

SCHEDULE "A"

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
STREETS:-										
ANNUAL CITY PAVING PROGRAM										
1	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RECONST	XXXXX							PASER CR-4, Priority Ranking 10.6, Orig. Pav't. 1976
2	FESSLER DRIVE - EAST END CUL-DE-SAC	NEW	XXXXX							T.L.F. ?
3	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R	XXXXX							Michigan Ave., Fleetwood Dr., & Menasha Ave., 8th St.
4	S. 35TH ST. - CALUMET AVE. TO 180 FEET SOUTH	RECONST.		XXXXX						Paved 1977, PASER CR-?
5	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R		XXXXX						
6	W. CRESCENT DRIVE - WALDO BLVD. TO SOUTH	RECONST.			XXXXX					Paved 1973, PASER CR-4, Priority Ranking 10.6
7	E. CRESCENT DRIVE - WALDO BLVD. TO SOUTH	RECONST.			XXXXX					Paved 1973, PASER CR-4, Priority Ranking 10.6
8	PHEASANT LANE - E. CRESCENT DRIVE TO 125 FEET EAST	RECONST.			XXXXX					Paved 1973, PASER CR-4, Priority Ranking 3.3
9	SOUTH 15TH ST. - FRANKLIN TO WASHINGTON	RECONST.			XXXXX					After Mirro Demolition, CR-6
10	SOUTH 16TH ST. - FRANKLIN TO WASHINGTON	RECONST.			XXXXX					After Mirro Demolition, CR-4
11	MEMORIAL & LILAC DR. - ISLAND MODIFICATIONS	RECONST.				XXXXX				Per Businesses & County Request
12	E. ALBERT DRIVE - JOHNSTON DR. TO EAST	RECONST.				XXXXX				PASER CR-3, Orig. Const. 1979
13	SOUTH 13TH ST. - FRANKLIN TO WASHINGTON	RECONST.				XXXXX				1992 Resurfacing ?, CR-4
14	DUFEK DRIVE - WEST DRIVE TO 500 FEET NORTH	R&R				XXXXX				500 ft. x 24 ft. slab replacement, Orig. Paved 1990
15	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R				XXXXX				
16	MACARTHUR DR. - 150 FT. WEST OF MEADOW CT. TO DALE S	RECONST					XXXXX			PASER CR-4, Orig. Const. 1953
17	NORTH 12TH ST. - WALDO BLVD. TO FAIRMONT ST.	RECONST					XXXXX			G.M. 8/11/04, Coordinate w/ Waldo Reconstr.
18	MENASHA AVENUE - NORTH 11TH ST. TO WALDO BLVD.	RECONST					XXXXX			Per G.M. 9/20/04, Coordinate w/ Waldo Reconstr.
19	LANCER CIRCLE - SOUTH & WEST LEGS	RECONST					XXXXX			
20	NORTH 10TH ST - SCHOOL ST. TO CHERRY RD.	RECONST						XXXXX		1959 Pavement, PASER CR-4 & 5
21	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RECONST						XXXXX		PASER CR-5
22	NORTH 23RD ST - FAIRMONT TO MENASHA AVE.	RECONST						XXXXX		1954 Pavement, PASER CR-4
TOTAL FOR ANNUAL CITY PAVING PROGRAM			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

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CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
ANNUAL CITY RESURFACING PROGRAM										
23	SPRING STREET - MICHIGAN AVE. TO 500 FEET SOUTHWEST	OVERLAY	XXXXX							1996 Overlay, PASER CR-3
24	ALLEY BOUNDED BY LINCOLN, N. 8TH, PINE & WALDO	RECONSTR	XXXXX							EAST & NORTH LEGS, Extend N. Leg 50 feet, CR-2, 3
25	ALLEY BOUNDED BY N. 19TH, N. 20TH, MICHIGAN, PROSPECT	RECONSTR	XXXXX							CR-3
26	SPRINGHILL DRIVE - WOODLAWN DR. TO WEST	OVERLAY		XXXXX						1989 Sealcoat, PASER CR-2
27	EDGEWOOD LN - 140' W. OF BROOKFIELD TO W. CUSTER	OVERLAY		XXXXX						San. installed in 2005., PASER CR-4
28	ALLEY BOUNDED BY N. 7TH, N. 8TH, REED AVE., MAGNOLIA	RECONSTR.		XXXXX						CR-4, Drainage Complaints, Incl. \$23K for Stm. Swr.
29	MARSHALL ST. - S. LAKE ST. TO S. 7TH ST.	OVERLAY			XXXXX					Mill & Overlay North & South Parking Lane, CR-5
30	NW FRONTAGE RD. - DUFEK DR. TO I-TEC DRIVE	OVERLAY			XXXXX					PASER CR-3
31	GREEN ST. - S. 16TH TO S. 18TH ST.	OVERLAY			XXXXX					1999 Sealcoat, PASER CR-5
32	SOUTH 7TH ST. - MARSHALL TO MADISON ST.	OVERLAY			XXXXX					1994-1995 Sealcoat, PASER CR-5
33	SOUTH 15TH ST. - CLARK TO FRANKLIN ST.	OVERLAY			XXXXX					1997 Sealcoat, PASER CR-5
34	WASHINGTON ST. - SOUTH 25TH TO SOUTH 26TH ST.	OVERLAY			XXXXX					1999 SealCoat, PASER CR-5
35	FARMER'S MARKET PARKING LOT	OVERLAY				XXXXX				
36	MEADOW COURT - MEADOW LN. TO MACARTHUR DR.	OVERLAY				XXXXX				PASER CR-6, Relay San. & Stm. Sewers
37	DIVISION ST. - SOUTH 10TH TO SOUTH 14TH ST.	OVERLAY				XXXXX				Last Treatment 1995, CR-5
38	NORTH 19TH ST. - MICHIGAN AVE. TO PROSPECT AVE.	OVERLAY				XXXXX				1999 SealCoat, PASER CR-6
39	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	OVERLAY				XXXXX				1999 SealCoat, PASER CR-4
40	SOUTH 7TH ST. - JAY ST. TO MARSHALL ST.	OVERLAY					XXXXX			1998 Sealcoat, PASER CR-5
41	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	OVERLAY					XXXXX			PASER CR-5
42	SOUTH 18TH ST. - WESTERN AVE. TO WOLLMER ST.	OVERLAY					XXXXX			PASER CR-5, 2001 Seal Coat
43	S. ALVERNO RD. - W. CUSTER ST. TO DUTCH RD.	OVERLAY					XXXXX			1995 SealCoat, PASER CR-5
44	PARK ST. - NORTH 10TH TO WEST	OVERLAY					XXXXX			1981 Overlay, PASER CR-3
45	BROADWAY ST. - MICHIGAN AVE. TO 1,450 FT. SOUTHEAST	OVERLAY					XXXXX			PASER CR-6, Priority Ranking 6.8 Town of Mtwc. Rapids owns west half of the road
46	NORTH 5TH ST. - CLEVELAND TO NEW YORK AVE.	OVERLAY						XXXXX		1973 Pav't., Seal Coat in 1992 & 2003, CR-6
47	NORTH 5TH ST. - NEW YORK AVE. TO PINE ST.	OVERLAY						XXXXX		1976 Pav't., Seal Coat in 1992 & 2003, CR-6
48	NORTH 6TH ST. - PARK ST. TO CLEVELAND AVE.	OVERLAY						XXXXX		1975 Pav't., Seal Coat in 1993 & 2003, CR-5
49	SOUTH 17TH ST. - WASHINGTON TO MARSHALL	OVERLAY						XXXXX		PASER CR-5
50	SOUTH 20TH ST. - FRANKLIN TO WASHINGTON ST.	OVERLAY						XXXXX		1996 Sealcoat, PASER CR-5
51	NE FRONTAGE RD. - RAPIDS RD. TO I-43	OVERLAY						XXXXX		PASER CR-4 ??
TOTAL FOR ANNUAL CITY RESURFACING PROGRAM			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

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CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
CITY ARTERIAL/COLLECTOR PROGRAM:-										
52	DEWEY STREET - S. 26TH TO S. 35TH ST. (2,700 ft.)	RECONST	XXXXX							PASER CR-4, Priority Ranking 16.1 (26th to 35th) PASER CR-5, Priority Ranking 16.1 (35th to 39th) Assume No Excavation & Gravel, Orig. Paved 1980
53	DEWEY STREET - S. 35TH TO 400 FEET WEST OF S. 39TH ST (1,750 Ft.)	RECONST	XXXXX							PASER CR-4, Priority Ranking 16.1 (26th to 35th) PASER CR-5, Priority Ranking 16.1 (35th to 39th) Assume No Excavation & Gravel, Orig. Paved 1980
54	SOUTH 10TH ST. - DEWEY ST. TO VIEBAHN ST.	RECONST		XXXXX						PASER CR-3 & 4, Complaints.
55	S. RAPIDS RD. - CALUMET AVE. TO 750 FT. NORTH	RECONST			XXXXX					Concurrent with planned Meijer Store opening 6/2018.
56	SOUTH 30TH ST. - 725' S. OF YORKSHIRE LN. TO DEWEY ST	RECONST				XXXXX				PASER CR-4, Priority Ranking 17.9 Reconstr. to match the existing 900 ft. by 24 ft. (Conc.) & 900 by 16 ft. (Asph. Shoulders)
TOTAL FOR CITY ARTERIAL/COLLECTOR PROGRAM			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

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NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
D.O.T. 6 YEAR PROGRAM:-										
57	WALDO BLVD. - MEMORIAL DR. TO N. 5TH ST.	RECONSTR				XXXXX				Constr. 2019, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
58	WALDO BLVD. - N. 5TH TO N. 8TH ST.	RECONSTR				XXXXX				Constr. 2019, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
59	WALDO BLVD. - N. 8TH TO FLEETWOOD DR.	RECONSTR				XXXXX	XXXXX			Constr. 2019/2020, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
60	WALDO BLVD. - FLEETWOOD TO N. RAPIDS RD.	RESURFACE					XXXXX			Constr. 2020, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
61	USH 151 (CALUMET AVE.) - S. RAPIDS RD. TO VALDERS	RESURFACE					XXXXX			City needs to fund portion from Rapids Rd. to I-43 Bridge I-43 to City Limits should be 100% funded by DOT
D.O.T. PROJECTS										
	LAND ACQUISITION		\$0	\$0	\$0	\$0	\$0			
	ENGINEERING COSTS		\$0	\$0	\$0	\$0	\$0		N/A	
	CONSTRUCTION COSTS		\$0	\$0	\$0	XXXXX	XXXXX		N/A	
GRAND TOTAL COST FOR D.O.T. PROJECTS			\$0	\$0	\$0	XXXXX	XXXXX	\$0	N/A	\$0
GRAND TOTAL FOR ALL PAVING PROJECTS			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

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NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
SANITARY INTERCEPTOR SEWERS, LIFT STATIONS, & FORCE MAINS										
62	ABANDON LAWTON TERR. LIFT STATION W/INTERCEPTOR SE	NEW	XXXXX							Need Easements, Permits, Wetland Delineation
63	SOUTH 14TH STREET LIFT STATION	UPGRADE			XXXXX					Per Foth & VanDyke Report (11/02)
64	SOUTH 19TH STREET LIFT STATION	DESIGN					XXXXX			Per Foth & VanDyke Report (11/02)
65	SOUTH 19TH STREET LIFT STATION	UPGRADE						XXXXX		
TOTAL FOR SANITARY INTERCEPTOR SEWERS:			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0
ANNUAL SANITARY SEWER PROGRAM										
66	INFILTRATION & INFLOW (I&I) STUDY AREAS, REHAB PROJECTS		XXXXX	XXXXX	XXXXX					Flow Metering Project, Manhole Sealing
67	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RELAY	XXXXX							
68	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE	XXXXX							AREAS WITH 1950'S 1960'S CONC. PIPE
69	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS	XXXXX							LOCATIONS TOO DEEP FOR DPW CREWS
70	WALDO BLVD. SPECS. FOR DOT CONTRACT			XXXXX						
71	SOUTH 10TH ST. - DEWEY ST. TO MANITOU ST.	RELAY		XXXXX						MAINLINE ONLY & RECONNET LATERALS
72	SCHOOL ST. - N. 8TH TO NAGLE AVE.	RE-LINE		XXXXX						519' - 8" Relining
73	WALDO BLVD. SIDE STREETS - RE-LINING	RE-LINE		XXXXX						
74	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE		XXXXX						AREAS WITH 1950'S 1960'S CONC. PIPE
75	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS		XXXXX						LOCATIONS TOO DEEP FOR DPW CREWS
76	WALDO BLVD. EASEMENT N. 9TH TO N. 11TH ST.	RE-LINE			XXXXX					W.W.T.F., 21 Inch Pipe
77	E. & W. CRESCENT DRIVE - WALDO TO SOUTH	LATERALS			XXXXX					W.W.T.F., Relay Laterals
78	HOMESTEAD RD. - KNUELL ST. TO RED FOX	NEW			XXXXX					
79	SOUTH 15TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY			XXXXX					W.W.T.F.
80	SOUTH 16TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY			XXXXX					W.W.T.F.
81	SOUTH 15TH ST. - CLARK TO FRANKLIN ST.	RE-LINE			XXXXX					W.W.T.F.
82	SOUTH 30TH STREET - DIVISION TO DEWEY	REPAIRS			XXXXX					W.W.T.F.
83	GREEN STREET - S. 16TH TO S. 18TH ST.	RE-LINE			XXXXX					W.W.T.F.
84	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE			XXXXX					AREAS WITH 1950'S 1960'S CONC. PIPE
85	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS			XXXXX					LOCATIONS TOO DEEP FOR DPW CREWS

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NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
86	WALDO BLVD. - NORTH 6TH ST. TO NORTH 17TH ST.	RELAY				XXXXX				RELAY MAINLINE AND LATERALS
87	NORTH 19TH ST. - MICHIGAN AVE. TO PROSPECT AVE.	RE-LINE				XXXXX				
88	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	RE-LINE				XXXXX				
89	SOUTH 13TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY				XXXXX				W.W.T.F.
90	MEADOW COURT - MEADOW LANE TO MACARTHUR DRIVE	RELAY				XXXXX				W.W.T.F.,
91	DIVISION ST. - S. 10TH TO S. 14TH ST.	RELINE				XXXXX				
92	WALDO BLVD. - NORTH 17TH TO FLEETWOOD DR.	RELAY					XXXXX			RELAY MAINLINE AND LATERALS
93	LANCER CIRCLE - SOUTH & WEST LEGS	RE-LINE					XXXXX			Re-Line??? & Laterals
94	MACARTHUR DR. - MEADOW CT. TO DALE ST.	RELAY					XXXXX			
95	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	RE-LINE					XXXXX			Dual Mains (8" & 15")
96	SOUTH 18TH ST. - WESTERN TO WOLLMER ST.	RE-LINE					XXXXX			449' - 8" Relining
97	MENASHA AVE. - N. 11TH TO WALDO	RELAY					XXXXX			W.W.T.F.
98	NORTH 12TH ST. - WALDO TO FAIRMONT ST.	RELAY					XXXXX			W.W.T.F.
99	PARK ST. - NORTH 10TH TO WEST	REPAIR					XXXXX			
100	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RE-LINE						XXXXX		Re-Line 1,551 LF - 18" Pipe
101	JOHNSTON DR. - REED AVE. TO E. MAGNOLIA AVE.	RELAY						XXXXX		831' - 8" Relining
102	SOUTH 17TH ST. - WASHINGTON TO MARSHALL ST.	RE-LINE						XXXXX		W.W.T.F.
103	SOUTH 20TH STREET - FRANKLIN TO WASHINGTON	RE-LINE						XXXXX		W.W.T.F.
104	NORTH 5TH ST. - CLEVELAND TO NEW YORK AVE.	RE-LINE						XXXXX		W.W.T.F.
105	NORTH 5TH ST. - NEW YORK AVE. TO PINE ST.	RE-LINE						XXXXX		W.W.T.F.
106	NORTH 6TH ST. - PARK ST. TO CLEVELAND AVE.	RE-LINE						XXXXX		W.W.T.F.
107	NORTH 10TH ST. - SCHOOL TO CHERRY RD.	RELAY						XXXXX		Laterals Only, Mainline Relined in 2007
108	NORTH 23RD ST. - FAIRMONT TO MENASHA AVE.	RE-LINE						XXXXX		1,547 LF - 12"
TOTAL FOR SANITARY SEWERS:			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0
GRAND TOTAL FOR INTERCEPTORS, LIFT STATIONS & ANNUAL SANITARY SEWERS			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

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NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
STORMWATER MANAGEMENT PROGRAM										
109	COMPREHENSIVE STORMWATER ENGINEERING STUDY		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		
110	DEWEY ST. POND - FENCE								XXXXX	Per a Request, 2,700'
111	ILLCIT DISCHARGE DETECTION & ELIMINATION									
112	POLLUTION PREVENTION PROGRAM									
113	REVISE STORMWATER MANAGEMENT PLAN				XXXXX					Update the 2000 & 2006 Earth Tech Plan
114	REVISE STORMWATER QUALITY PLAN				XXXXX					Update the 2006 MSA Plan
STORMWATER QUALITY - BMP'S FOR DNR MS-4 PERMIT										
115	DESIGN STORMWATER POND ON SE COR. N. 8TH & ALBERT DR.					XXXXX				POND # 111 IN MSA REPORT, DNR CONST. GRANT Indian Creek Park - Parking Lot
116	CONSTRUCT STORMWATER POND S.E. CORNER N. 8TH & ALBERT						XXXXX			To Serve Woodridge Subd. No. 6, Wild Oak Dr. & the Proposed Indian Creek Park Parking Lot
117	CONSTRUCT STORMWATER POND S.W. CORNER DUFEK & WEST								XXXXX	BMP RANKING # 16
118	DUFEK DR. POND - VEGETATIVE PLANTINGS - NATIVE PRAIRE								XXXXX	Construction
TOTAL FOR STORMWATER MANAGEMENT:			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

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NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
STORM SEWER										
119	ANNUAL MINI-STORM SEWER PROGRAM	NEW	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		\$500 CONNECTION FEE PER SUMP PUMP ASSUME COST OF \$3,000 PER SUMP
120	ALLEY - MICHIGAN, PROSPECT, N. 19TH, N. 20TH	RE-LINE	XXXXX							
121	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RELAY	XXXXX							
122	AHRENS ST. - N. 12TH TO N. 16TH ST. (MINI-SEWER)	NEW	XXXXX							
123	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS	XXXXX							YMCA, BEST WESTERN, S. 26TH
124	BLUE RAIL BEACH - STORM SEWER REALIGNMENT	NEW		XXXXX						FUND FOR LAKE MICHIGAN GRANT
125	SOUTH 10TH ST. - DEWEY TO VIEBAHN ST.	RELAY		XXXXX						
126	W. CRESCENT DRIVE - WALDO to SOUTH	RELAY			XXXXX					
127	E. CRESCENT DRIVE - WALDO to SOUTH	RELAY			XXXXX					
128	SCHOOL ST. - N. 8TH TO N. 10TH ST.	RELAY			XXXXX					UPSIZE TO REDUCE FLOODING ON ORCHARD DR.
129	SOUTH 15TH STREET - FRANKLIN TO WASHINGTON ST.	NEW			XXXXX					
130	SOUTH 16TH STREET - FRANKLIN TO WASHINGTON ST.	RELAY			XXXXX					
131	GREEN STREET - SOUTH 16TH TO SOUTH 18TH ST.	REPAIR			XXXXX					
132	SOUTH 7TH STREET - MARSHALL TO MADISON ST.	REPAIRS			XXXXX					Replace Inlets & Leads at Marshall & Hamilton
133	SOUTH 30TH STREET - DIVISION TO DEWEY	RELAY			XXXXX					
134	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS			XXXXX					
135	E. ALBERT DRIVE - EAST OF JOHNSTON DRIVE	REPAIRS				XXXXX				
136	MEADOW COURT - MEADOW LANE TO MACARTHUR DRIVE	RELAY				XXXXX				Upsize sewer,
137	SOUTH 13TH STREET - FRANKLIN TO WASHINGTON ST.	NEW				XXXXX				
138	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	REPAIRS				XXXXX				
139	MACARTHUR DR. - W. OF MEADOW CT. TO DALE ST.	RELAY					XXXXX			
140	SOUTH 7TH STREET - JAY TO MARSHALL ST.	REPAIRS					XXXXX			
141	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	REPAIR					XXXXX			
142	MENASHA AVE. - N. 11TH TO WALDO	RELAY					XXXXX			
143	NORTH 12TH ST. - WALDO TO FAIRMONT ST.	RELAY					XXXXX			30" pipe to Low Point is part of Wilson Bowl Proj.
144	LANCER CIRCLE -	RELAY					XXXXX			
145	SOUTH 18TH ST. - WESTERN TO WOLLMER ST.	REPAIR					XXXXX			
146	PARK ST. - NORTH 10TH TO WEST	REPAIR					XXXXX			
147	SOUTH 10TH ST. - DEWEY TO MANITOU STREET	RELAY						XXXXX		
148	SOUTH 17TH ST. - WASHINGTON TO MARSHALL ST.	REPAIR						XXXXX		
149	SOUTH 20TH ST. - FRANKLIN TO WASHINGTON ST.	REPAIR						XXXXX		
150	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RELAY						XXXXX		
151	JOHNSTON DR. - REED AVE. TO E. MAGNOLIA AVE.	RELAY						XXXXX		
152	NORTH 10TH ST. - SCHOOL TO CHERRY RD	RELAY						XXXXX		UPSIZE TO REDUCE FLOODING ON ORCHARD DR.
153	NORTH 23RD ST. - FAIRMONT TO MENASA AVE.							XXXXX		
TOTAL FOR STORM SEWERS:			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		\$0

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NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
WATER MAIN (CITY DEVELOPMENT ONLY)										
154	FESSLER DRIVE - LOOP STREET NORTH & SOUTH OF VITS DR	NEW							XXXXX	T.L.F. 1,300 LF @ \$70/LF,
155	WALDO & I-43 INTERSECTION	NEW							XXXXX	T.L.F.
TOTAL FOR WATER MAINS:			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0
DOCKS & HARBOR										
MARINA -										
156	MAIN PARKING LOT		XXXXX		XXXXX					Patches, crackfilling & slurry seal & striping (33,000 SY) Prop. Reconstr. Of south half of lot, Possible Grant
157	DESIGN SERVICES FOR DOCK REPLACEMENT		XXXXX							
158	DOCK "E" REPLACEMENT		XXXXX							
159	BLUE RAIL PARKING LOT							XXXXX		Patches, crackfilling & slurry seal & striping (3,500 SY) Parallel & Abutting the Blue Rail Pier
160	DREDGING					XXXXX				
CAR FERRY -										
161	DOCKWALL REPLACEMENT			XXXXX						HAP GRANT MONEY
162	PARKING LOT					XXXXX				Whitetopping ??
163	SHORE PROTECTION (RIP RAP)					XXXXX				
MANITOWOC RIVER -										
164	STEEL SHEETING REPAIR BEHIND THE FORMER WF&L BLDG.								XXXXX	
165	STEEL SHEETING									
166	10TH ST. BRIDGE TO THE WEST - (NORTH SIDE)								XXXXX	Estimate 1,200 LF @ \$2,100/LF, 2006 ROLL-OVER
167	CLOSE OFF THE OLD BOAT LAUNCH SITE BY BEST WESTERN INN								XXXXX	75 LF Sheetpiling, Approx. 2,000 CY of Fill
168	10TH ST. BRIDGE TO THE WEST - (SOUTH SIDE)								XXXXX	Estimate 1,700 LF @ \$1,500/LF
169	STATE ST. TO 400 FT. SOUTH AND 450 FT. NORTH								XXXXX	Estimate 1,200 LF @ \$1,500/LF
TOTAL FOR HARBOR & DOCKS:			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

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NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
MISCELLANEOUS CAPITAL WORKS:-										
170	NEW CONCRETE SIDEWALK PROGRAM		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		
171	REMOVE & REPLACE CONCRETE SIDEWALK PROGRAM		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		
172	PAVEMENT MARKING PROGRAM (EPOXY PAINT)		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		
173	CONCRETE CURB & GUTTER REPAIR/REPLACE PROGRAM		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		
174	RAILROAD CROSSING REPAIR PROGRAM		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		End Of Life Funds
175	HOMESTEAD RD. - KNUELL ST. TO RED FOX LN.	G&G			XXXXX					Grading & Graveling - Request from Owner
176	GRAVEL PIT		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		Continuing DNR Mandate, Remediation
177	TRAFFIC SIGNALS - REPLACE FAILED LOOP DETECTORS				XXXXX					Calumet/S. 41ST, End of Life Funds
178	TRAFFIC SIGNALS - REPLACE CONFLICT MONITORS		XXXXX		XXXXX	XXXXX	XXXXX			Replace Approx. 10 conflict monitors each year
179	TRAFFIC SIGNALS - REPLACE LED LIGHTS				XXXXX	XXXXX	XXXXX			Replace Approx. 20 Intersections each year
180	NORTH 8TH ST. @ WALDO - SIGN BRIDGE REPLACEMENT			XXXXX						End Of Life Funds POUR 2 NEW BASES AND MOVE, End Of Life Funds
181	NORTH 8TH ST. BRIDGE OVER LITTLE MANITOWOC RIVER	PATCH DECK	XXXXX							Patching Delaminated Deck Areas & Sealing Deck
182	BROADWAY ST. BRIDGE - REPLACE EAST ABUT. EXPANSION JOINT		XXXXX							
183	SEALING BRIDGE DECKS -				XXXXX					REVERE, BROADWAY, 21ST, & MARITIME
184	MILL RD. BRIDGE - TUCK POINTING EAST ABUTMENT		XXXXX							
185	8TH & 10TH ST. BRIDGE - EVALUATE & RECOMM. SOFTWARE UPGRADE & EQUIPMENT									15,000
186	8TH & 10TH ST. BRIDGE - PLANS & SPECIFICATIONS FOR REPLACEMENT OF SOFTWARE & EQUIPMENT		XXXXX							
187	8TH & 10TH ST. BRIDGE - REPLACEMENT OF SOFTWARE & EQUIPMENT					XXXXX				
188	10TH STREET BRIDGE - REPAINTING DESIGN, PLANS & SPECS.			XXXXX						
189	10TH STREET BRIDGE - REPAINTING				XXXXX					Repaint the Bascule Spans of the Bridge
190	GIS MAPPING (ORTHOPHOTOS & PLANIMETRICS)						XXXXX			Last Aerials in 2010, Surdex - 2014 Flight Receive Aerials, Planimetric & Topos. In 2015
191	SIDEWALKS N. 8TH ST. - RR TRACKS TO INDIAN CREEK DR. (Const.)					XXXXX				
TOTAL FOR MISCELLANEOUS CAPITAL WORKS			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

SCHEDULE "A"

CAPITAL WORKS PROGRAM WORK SHEET----CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
MARITIME METRO TRANSIT SYSTEM										
192	REPLACE 5 - 35 FOOT COACHES		XXXXX							Assume 80% Federal Funding
193	REPLACE 2 - 35 FOOT COACHES			XXXXX						Assume 80% Federal Funding
194	REPLACE 2 - 35 FOOT COACHES				XXXXX					Assume 80% Federal Funding
195	REPLACE TRANSIT DRIVERS VAN					XXXXX				Assume 80% Federal Funding
196	PARATRANSIT VAN						XXXXX			Assume 80% Federal Funding
TOTAL FOR MARITIME METRO TRANSIT			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

SCHEDULE "A"

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
BUILDINGS AND GROUNDS										
CITIZENS PARK - AQUATICS CENTER										
197	POOL CAULKING		XXXXX							
198	VGBA DRAINAGE GRATES					XXXXX				
CITIZENS PARK - ARMORY BUILDING										
199	PARTIAL ROOF REPLACEMENT				XXXXX					
200	SIDING REPLACEMENT				XXXXX					
201	ADA PROJECTS				XXXXX					
202	GYM FLOOR REFINISHING					XXXXX				
203	PLANS & SPECS. TO REMODEL 1ST FLOOR OFFICE AREA					XXXXX				
204	INTO MULTI-PURPOSE RENTABLE SPACE									
205	REMODEL 1ST FLOOR OFFICE AREA INTO MULTI-PURPOSE						XXXXX			
206	RENTABLE SPACE									
CITY HALL										
207	REPLACEMENT OF TRUCK #907 (1997 FORD)				XXXXX					
208	REPLACEMENT OF TRUCK #908					XXXXX				
DPW BUILDING										
209	SECURITY CAMERAS				XXXXX					
210	HVAC - VEHICLE STORAGE GARAGE		XXXXX							Carry Forward
HALVERSON PARK										
211	REPAIR RESTROOM BUILDING									
LIFT STATION										
212	S. 19TH ST. - ROOF REPLACEMENT				XXXXX					
LINCOLN PARK & ZOO										
213	ZOO SECURITY CAMERAS		XXXXX							
214	BEAR & CAT ROOFS				XXXXX					
215	FIELDHOUSE ROOF REPLACEMENT				XXXXX					
216	ZOO STORAGE GARAGE				XXXXX					
MARINA FACILITIES										
217	REPLACEMENT OF "E" DOCK		XXXXX							
218	REPAIR AND PAINT ADMIN. BLDG.			XXXXX						
219	DECK REPLACEMENT - DOCKS A, B, C & D			XXXXX						
220	GAS HUT REPAIR									
221	2ND FLOOR MEN'S RESTROOM - FLOOR REPAIR									
222	PAINT LIGHT POLES				XXXXX					
223	DOCK GATE REPAIRS									

SCHEDULE "A"

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
RAHR-WEST MUSEUM										
224	CARPET REPLACEMENT				XXXXX					
225	BOILER REPLACEMENT				XXXXX					
226	SIDING/ARCHITECTURAL DETAIL REPAIR		XXXXX							Carry Forward
227	AUGMENT CAMERA SECURITY SYSTEM				XXXXX					
228	HVAC - ROOF TOP UNITS				XXXXX					
229	WALL SURFACE REPLACEMENT				XXXXX					
230	LANDSCAPING				XXXXX					
231	EXTERIOR PAINT						XXXXX			
SAFETY BUILDING										
232	ENLARGE MAIN OVERHEAD DOOR		XXXXX							
233	ENVELOPE REPAIRS				XXXXX					
234	BUILDING AUTOMATION SYSTEM				XXXXX					
235	CENTRAL CHILLER REPLACEMENT				XXXXX					
236	LIGHTING UPGRADE				XXXXX					
237	BOILER REPLACEMENT				XXXXX					
238	CARPETING				XXXXX					
SENIOR CENTER										
239	BOILER REPLACEMENT				XXXXX					
240	ACCORDION ROOM DIVIDERS				XXXXX					
241	HANDICAP DOOR OPENERS				XXXXX					
242	CONVENTION OVEN				XXXXX					
243	LIGHTING UPGRADE				XXXXX					
SILVER CREEK PARK										
244	FIELDHOUSE - WINDOW REPLACEMENT (PARTIAL)		XXXXX							Carry Forward
245	FIELDHOUSE - RENOVATIONS			XXXXX						
TOTAL FOR BUILDING & GROUNDS			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

SCHEDULE "A"

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
DPW MACHINERY AND EQUIPMENT										
246	Replace 2000 Ford Escort		XXXXX							
247	Two New Dump Beds fro One Ton Trucks (#32 & #34)		XXXXX							
248	1988 Landa 3000 Steamer/Pressure Washer		XXXXX							
249	Two Arrow Board Trailers (#197 & #198)		XXXXX							
250	1998 Volvo Front End Loader w/ Plow, Wing & Grapple Bucket			XXXXX						
251	Snowblower = 79 Klauer-Snogo			XXXXX						
252	Replace #11 - (1999 Ford Taurus)				XXXXX					
253	4 x 4 Ranger Supercab Pickup Truck = 2003 Ford				XXXXX					
254	4 x 4 Ranger Supercab Pickup Truck = 2003 Ford				XXXXX					
255	4 x 4 Ranger Supercab Pickup Truck = 2003 Ford				XXXXX					
256	Tire Machine				XXXXX					
257	Pelican Sweeper = 99 Elgin				XXXXX					
258	DECK FOR CALCIUM CHLORIDE TANK					XXXXX				
259	1-Ton Flatbed = 95 Chevrolet					XXXXX				
260	4 x 4 Diesel Tractor w/Plow and Mower Deck = 95 John Deere					XXXXX				
261	4 x 4 Diesel Tractor w/Plow and Mower Deck = 95 John Deere					XXXXX				
262	1 Ton Service Truck = 95 Chevrolet					XXXXX				
263	1 Ton Flatbed Truck = 95 Chevrolet					XXXXX				
264	1997 Chev. C8500 (#42)					XXXXX				
265	Tractor/Loader/Backhoe = 99 Ford						XXXXX			
266	Whirlwind Sweeper (2008 Elgin)						XXXXX			
267	Whirlwind Sweeper (2008 Elgin)						XXXXX			
268	Crew Cab 4-Door 4 x 4 Pickup Truck = 94 Ford						XXXXX			
269	2003 Tandum 10 Yrd. Truck w/plow & wing (#73)							XXXXX		
270	2003 Tandum 10 Yrd. Truck w/plow & wing (#78)							XXXXX		
271	2001 Vac-Con Jetter (Trk #54)							XXXXX		
272	2002 John Deere Bucket Tractor #103								XXXXX	
273	2002 John Deere Bucket Tractor #105								XXXXX	
274	5 Yard Dump Truck with Plow and Lodal Attachment = 03 International								XXXXX	
TOTAL FOR DPW MACHINERY & EQUIPMENT			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

SCHEDULE "A"

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
CEMETERY MACHINERY AND EQUIPMENT										
275	4x4 1 Ton Dump Truck w/8' plow = 2001 Dodge				XXXXX					
276	JOHN DEERE LOADER-BACKHOE (1994 John Deere)					XXXXX				
TOTAL FOR CEMETERY MACHINERY & EQUIPMENT			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0
PARKS MACHINERY AND EQUIPMENT										
277	Vermeer Brush Chipper (1997)		XXXXX							
278	3/4-Ton 4x4 Pickup Truck w/Plow = 1996 Chevrolet		XXXXX							
279	C8500 Refuse Collection Truck (2001)		XXXXX							
280	Trackless MT5 4x4 (2000)			XXXXX						
281	Trackless MT5 4x4 (2000)				XXXXX					
282	Ranger 4x4 Pickup Truck for Zoo = 2003 Ford				XXXXX					
283	C2500 Chassis Cab Pickup Truck = 1997 Chevrolet				XXXXX					
284	Ram 2500 4x4 Pickup Truck = 1999 Dodge				XXXXX					
285	Ram 2500 4x4 Pickup Truck = 1999 Dodge				XXXXX					
286	Ram 2500 4x4 Pickup Truck = 1999 Dodge				XXXXX					
287	F350 Chassis Cab 1-Ton Dump Truck w/salt unit = 97 Ford					XXXXX				
288	John Deere 4 Wheel Drive Tractor (1992 John Deere)					XXXXX				
289	4x4 Tractor w/LDR/Mower/Tiller = 1995 John Deere					XXXXX				
290	4x4 Diesel Tractor w/loader/grapple = 2004 Case					XXXXX				
291	C7500 Aerial Bucket Truck = 1999 Chev.						XXXXX			
291	Single Axle Dump Truck w/plow = 1993 GMC (#643)							XXXXX		
292	LAWN MOWERS		XXXXX	XXXXX	XXXXX	XXXXX				
293	ZTRAK RIDING LAWN MOWERS (2)		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		
TOTAL FOR PARKS MACHINERY & EQUIPMENT			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

SCHEDULE "A"

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
	PARKS & REC. DEPT.									
	BLUE RAIL BEACH									
	CAMP VITS PARK									
294	Vault Restrooms				XXXXX					Grant &/or Donations ??
	CITIZENS PARK									
295	3 Tennis Courts & 2 Basketball Courts Restore (Tiles)			XXXXX						
296	Fence Repairs & Replacement on Diamonds 2 & 3				XXXXX					
297	Playground Replacement & ADA Access					XXXXX				
298	Diamond Laser Grading						XXXXX			
	DALE STREET PARK									
299	Open Air Shelter								XXXXX	
	DEWEY STREET PARK									
300	ADA Accessible Protective Playground Surface - Phase II			XXXXX						
301	Complete Skateboard Park								????	
	EVERGREEN CEMETERY									
302	Surveying/Staking for Corner Markers in Section X				XXXXX					
304	Asphalt Paving (Mill & Overlay) Sections B & S						XXXXX			
305	Waterline Replacement								XXXXX	
	FLEETWOOD DRIVE - PARK'S DEPT. SHOP									
306	Entrance Roadway Reconstruction				XXXXX					175' Entrance - 825 SY - 8" Doweled Concrete Pavement
307	Parking Lot Reconstruction					XXXXX				Remainder of Area is approx. 15,300 SY
	FLEETWOOD PARK									
308	Tennis Courts (Color Surface Only)						XXXXX			Resurface & Repaint
309	Open Air Shelter								XXXXX	
	HALVERSON PARK									
310	Playground Replacement & ADA Access							XXXXX		
	INDIAN CREEK PARK									
311	Pedestrian Bridge on N.W. Corner of the Park				XXXXX					
312	Parking Lot							XXXXX		
313	Restroom Facilities							XXXXX		

SCHEDULE "A"

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
LINCOLN PARK										
314	Roadways - South Loop				XXXXX					Including Zoo Parking Lot
315	Roadways - North Loop					XXXXX				Add Additional Parking Area by Tennis Courts
316	Watermain Loop - N. 8th to Reed Ave.					XXXXX				
317	Tennis Court Bridge Repairs						XXXXX			
LINCOLN PARK ZOO										
318	Reed Ave. Parking Lot							XXXXX		Asphalt Paving
319	Roadway - Reed Ave. Parking Lot to Concession Stand				XXXXX					Parking Lot (450 x 12)
320	Diamond Laser Grading					XXXXX				8" Concrete Pavement
MARINERS TRAIL										
321	E. Reed Ave. to 700 ft. South			XXXXX						Reconstruction - same location & width
MUNICIPAL FIELD										
322	Parking Lot				XXXXX					Asph. Patching, Crackfilling, Sealing & Re-Striping
323	Install Sump Pits & Repair Pipe for Storm Water				XXXXX					
RED ARROW PARK & BEACH										
324	Entertainment Stage			XXXXX						
325	Replace Fence on 1 Ball Diamond						XXXXX			
326	Diamond Laser Grading							XXXXX		
RHEAUME PARK										
327	Parking Lot Reconstruction				XXXXX					
328	Storm Sewer North of Parking Lot				XXXXX					
RIVERVIEW PARK										
329	Playground Replacement with ADA Access						XXXXX			
SCHUETTE PARK										
330	Fence Replacement									
331	Lower Schuette Park Trail Culvert Repair		XXXXX							
332	Trail Restoration			XXXXX						Wood Chips & Gravel paths
333	Stairway				XXXXX					Replace Exist. Wood Steps, Connect Lower to Uppe
334	Removal of Old Fitness Equipment					XXXXX				
SILVER CREEK PARK										
335	Bridge Repairs to 3 Bridges					XXXXX				
336	Replace 5 Outdoor Water Fountains					XXXXX				
337	Trail Repairs							XXXXX		

SCHEDULE "A"

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
SILVERIDGE PARK										
338	Playground Equipment					XXXXX				
339	Rest Rooms & Open Air Shelter						XXXXX			Similar to Manitou Park
WASHINGTON PARK										
340	Playground Replacement & ADA Access				XXXXX					
WESTFIELD PARK										
341	Diamond Laser Grading				XXXXX					
342	Replace Non-Compliant Bleachers				XXXXX					
343	Replace or Repair Diamond Fence							XXXXX		
OTHER MISC. CAPITAL IMPROVEMENTS										
344	Comprehensive Outdoor Plan Update		XXXXX							
345	Replace Bleachers		XXXXX		XXXXX					West Field & Municipal Field
346	Repair or Replace Basketball Hoops						XXXXX			
347	Ball Diamond - Line Painting Machine									
348	30 Benches for Tennis Courts & Repl. of Rental Benches		XXXXX		XXXXX	XXXXX				Replace 30 Each Year
349	Ball Diamond Light Fixture Hardware Replacement		XXXXX							
TOTAL FOR PARKS			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0
GRAND TOTAL			XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	N/A	\$0

NOTES: 1) ALL COSTS ARE 2016 DOLLARS