211315	1/18/2022	10,500,000.00	10,500,000.00
Street Lighting	221238	1/17/2023	11,100,000.00	11,100,000.00
State & Federally Aided Streets	201008	1/19/2021	5,290,523.00	5,290,523.00
State & Federally Aided Streets	211316	1/18/2022	11,429,000.00	11,429,000.00
State & Federally Aided Streets	221239	1/17/2023	20,200,000.00	20,200,000.00
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
Street Reconstruction, Regular Pgm	221239	1/17/2023	6,000,000.00	6,000,000.00
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
Alley Reconstruction Program	221239	1/17/2023	850,000.00	850,000.00
Street Improvements - Sidewalk	211316	1/18/2022	1,000,000.00	1,000,000.00
Street Improvements - Sidewalk	221239	1/17/2023	1,500,000.00	1,500,000.00
High Impact Program	201008	1/19/2021	2,090,885.60	2,090,885.60
High Impact Program	211316	1/18/2022	6,000,000.00	6,000,000.00
High Impact Program	221239	1/17/2023	7,000,000.00	7,000,000.00
Traffic Control Facilities	201008	1/19/2021	1,048,230.01	1,048,230.01
Traffic Control Facilities	211316	1/18/2022	2,500,000.00	2,500,000.00
Traffic Control Facilities	221239	1/17/2023	2,300,000.00	2,300,000.00
Public Facility Communications	201008	1/19/2021	242,052.00	242,052.00
Public Facility Communications	211316	1/18/2022	457,000.00	457,000.00
Conduit & Manholes (private related use)	181342	1/15/2019	2,852.75	2,852.75
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
Conduit & Manholes (private related use)	221239	1/17/2023	800,000.00	800,000.00
Underground Electrical Manholes (private related use)	211316	1/18/2022	894,964.00	894,964.00
Underground Electrical Manholes (private related use)	221239	1/17/2023	900,000.00	900,000.00
Lead Service Line Replacement Program	181342	1/15/2019	3,100,000.00	3,100,000.00

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Lead Service Line Replacement Program	191383	1/21/2020	1,800,000.00	1,800,000.00
Multimodal Transportation	211316	1/18/2022	903,944.00	903,944.00
Multimodal Transportation	221239	1/17/2023	1,325,000.00	1,325,000.00
Public Facility Communications	221239	1/17/2023	500,000.00	500,000.00
Street Light & Traffic Light Knockdowns	221239	1/17/2023	2,400,000.00	2,400,000.00
Parks & Public Grounds				
MKE Plays Initiative	211319	1/18/2022	850,000.00	850,000.00
MKE Plays Initiative	221242	1/17/2023	550,000.00	550,000.00
School Purposes				
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
2023 Authorization	221247	1/17/2023	2,000,000.00	2,000,000.00
Sewer Maintenance Fund				
2020 Relief & Relay	191385	1/21/2020	24,396,017.64	
2021 Relief & Relay	201010	1/19/2021	25,500,000.00	
2022 Relief & Relay	211318	1/18/2022	20,500,000.00	
2023 Relief & Relay	221241	1/17/2023	18,500,000.00	
I&I Reduction Projects	171346	1/17/2018	3,250,000.00	
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	
I&I Reduction Projects	221241	1/17/2023	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	
2022 Flood Mitigation SM497	221241	1/17/2023	1,000,000.00	
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	
Water Quality Initiatives	221241	1/17/2023	1,000,000.00	
Channel Restoration	221241	1/17/2023	200,000.00	
Water Works Borrowing				
Replace Mains, Hydrants, & Valves 2019	181355	1/15/2019	5,871,114.83	
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	
Replace Mains, Hydrants, & Valves 2023	221252	1/17/2023	32,550,000.00	
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	
2023 Linwood Plant Building	221252	1/17/2023	100,000.00	
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	
2023 Linwood Plant Treatment	221252	1/17/2023	5,550,000.00	
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	
2023 Howard Plant Building	221252	1/17/2023	1,050,000.00	
2018 Howard Plant Treatment	171357	1/17/2018	800,000.00	

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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	
2023 Howard Plant Treatment	221252	1/17/2023	5,300,000.00	
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	
2023 Pump Facilities Improvements	221252	1/17/2023	950,000.00	
Storage Facilities Improvements	201021	1/19/2021	50,000.00	
Storage Facilities Improvements	211329	1/18/2022	50,000.00	
Storage Facilities Improvements	221252	1/17/2023	800,000.00	
Meter Shop Repair	201021	1/19/2021	10,000.00	
Meter Shop Repair	211329	1/18/2022	940,000.00	
Meter Shop Repair	221252	1/17/2023	400,000.00	
Capital Project Contingencies	201021	1/19/2021	100,000.00	
Capital Project Contingencies	211329	1/18/2022	100,000.00	
Capital Project Contingencies	221252	1/17/2023	100,000.00	
2021 Lead Service Lines - Special Assessment	201021	1/19/2021	4,000,000.00	
Work Order and Asset Management Software	221252	1/17/2023	200,000.00	
Tax Incremental Districts				
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
New TID's 2022	211328	1/18/2022	25,000,000.00	25,000,000.00
New TID's 2023	221251	1/17/2023	25,000,000.00	25,000,000.00
Delinquent Tax Financing - Notes	221254	1/17/2023	37,000,000.00	
Contingent Borrowing				
Current Municipal Expense	220657	9/20/2022	62,000,000.00	
Current year Unallocated		2022	175,000,000.00	175,000,000.00
CDBG	211333	1/18/2022	25,000,000.00	
Refunding				
Refund Direct Loans	221259	1/17/2023	10,000,000.00	10,000,000.00
Refund 2012 B3, 2012 T5, 2013 B3	221255	1/17/2023	36,820,000.00	36,820,000.00
Total			<u>\$ 1,048,644,902.83</u>	<u>\$ 589,899,059.36</u>