

Exhibit A (151262 and 151253)
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				
Business Improvement Districts	121168	2/5/2013	250,000.00	250,000.00
Business Improvement Districts	131228	1/22/2014	250,000.00	250,000.00
Business Improvement Districts	141380	1/21/2015	250,000.00	250,000.00
In Rem Property Program	151246	1/19/2016	1,000,000.00	1,000,000.00
Commercial In Rem Property Program	141380	1/21/2015	500,000.00	500,000.00
Commercial In Rem Property Program	151246	1/19/2016	250,000.00	250,000.00
Housing Infrastructure Preservation Fund	151246	1/19/2016	450,000.00	450,000.00
Façade Program	121168	2/5/2013	289,415.00	289,415.00
Façade Program	131228	1/22/2014	250,000.00	250,000.00
Brownfield Program	141380	1/21/2015	351,491.00	351,491.00
Brownfield Program	151246	1/19/2016	500,000.00	500,000.00
Housing Trust Fund	151246	1/19/2016	400,000.00	400,000.00
Concentrated Blight Elimination	151246	1/19/2016	2,200,000.00	2,200,000.00
Commercial Investment Program (Facade)	151246	1/19/2016	500,000.00	500,000.00
Strong Homes Loan Program	151246	1/19/2016	1,000,000.00	1,000,000.00
Code Compliance Program	151246	1/19/2016	500,000.00	500,000.00
Library Improvements				
2013 Central Library Imp. Fund	121166	2/5/2013	418,099.00	418,099.00
2014 Central Library Imp. Fund	131226	1/22/2014	838,609.00	838,609.00
2015 Central Library Imp. Fund	141378	1/21/2015	1,174,679.00	1,174,679.00
2016 Central Library Imp. Fund	151260	1/19/2016	1,000,000.00	1,000,000.00
2012 Library Facility Initiatives	111092	12/20/2011	25,227.00	25,227.00
2014 Library Facility Initiatives	131226	1/22/2014	539,007.00	539,007.00
2013 Neighborhood Library Imp Fund	121166	2/5/2013	91,770.00	91,770.00
2015 Neighborhood Library Imp Fund	141378	1/21/2015	542,219.00	542,219.00
Branch Library New Construction	141378	1/21/2015	4,268,882.00	4,268,882.00
Branch Library New Construction	151260	1/19/2016	4,800,000.00	4,800,000.00
Public Buildings				
Space Planning - Facilities - Notes	151258	1/19/2016	400,000.00	400,000.00
ADA Compliance Program	131227	1/22/2014	44,168.00	44,168.00
ADA Compliance Program	141379	1/21/2015	215,000.00	215,000.00
ADA Compliance Program	151,258	1/19/2016	200,000.00	200,000.00
Facility Systems Program	141379	1/21/2015	824,222.00	824,222.00
Facility Systems Program	151258	1/19/2016	540,000.00	540,000.00
Facilities Exterior Upgrade Program	131227	1/22/2014	729,334.00	729,334.00
Facilities Exterior Upgrade Program	141379	1/21/2015	2,008,000.00	2,008,000.00
Facilities Exterior Upgrade Program	151258	1/19/2016	1,000,000.00	1,000,000.00
Environmental Remediation Program	141379	1/21/2015	5,000.00	5,000.00
Environmental Remediation Program	151258	1/19/2016	50,000.00	50,000.00
City Hall Foundation	151258	1/19/2016	13,000,000.00	13,000,000.00
2013 Health: Facilities Capital Projects	121167	2/5/2013	116,311.00	116,311.00
2014 Health: Facilities Capital Projects	131227	1/22/2014	425,000.00	425,000.00
2015 Health: Facilities Capital Projects	141379	1/21/2015	366,000.00	366,000.00
2016 Health: Facilities Capital Projects	151258	1/19/2016	340,000.00	340,000.00
DPW B&F: Major Capital Equipment	111093	12/20/2011	104,924.00	104,924.00
DPW B&F: Major Capital Equipment	121167	2/5/2013	4,645.00	4,645.00
DPW B&F: Major Capital Equipment	141379	1/21/2015	1,619,581.00	1,619,581.00
DPW B&F: Major Capital Equipment	151258	1/19/2016	3,590,000.00	3,590,000.00
DPW B&F: 2 Way Radio Replacement	111093	12/20/2011	306,149.00	306,149.00
DOA: HRMS Upgrade	151258	1/19/2016	1,000,000.00	1,000,000.00
MacArthur Square Plaza Restoration	111093	12/20/2011	12,360.00	12,360.00

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Public Buildings (continued)				
Energy Efficiency & Renewable Energy	131227	1/22/2014	38,358.00	38,358.00
Energy Efficiency & Renewable Energy	141379	1/21/2015	100,000.00	100,000.00
SP: Land Management System	111093	12/20/2011	752,328.00	752,328.00
SP: Land Management System	141379	1/21/2015	850,000.00	850,000.00
Muni Phone System Upgrade	111093	12/20/2011	48,684.00	48,684.00
Municipal Services Building - Canal St	121167	2/5/2013	10,114.00	10,114.00
DOA: Procurement Application	121167	2/5/2013	27,877.00	27,877.00
DOA: Work Safety & Eff Proj, 809 Bldg 4th Flr	121167	2/5/2013	40,410.00	40,410.00
DOA: Work Safety & Eff Proj, 809 Bldg 4th Flr	141379	1/21/2015	400,000.00	400,000.00
DOA: IT Upgrades	121167	2/5/2013	200,000.00	200,000.00
Clerk: LIRA Public Interface	121167	2/5/2013	43,569.00	43,569.00
City Hall 8th Floor Remodel - City Att	131227	1/22/2014	1,756,870.00	1,756,870.00
Fire Police Commission Remodeling	131227	1/22/2014	150,000.00	150,000.00
Clerk: Channel 25 Digital Conversion	141379	1/21/2015	13,798.00	13,798.00
DOA: MapMilwaukee ArcGIS Upgrade	141379	1/21/2015	400,000.00	400,000.00
DOA: Mobile Device Security	141379	1/21/2015	160,000.00	160,000.00
DOA: E-Vault Upgrade	141379	1/21/2015	95,788.00	95,788.00
DOA: Tax Collection System	141379	1/21/2015	1,200,000.00	1,200,000.00
DOA: Tax Collection System	151258	1/19/2016	1,150,000.00	1,150,000.00
Assessor: Assessment Software	141379	1/21/2015	531,915.00	531,915.00
Assessor: Assessment Software	151258	1/19/2016	556,000.00	556,000.00
Elec: Voting Machine Replacement	141379	1/21/2015	530,000.00	530,000.00
Court: CATS and Website Upgrade	141379	1/21/2015	504,000.00	504,000.00
DNS: Anderson Tower Garage	141379	1/21/2015	420,997.00	420,997.00
North Point Lake Tower Restoration	141379	1/21/2015	290,383.00	290,383.00
Brine Makers	141379	1/21/2015	208,497.00	208,497.00
Brine Makers	151258	1/19/2016	100,000.00	100,000.00
DOA: CSWAN-COMON Upgrade	151258	1/19/2016	500,000.00	500,000.00
DOA: Lagan Upgrade	151258	1/19/2016	220,000.00	220,000.00
DOA: Corporate Database Upgrade	151258	1/19/2016	270,000.00	270,000.00
DOA: Better Building Challenge	151258	1/19/2016	400,000.00	400,000.00
Health: Lead Paint Prevention	151258	1/19/2016	340,000.00	340,000.00
DNS: Conversion of Anderson Tower Garage	151258	1/19/2016	225,000.00	225,000.00
Hartung Park Landfill Closure	151258	1/19/2016	100,000.00	100,000.00
MKE Plays Initiative	151258	1/19/2016	250,000.00	250,000.00
Rubbish				
Major Capital Equipment	131231	1/22/2014	995,644.00	995,644.00
Major Capital Equipment	141383	1/21/2015	3,872,000.00	3,872,000.00
Major Capital Equipment	151247	1/19/2016	3,135,000.00	3,135,000.00
Harbor				
Pier, Berth & Channel Improv.	121172	2/5/2013	200,000.00	200,000.00
Pier, Berth & Channel Improv.	131232	1/22/2014	200,000.00	200,000.00
Dockwall Rehabilitation	111098	12/20/2011	140,000.43	140,000.43
Dockwall Rehab	141384	1/21/2015	9,999.86	9,999.86
Confined Disposal Facility Expansion	111098	12/20/2011	75,000.00	75,000.00
Terminal Resurfacing	121172	2/5/2013	95,516.99	95,516.99
Terminal Resurfacing (taxable)		2/5/2013	8,590.00	8,590.00
Terminal Resurfacing	141384	1/21/2015	250,000.00	250,000.00
Port Security	121172	2/5/2013	42,654.00	42,654.00
Roadway Paving	121172	2/5/2013	79,267.00	79,267.00
Roadway Paving (taxable)		2/5/2013	10,725.00	10,725.00

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Harbor (continued)				
Roadway Paving	141384	1/21/2015	100,000.00	100,000.00
Liquid Cargo Pier	121172	2/5/2013	250,000.00	250,000.00
Rail Track & Service Upgrades	131232	1/22/2014	289,821.00	289,821.00
Rail Track & Service Upgrades	141384	1/21/2015	500,000.00	500,000.00
Rail Track & Service Upgrades	151233	1/19/2016	400,000.00	400,000.00
Port Facility Systems	131232	1/22/2014	50,000.00	50,000.00
Parking Facility Improvements				
2012 Misc Struc/Mech/Elec Maint	111090	12/20/2011	55,126.00	55,126.00
2014 Misc Struc/Mech/Elec Maint	131224	1/22/2014	80,065.00	80,065.00
2015 Misc Struc/Mech/Elec Maint	141376	1/21/2015	200,000.00	200,000.00
2016 Misc Struc/Mech/Elec Maint	151242	1/19/2016	100,000.00	100,000.00
1000 N Water Repairs	141376	1/21/2015	103,233.00	103,233.00
1000 N Water Repairs	151242	1/19/2016	150,000.00	150,000.00
MacArther Sq Renovation (80170)	141376	1/21/2015	136,984.00	136,984.00
MacArther Sq Renovation (80170)	151242	1/19/2016	30,000.00	30,000.00
Surface and Tow Lot Repaving	141376	1/21/2015	39,768.00	39,768.00
Surface and Tow Lot Repaving	151242	1/19/2016	200,000.00	200,000.00
4th and Highland	141376	1/21/2015	137,000.00	137,000.00
4th and Highland	151242	1/19/2016	50,000.00	50,000.00
2nd and Plankinton	141376	1/21/2015	100,000.00	100,000.00
Milwaukee Michigan Parking Structure Repairs	141376	1/21/2015	273,238.00	273,238.00
Milwaukee Michigan Parking Structure Repairs	151242	1/19/2016	550,000.00	550,000.00
Single Space Parking Meters	141376	1/21/2015	625,028.00	625,028.00
Single Space Parking Meters	151242	1/19/2016	650,000.00	650,000.00
Revenue control & Access	151242	1/19/2016	50,000.00	50,000.00
Fire Stations & Improvements				
2014 Major Capital Equipment	131222	1/22/2014	884,970.00	884,970.00
2015 Major Capital Equipment	141374	1/21/2015	414,000.00	414,000.00
2016 Major Capital Equipment	151241	1/19/2016	1,504,000.00	1,504,000.00
Auxiliary Power Supply	131222	1/22/2014	63,620.00	63,620.00
Auxiliary Power Supply	141374	1/21/2015	110,000.00	110,000.00
2014 Fire Facilities Maint Program	131223	1/22/2014	284,663.00	284,663.00
2015 Fire Facilities Maint Program	141375	1/21/2015	1,325,284.00	1,325,284.00
2016 Fire Facilities Maint Program	151240	1/19/2016	725,000.00	725,000.00
Fire Digital Radio	151241	1/19/2016	400,000.00	400,000.00
Fire Records Management	151241	1/19/2016	550,000.00	550,000.00
Police Facilities				
Remodel Admin Bldg Offices	131221	1/22/2014	5,110,788.00	5,110,788.00
Remodel Admin Bldg Offices	141373	1/21/2015	860,000.00	860,000.00
Remodel Admin Bldg Offices	151239	1/19/2016	2,100,000.00	2,100,000.00
Evidence Storage Warehouse	111086	12/20/2011	70,574.00	70,574.00
2015 District Station Repairs	141373	1/21/2015	471,675.00	471,675.00
2016 District Station Repairs	151239	1/19/2016	500,000.00	500,000.00
Radio & Communications Upgrads	131221	1/22/2014	119,353.00	119,353.00
Radio & Communications Upgrads	141373	1/21/2015	200,000.00	200,000.00
Radio & Communications Upgrads	151239	1/19/2016	440,000.00	440,000.00
RMS System	121161	2/5/2013	61,360.00	61,360.00
RMS System	131221	1/22/2014	1,400,000.00	1,400,000.00
RMS System	141373	1/21/2015	2,000,000.00	2,000,000.00
RMS System	151239	1/19/2016	1,100,000.00	1,100,000.00

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Police Facilities (continued)				
Multi-Factor Authentication	121161	2/5/2013	26,249.00	26,249.00
Data/Comm Center Repairs	121161	2/5/2013	68,319.00	68,319.00
Uninterruptable power supply	131221	1/22/2014	635,984.00	635,984.00
Uninterruptable Power Supply	151239	1/19/2016	425,000.00	425,000.00
Mobile Data Computer Upgrades	141373	1/21/2015	213,538.00	213,538.00
Mobile Data Computer Upgrades	151239	1/19/2016	758,000.00	758,000.00
Server and Storage Replacement	151239	1/19/2016	225,000.00	225,000.00
Upgrade CAD system	151239	1/19/2016	1,300,000.00	1,300,000.00
Radio Dispatch Console Upgrade	151239	1/19/2016	1,900,000.00	1,900,000.00
Interview Room Camera	151239	1/19/2016	250,000.00	250,000.00
Bridges & Viaducts				
State & Federally Aided Bridges BR3	131215	1/22/2014	260,000.00	260,000.00
State & Federally Aided Bridges BR3	141367	1/21/2015	100,000.00	100,000.00
State & Federally Aided Bridges BR3	151229	1/19/2016	277,000.00	277,000.00
Bridge Reconstruction - Local BR1	131215	1/22/2014	7,092,868.00	7,092,868.00
Bridge Reconstruction - Local BR1	141367	1/21/2015	8,810,000.00	8,810,000.00
Bridge Reconstruction - Local BR1	151229	1/19/2016	4,100,000.00	4,100,000.00
Street Improvements				
Street Lighting	141368	1/21/2015	5,091,586.00	5,091,586.00
Street Lighting	151231	1/19/2016	9,120,000.00	9,120,000.00
State & Federally Aided Streets	131217	1/22/2014	6,214,000.00	6,214,000.00
State & Federally Aided Streets	141369	1/21/2015	7,401,000.00	7,401,000.00
State & Federally Aided Streets	151232	1/19/2016	8,136,000.00	8,136,000.00
New Street Construction	131217	1/22/2014	200,000.00	200,000.00
Street Improvements - Sidewalk	141369	1/21/2015	1,148,458.00	1,148,458.00
Street Improvements - Sidewalk	151232	1/19/2016	1,425,000.00	1,425,000.00
Street Reconstruction, Regular Pgm	141369	1/21/2015	7,831,394.22	7,831,394.22
Street Reconstruction, Regular Pgm	151232	1/19/2016	7,000,000.00	7,000,000.00
Alley Reconstruction Program	131217	1/22/2014	399,440.00	399,440.00
Alley Reconstruction Program	141369	1/21/2015	1,625,000.00	1,625,000.00
Underground Electrical Manholes	131217	1/22/2014	152,734.00	152,734.00
Underground Electrical Manholes	141369	1/21/2015	1,100,000.00	1,100,000.00
Underground Electrical Manholes	151232	1/19/2016	1,225,000.00	1,225,000.00
Conduit & Manholes (private related use)	111081	12/20/2011	766,200.00	766,200.00
Conduit & Manholes (private related use)	121156	2/5/2013	1,736,700.00	1,736,700.00
Conduit & Manholes (private related use)	131217	1/22/2014	500,000.00	500,000.00
Conduit & Manholes (private related use)	141369	1/21/2015	1,000,000.00	1,000,000.00
Conduit & Manholes (private related use)	151232	1/19/2016	736,000.00	736,000.00
Traffic Control Facilities	131217	1/22/2014	1,186,445.00	1,186,445.00
Traffic Control Facilities	141369	1/21/2015	820,000.00	820,000.00
Traffic Control Facilities	151232	1/19/2016	520,000.00	520,000.00
High Impact Program	141369	1/21/2015	1,304,050.00	1,304,050.00
High Impact Program	151232	1/19/2016	8,000,000.00	8,000,000.00
Public Facility Communications	141369	1/21/2015	278,664.00	278,664.00
Public Facility Communications	151232	1/19/2016	575,000.00	575,000.00
Neighborhood Comm. Dist. St. Improvement	121156	2/5/2013	600,000.00	600,000.00
Neighborhood Comm. Dist. St. Improvement	131217	1/22/2014	300,000.00	300,000.00
Neighborhood Comm. Dist. St. Improvement	141369	1/21/2015	200,000.00	200,000.00

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Parks & Public Grounds				
Boulevard Plan	131220	1/22/2014	177,708.00	177,708.00
Boulevard Plan	141372	1/21/2015	500,000.00	500,000.00
Boulevard Plan	151238	1/19/2016	250,000.00	250,000.00
Playground Improvement Challenge Fund	121160	2/5/2013	77,410.00	77,410.00
Playground Improvement Challenge Fund	131220	1/22/2014	60,000.00	60,000.00
Production and Planting Program (1,220,000 cash)	141372	1/21/2015	300,000.00	300,000.00
Recreational Facilities City Wide BMD9 to Playground Imp Challenge Fund	141372	1/21/2015	175,000.00	175,000.00
Special Assessments				
Special Assessments	151249	1/19/2016	1,648,000.00	1,648,000.00
School Purposes				
2013 Authorization	121165	2/5/2013	487,364.48	487,364.48
2014 Authorization	131225	1/22/2014	2,000,000.00	2,000,000.00
2015 Authorization	141377	1/21/2015	2,000,000.00	2,000,000.00
2016 Authorization	151257	1/19/2016	2,000,000.00	2,000,000.00
Sewer Maintenance Fund				
2014 Relief & Relay	131219	1/22/2014	13,283,338.00	13,283,338.00
2014 Relief & Relay - DSRF	131219	1/22/2014	2,900,000.00	2,900,000.00
2015 Relief & Relay	141371	1/21/2015	28,000,000.00	28,000,000.00
2015 Relief & Relay - DSRF	141371	1/21/2015	2,800,000.00	2,800,000.00
2016 Relief & Relay	151234	1/19/2016	26,000,000.00	26,000,000.00
2016 Relief & Relay - DSRF	151234	1/19/2016	2,600,000.00	2,600,000.00
I&I Reduction Projects - DSRF	111083	12/20/2011	666,119.00	666,119.00
I&I Reduction Projects	121159	2/5/2013	5,941,976.00	5,941,976.00
I&I Reduction Projects	131219	1/22/2014	6,600,000.00	6,600,000.00
I&I Reduction Projects	141371	1/21/2015	5,000,000.00	5,000,000.00
I&I Reduction Projects	151234	1/19/2016	4,500,000.00	4,500,000.00
I&I Reduction Projects - DSRF	151234	1/19/2016	450,000.00	450,000.00
Water Quality Initiatives	131219	1/22/2014	540,664.00	540,664.00
Water Quality Initiatives	141371	1/21/2015	1,064,873.00	1,064,873.00
Water Quality Initiatives	151234	1/19/2016	1,000,000.00	1,000,000.00
Water Quality Initiatives - DSRF	151234	1/19/2016	100,000.00	100,000.00
Flood Mitigation	141371	1/21/2015	2,688,968.00	2,688,968.00
Flood Mitigation	151234	1/19/2016	4,300,000.00	4,300,000.00
Flood Mitigation - DSRF	151234	1/19/2016	430,000.00	430,000.00
Water Works Borrowing				
Replace Mains, Hydrants, & Valves WT41013	121170	2/5/2013	497,777.46	497,777.46
Replace Mains, Hydrants, & Valves WT41014	131230	1/22/2014	3,075,000.00	3,075,000.00
Replace Mains, Hydrants, & Valves	141382	1/21/2015	10,736,000.00	10,736,000.00
Replace Mains, Hydrants, & Valves	151244	1/19/2016	11,674,000.00	11,674,000.00
Replace Mains, Hydrants, & Valves - DSRF	151244	1/19/2016	1,168,000.00	1,168,000.00
Linnwood Plant Treatment Imp WT450132	121170	2/5/2013	300,000.00	300,000.00
Linnwood Plant Treatment Imp WT450142	131230	1/22/2014	775,000.00	775,000.00
Howard Plant Treatment Imp WT450134	121170	2/5/2013	100,000.00	100,000.00
Howard Plant Treatment Imp WT450144	131230	1/22/2014	150,000.00	150,000.00

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Tax Incremental Districts				
New TID's	111095	12/20/2011	10,038,678.10	10,038,678.10
Capitalized Interest	111095	12/20/2011	2,000,000.00	2,000,000.00
New TID's	121169	2/5/2013	9,599,000.00	9,599,000.00
Capitalized Interest	121169	2/5/2013	1,000,000.00	1,000,000.00
New TID's	131229	1/22/2014	14,655,727.32	14,655,727.32
Capitalized Interest	131229	1/22/2014	1,000,000.00	1,000,000.00
New TID's (Notes only)	141323	1/21/2015	15,000,000.00	
Capitalized Interest (Notes only)	141323	1/21/2015	1,500,000.00	
New TID's	151259	1/19/2016	49,000,000.00	49,000,000.00
Capitalized Interest	151259	1/19/2016	4,900,000.00	4,900,000.00
Delinquent Tax Financing - Notes	141385	1/21/2015	37,000,000.00	
Revenue Anticipation Borrowing				
Unallocated		2015	250,000,000.00	
City - RANs	141364	1/21/2015	150,000,000.00	
Contingent Borrowing				
Material Recovery Facility (131792)	140034	4/22/2014	2,856,186.40	2,856,186.40
TID 84 - McKinley/Juneay - Bucks Arena	150481	9/22/2015	12,000,000.00	12,000,000.00
TID 84 - McKinley/Juneay - Developer	150482	9/22/2015	8,000,000.00	8,000,000.00
Damages and Claims	151340	1/19/2016	5,000,000.00	
Current year Unallocated		2016	175,000,000.00	175,000,000.00
CDBG	151250	1/19/2016	25,000,000.00	
Refunding				
Refund Commercial Paper	151262	1/21/2015	164,500,000.00	164,500,000.00
Refund 2012 V10	151262	1/21/2015	30,000,000.00	30,000,000.00
Refund 2006 B2, 2006 B10, 2007 B5, 2008 B7	151005	11/24/2015	58,660,000.00	58,660,000.00
Total			1,374,116,046.26	890,616,046.26