

Revised 12/19/16 G.J.M.

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	345,000							PASER CR-4, Priority Ranking 10.6, Orig. Pav't. 1976
2	FESSLER DRIVE - EAST END CUL-DE-SAC	NEW	138,000							T.I.F. ?
3	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R	115,000							Michigan Ave., Fleetwood Dr., & Menasha Ave., 8th St.
4	S. 36TH ST. - CALUMET AVE. TO 180 FEET SOUTH	RECONST.		120,750						Paved 1977, PASER CR-7
5	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R		383,500						
6	W. CRESCENT DRIVE - WALDO BLVD. TO SOUTH	RECONST.			304,750					Paved 1973, PASER CR-4, Priority Ranking 10.6
7	E. CRESCENT DRIVE - WALDO BLVD. TO SOUTH	RECONST.			265,000					Paved 1973, PASER CR-4, Priority Ranking 10.6
8	PHEASANT LANE - E. CRESCENT DRIVE TO 125 FEET EAST	RECONST.			55,000					Paved 1973, PASER CR-4, Priority Ranking 3.3
9	SOUTH 15TH ST. - FRANKLIN TO WASHINGTON	RECONST.			375,000					After Mirro Demolition, CR-6
10	SOUTH 16TH ST. - FRANKLIN TO WASHINGTON	RECONST.			375,000					After Mirro Demolition, CR-4
11	MEMORIAL & LILAC DR. - ISLAND MODIFICATIONS	RECONST.				115,000				Per Businesses & County Request
12	E. ALBERT DRIVE - JOHNSTON DR. TO EAST	RECONST.				330,000				PASER CR-3, Orig. Const. 1979
13	SOUTH 13TH ST. - FRANKLIN TO WASHINGTON	RECONST.				275,000				1992 Resurfacing 7, CR-4
14	DUFEK DRIVE - WEST DRIVE TO 500 FEET NORTH	R&R				150,000				500 ft. x 24 ft. slab replacement, Orig. Paved 1990
15	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R				125,000				
16	MACARTHUR DR. - 150 FT. WEST OF MEADOW CT. TO DALE ST.	RECONST					525,000			PASER CR-4, Orig. Const. 1963
17	NORTH 12TH ST. - WALDO BLVD. TO FAIRMONT ST.	RECONST					260,000			G.M. 8/11/04, Coordinate w/ Waldo Reconstr.
18	MENASHA AVENUE - NORTH 11TH ST. TO WALDO BLVD.	RECONST					305,000			Per G.M. 9/20/04, Coordinate w/ Waldo Reconstr.
19	LANCER CIRCLE - SOUTH & WEST LEGS	RECONST					350,000			
20	NORTH 10TH ST - SCHOOL ST. TO CHERRY RD.	RECONST						295,000		1959 Pavement, PASER CR-4 & 5
21	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RECONST						660,000		PASER CR-5
22	NORTH 23RD ST - FAIRMONT TO MENASHA AVE.	RECONST						675,000		1954 Pavement, PASER CR-4
TOTAL FOR ANNUAL CITY PAVING PROGRAM			\$598,000	\$484,250	\$1,374,750	\$995,000	\$1,440,000	\$1,630,000	N/A	\$6,522,000

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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	63,250							1996 Overlay, PASER CR-3
24	ALLEY BOUNDED BY LINCOLN, N. 8TH, PINE & WALDO	RECONSTR.	46,000							EAST & NORTH LEGS, Extend N. Leg 50 feet, CR-2, 3
25	ALLEY BOUNDED BY N. 19TH, N. 20TH, MICHIGAN, PROSPECT	RECONSTR.	51,750							CR-3
26	SPRINGHILL DRIVE - WOODLAWN DR. TO WEST	OVERLAY		165,000						1989 Sealcoat, PASER CR-2
27	EDGEWOOD LN - 140' W. OF BROOKFIELD TO W. CUSTER	OVERLAY		103,500						San. Installed In 2005., PASER CR-4
28	ALLEY BOUNDED BY N. 7TH, N. 8TH, REED AVE., MAGNOLIA AVE.	RECONSTR.		57,500						CR-4, Drainage Complaints, Incl. \$23K for Stm. Swr.
29	MARSHALL ST. - S. LAKE ST. TO S. 7TH ST.	OVERLAY			40,250					Mill & Overlay North & South Parking Lane, CR-5
30	NW FRONTAGE RD. - DUFEK DR. TO I-TEC DRIVE	OVERLAY			80,000					PASER CR-3
31	GREEN ST. - S. 18TH TO S. 18TH ST.	OVERLAY			90,000					1999 Sealcoat, PASER CR-5
32	SOUTH 7TH ST. - MARSHALL TO MADISON ST.	OVERLAY			160,000					1994-1995 Sealcoat, PASER CR-5
33	SOUTH 15TH ST. - CLARK TO FRANKLIN ST.	OVERLAY			95,000					1997 Sealcoat, PASER CR-5
34	WASHINGTON ST. - SOUTH 25TH TO SOUTH 26TH ST.	OVERLAY			45,000					1999 SealCoat, PASER CR-5
35	FARMER'S MARKET PARKING LOT	OVERLAY				250,000				
36	MEADOW COURT - MEADOW LN. TO MACARTHUR DR.	OVERLAY				50,000				PASER CR-5, Relay San. & Stm. Sewers
37	DIVISION ST. - SOUTH 10TH TO SOUTH 14TH ST.	OVERLAY				150,000				Last Treatment 1995, CR-5
38	NORTH 19TH ST. - MICHIGAN AVE. TO PROSPECT AVE.	OVERLAY				40,000				1999 SealCoat, PASER CR-6
39	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	OVERLAY				20,000				1999 SealCoat, PASER CR-4
40	SOUTH 7TH ST. - JAY ST. TO MARSHALL ST.	OVERLAY					145,000			1996 Sealcoat, PASER CR-5
41	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	OVERLAY					100,000			PASER CR-5
42	SOUTH 18TH ST. - WESTERN AVE. TO WOLLMER ST.	OVERLAY					55,000			PASER CR-5, 2001 Seal Coat
43	S. ALVERNO RD. - W. CUSTER ST. TO DUTCH RD.	OVERLAY					85,000			1995 SealCoat, PASER CR-5
44	PARK ST. - NORTH 10TH TO WEST	OVERLAY					30,000			1981 Overlay, PASER CR-3
45	BROADWAY ST. - MICHIGAN AVE. TO 1,450 FT. SOUTHEAST	OVERLAY					90,000			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						115,000		1973 Pav't., Seal Coat In 1992 & 2003, CR-6
47	NORTH 5TH ST. - NEW YORK AVE. TO PINE ST.	OVERLAY						115,000		1976 Pav't., Seal Coat In 1992 & 2003, CR-6
48	NORTH 6TH ST. - PARK ST. TO CLEVELAND AVE.	OVERLAY						250,000		1975 Pav't., Seal Coat In 1993 & 2003, CR-5
49	SOUTH 17TH ST. - WASHINGTON TO MARSHALL	OVERLAY						70,000		PASER CR-5
50	SOUTH 20TH ST. - FRANKLIN TO WASHINGTON ST.	OVERLAY						70,000		1996 Sealcoat, PASER CR-5
51	NE FRONTAGE RD. - RAPIDS RD. TO I-43	OVERLAY						70,000		PASER CR-4 ??
TOTAL FOR ANNUAL CITY RESURFACING PROGRAM			\$161,000	\$326,000	\$510,250	\$510,000	\$505,000	\$690,000	N/A	\$2,702,250

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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
CITY ARTERIAL/COLLECTOR PROGRAM:-										
52	DEWEY STREET - S. 26TH TO S. 35TH ST. (2,700 ft.)	RECONST	1,799,750							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	920,000							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		1,440,000						PASER CR-3 & 4, Complaints.
55	S. RAPIDS RD. - CALUMET AVE. TO 750 FT. NORTH	RECONST			425,000					Concurrent with planned Meijer Store opening 6/2018.
56	SOUTH 30TH ST. - 725' S. OF YORKSHIRE LN. TO DEWEY ST.	RECONST				488,750				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			\$2,719,750	\$1,440,000	\$425,000	\$488,750	\$0	\$0	N/A	\$5,073,500

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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				100,000				Constr. 2019, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
58	WALDO BLVD. - N. 5TH TO N. 8TH ST.	RECONSTR				100,000				Constr. 2019, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
59	WALDO BLVD. - N. 8TH TO FLEETWOOD DR.	RECONSTR				300,000	300,000			Constr. 2019/2020, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
60	WALDO BLVD. - FLEETWOOD TO N. RAPIDS RD.	RESURFACE					100,000			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					150,000			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	\$500,000	\$550,000		N/A	
GRAND TOTAL COST FOR D.O.T. PROJECTS			\$0	\$0	\$0	\$500,000	\$550,000	\$0	N/A	\$1,050,000
GRAND TOTAL FOR ALL PAVING PROJECTS			\$3,478,750	\$2,250,250	\$2,310,000	\$2,493,750	\$2,495,000	\$2,320,000	N/A	\$15,347,750

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

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
SANITARY INTERCEPT SEWERS, LIFT STATIONS, & FORCE MAINS										
62	ABANDON LAWTON TERR. LIFT STATION W/INTERCEPT SEWER	NEW	450,000							Need Easements, Permits, Welland Delineation
63	SOUTH 14TH STREET LIFT STATION	UPGRADE			400,000					Per Foth & VanDyke Report (11/02)
64	SOUTH 19TH STREET LIFT STATION	DESIGN					50,000			Per Foth & VanDyke Report (11/02)
65	SOUTH 19TH STREET LIFT STATION	UPGRADE						350,000		
TOTAL FOR SANITARY INTERCEPT SEWERS:			\$450,000	\$0	\$400,000	\$0	\$50,000	\$350,000	N/A	\$1,250,000
ANNUAL SANITARY SEWER PROGRAM										
66	INFILTRATION & INFLOW (I&I) STUDY AREAS, REHAB PROJECTS		30,000	30,000	30,000					Flow Metering Project, Manhole Sealing
67	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RELAY	70,000							AREAS WITH 1950'S 1960'S CONC. PIPE LOCATIONS TOO DEEP FOR DPW CREWS
68	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE	350,000							
69	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS	75,000							
70	WALDO BLVD. SPECS. FOR DOT CONTRACT			50,000						MAINLINE ONLY & RECONNET LATERALS 519' - 8" Relining
71	SOUTH 10TH ST. - DEWEY ST. TO MANITOU ST.	RELAY		250,000						
72	SCHOOL ST. - N. 8TH TO HAGLE AVE.	RE-LINE		15,000						
73	WALDO BLVD. SIDE STREETS - RE-LINING	RE-LINE		240,000						AREAS WITH 1950'S 1960'S CONC. PIPE LOCATIONS TOO DEEP FOR DPW CREWS
74	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE		200,000						
75	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS		75,000						
76	WALDO BLVD. EASEMENT N. 9TH to N. 11TH ST.	RE-LINE			100,000					W.W.T.F., 21 Inch Pipe
77	E. & W. CRESCENT DRIVE - WALDO TO SOUTH	LATERALS			50,000					W.W.T.F., Relay Laterals
78	HOMESTEAD RD. - KNUELL ST. TO RED FOX	NEW			50,000					
79	SOUTH 15TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY			90,000					W.W.T.F.
80	SOUTH 16TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY			90,000					W.W.T.F.
81	SOUTH 15TH ST. - CLARK TO FRANKLIN ST.	RE-LINE			40,000					W.W.T.F.
82	SOUTH 30TH STREET - DIVISION TO DEWEY	REPAIRS			30,000					W.W.T.F.
83	GREEN STREET - S. 16TH TO S. 18TH ST.	RE-LINE			22,500					W.W.T.F.
84	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE			250,000					AREAS WITH 1950'S 1960'S CONC. PIPE
85	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS			75,000					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				625,000				RELAY MAINLINE AND LATERALS
87	NORTH 19TH ST. - MICHIGAN AVE. TO PROSPECT AVE.	RE-LINE				25,000				
88	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	RE-LINE				25,000				
89	SOUTH 13TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY				90,000				W.W.T.F.
90	MEADOW COURT - MEADOW LANE TO MACARTHUR DRIVE	RELAY				50,000				W.W.T.F.,
91	DIVISION ST. - S. 10TH TO S. 14TH ST.	RELINE				50,000				
92	WALDO BLVD. - NORTH 17TH TO FLEETWOOD DR.	RELAY					385,000			RELAY MAINLINE AND LATERALS
93	LANCER CIRCLE - SOUTH & WEST LEGS	RE-LINE					50,000			Re-Line??? & Laterals
94	MACARTHUR DR. - MEADOW CT. TO DALE ST.	RELAY					150,000			
95	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	RE-LINE					30,000			Dual Main (8" & 15")
96	SOUTH 18TH ST. - WESTERN TO WOLLMER ST.	RE-LINE					15,000			449' - 8" Relining
97	MENASHA AVE. - N. 11TH TO WALDO	RELAY					65,000			W.W.T.F.
98	NORTH 12TH ST. - WALDO TO FAIRMONT ST.	RELAY					70,000			W.W.T.F.
99	PARK ST. - NORTH 10TH TO WEST	REPAIR					5,000			
100	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RE-LINE						100,000		Re-Line 1,551 LF - 18" Pipe
101	JOHNSTON DR. - REED AVE. TO E. MAGNOLIA AVE.	RELAY						35,000		831' - 8" Relining
102	SOUTH 17TH ST. - WASHINGTON TO MARSHALL ST.	RE-LINE						25,000		W.W.T.F.
103	SOUTH 20TH STREET - FRANKLIN TO WASHINGTON	RE-LINE						25,000		W.W.T.F.
104	NORTH 5TH ST. - CLEVELAND TO NEW YORK AVE.	RE-LINE						35,000		W.W.T.F.
105	NORTH 5TH ST. - NEW YORK AVE. TO PINE ST.	RE-LINE						30,000		W.W.T.F.
106	NORTH 6TH ST. - PARK ST. TO CLEVELAND AVE.	RE-LINE						35,000		W.W.T.F.
107	NORTH 10TH ST. - SCHOOL TO CHERRY RD.	RELAY						20,000		Laterals Only, Mainline Relined In 2007
108	NORTH 23RD ST. - FAIRMONT TO MENASHA AVE.	RE-LINE						60,000		1,547 LF - 12"
TOTAL FOR SANITARY SEWERS:			\$525,000	\$860,000	\$827,500	\$865,000	\$770,000	\$365,000	N/A	\$4,212,500
GRAND TOTAL FOR INTERCEPTORS, LIFT STATIONS & ANNUAL SANITARY SEWERS			\$975,000	\$860,000	\$1,227,500	\$865,000	\$820,000	\$715,000	N/A	\$5,462,500

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NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
STORMWATER MANAGEMENT PROGRAM										
109	COMPREHENSIVE STORMWATER ENGINEERING STUDY		15,000	0	25,000	25,000	25,000	25,000		
110	DEWEY ST. POND - FENCE								35,000	Per a Request, 2,700'
111	ILLICIT DISCHARGE DETECTION & ELIMINATION									
112	POLLUTION PREVENTION PROGRAM									
113	REVISE STORMWATER MANAGEMENT PLAN				100,000					Update the 2000 & 2006 Earth Tech Plan
114	REVISE STORMWATER QUALITY PLAN				50,000					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.					50,000				POND # 111 IN MSA REPORT, DNR CONST. GRANT Indian Creek Park - Parking Lot
116	CONSTRUCT STORMWATER POND S.E. CORNER N. 8TH & ALBERT						500,000			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								850,000	BMP RANKING # 16
118	DUFEK DR. POND - VEGETATIVE PLANTINGS - NATIVE PRAIRE								35,000	Construction
TOTAL FOR STORMWATER MANAGEMENT:			\$15,000	\$0.	\$175,000	\$75,000	\$525,000	\$25,000	N/A	\$815,000

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STORM SEWER										
119	ANNUAL MINI-STORM SEWER PROGRAM	NEW	0	0	20,000	20,000	20,000	20,000		\$500 CONNECTION FEE PER SUMP PUMP ASSUME COST OF \$3,000 PER SUMP
120	ALLEY - MICHIGAN, PROSPECT, N. 19TH, N. 20TH	RE-LINE	25,000							
121	NORTH 8TH ST. - REED AVE. TO 700 FT. NORTH	RELAY	10,000							
122	AHRENS ST. - N. 12TH TO N. 16TH ST. (MINI-SEWER)	NEW	30,000							
123	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS	75,000							YMCA, BEST WESTERN, S. 26TH
124	BLUE RAIL BEACH - STORM SEWER REALIGNMENT	NEW		125,000						FUND FOR LAKE MICHIGAN GRANT
125	SOUTH 10TH ST. - DEWEY TO VIEBAHN ST.	RELAY		315,000						
126	W. CRESCENT DRIVE - WALDO to SOUTH	RELAY			57,500					
127	E. CRESCENT DRIVE - WALDO to SOUTH	RELAY			25,000					
128	SCHOOL ST. - N. 8TH TO N. 10TH ST.	RELAY			150,000					UPSIZE TO REDUCE FLOODING ON ORCHARD DR.
129	SOUTH 15TH STREET - FRANKLIN TO WASHINGTON ST.	NEW			75,000					
130	SOUTH 16TH STREET - FRANKLIN TO WASHINGTON ST.	RELAY			100,000					
131	GREEN STREET - SOUTH 16TH TO SOUTH 18TH ST.	REPAIR			10,000					
132	SOUTH 7TH STREET - MARSHALL TO MADISON ST.	REPAIRS			25,000					Replace Inlets & Leads at Marshall & Hamilton
133	SOUTH 30TH STREET - DIVISION TO DEWEY	RELAY			25,000					
134	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS			50,000					
135	E. ALBERT DRIVE - EAST OF JOHNSTON DRIVE	REPAIRS				25,000				
136	MEADOW COURT - MEADOW LANE TO MACARTHUR DRIVE	RELAY				50,000				Upsize sewer,
137	SOUTH 13TH STREET - FRANKLIN TO WASHINGTON ST.	NEW				75,000				
138	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	REPAIRS				10,000				
139	MACARTHUR DR. - W. OF MEADOW CT. TO DALE ST.	RELAY					115,000			
140	SOUTH 7TH STREET - JAY TO MARSHALL ST.	REPAIRS					75,000			
141	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	REPAIR					10,000			
142	MENASHA AVE. - N. 11TH TO WALDO	RELAY					75,000			
143	NORTH 12TH ST. - WALDO TO FAIRMONT ST.	RELAY					45,000			30" pipe to Low Point is part of Wilson Bowl Proj.
144	LANCER CIRCLE -	RELAY					115,000			
145	SOUTH 18TH ST. - WESTERN TO WOLLMER ST.	REPAIR					5,000			
146	PARK ST. - NORTH 10TH TO WEST	REPAIR					2,500			
147	SOUTH 10TH ST. - DEWEY TO MANITOU STREET	RELAY						300,000		
148	SOUTH 17TH ST. - WASHINGTON TO MARSHALL ST.	REPAIR						10,000		
149	SOUTH 20TH ST. - FRANKLIN TO WASHINGTON ST.	REPAIR						10,000		
150	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RELAY						200,000		
151	JOHNSTON DR. - REED AVE. TO E. MAGNOLIA AVE.	RELAY						25,000		
152	NORTH 10TH ST. - SCHOOL TO CHERRY RD	RELAY						75,000		UPSIZE TO REDUCE FLOODING ON ORCHARD DR.
153	NORTH 23RD ST. - FAIRMONT TO MENASHA AVE.	RELAY						200,000		
TOTAL FOR STORM SEWERS:			\$140,000	\$440,000	\$537,500	\$180,000	\$462,500	\$840,000		\$2,600,000

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NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
WATER MAIN (CITY DEVELOPMENT ONLY)										
164	FESSLER DRIVE - LOOP STREET NORTH & SOUTH OF VITS DR.	NEW							100,000	T.I.F. 1,300 LF @ \$70/LF,
155	WALDO & I-43 INTERSECTION	NEW							500,000	T.I.F.
TOTAL FOR WATER MAINS:			\$0	\$0	\$0	\$0	\$0	\$0	N/A	\$0
DOCKS & HARBOR										
MARINA -										
156	MAIN PARKING LOT		125,000		500,000					Patches, crackfilling & slurry seal & striping (33,000 SY) Prop. Reconstr. Of south half of lot, Possible Grant
157	DESIGN SERVICES FOR DOCK REPLACEMENT		126,000							
158	DOCK "E" REPLACEMENT		702,260							
159	BLUE RAIL PARKING LOT							25,000		Patches, crackfilling & slurry seal & striping (3,600 SY) Parallel & Abutting the Blue Rail Pier
160	DREDGING					250,000				
CAR FERRY -										
161	DOCKWALL REPLACEMENT			2,500,000						HAP GRANT MONEY
162	PARKING LOT					200,000				Whitopping ??
163	SHORE PROTECTION (RIP RAP)					50,000				
MANITOWOC RIVER -										
164	STEEL SHEETING REPAIR BEHIND THE FORMER WF&L BLDG.								100,000	
165	STEEL SHEETING									
166	10TH ST. BRIDGE TO THE WEST - (NORTH SIDE)								2,500,000	Estimate 1,200 LF @ \$2,100/LF, 2006 ROLL-OVER
167	CLOSE OFF THE OLD BOAT LAUNCH SITE BY BEST WESTERN INN								200,000	76 LF Sheetpiling, Approx. 2,000 CY of Fill
168	10TH ST. BRIDGE TO THE WEST - (SOUTH SIDE)								2,550,000	Estimate 1,700 LF @ \$1,500/LF
169	STATE ST. TO 400 FT. SOUTH AND 450 FT. NORTH								1,800,000	Estimate 1,200 LF @ \$1,500/LF
TOTAL FOR HARBOR & DOCKS:			\$953,260	\$2,500,000	\$500,000	\$500,000	\$0	\$25,000	N/A	\$4,478,260

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
MISCELLANEOUS CAPITAL WORKS:-										
170	NEW CONCRETE SIDEWALK PROGRAM		0	0	115,000	115,000	115,000	115,000		
171	REMOVE & REPLACE CONCRETE SIDEWALK PROGRAM		121,000	120,000	150,000	150,000	150,000	150,000		
172	PAVEMENT MARKING PROGRAM (EPOXY PAINT)		115,000	100,000	115,000	115,000	115,000	115,000		
173	CONCRETE CURB & GUTTER REPAIR/REPLACE PROGRAM		0	0	17,250	17,250	17,250	17,250		
174	RAILROAD CROSSING REPAIR PROGRAM		12,500	0	11,500	11,500	11,500	11,500		End Of Life Funds
175	HOMESTEAD RD. - KNUELL ST. TO RED FOX LN.	G&G			88,000					Grading & Graveling - Request from Owner
176	GRAVEL PIT		1,200,000	750,000	500,000	150,000	150,000	50,000		Continuing DNR Mandate, Remediation
177	TRAFFIC SIGNALS - REPLACE FAILED LOOP DETECTORS				15,000					Calumet/S. 41ST, End Of Life Funds
178	TRAFFIC SIGNALS - REPLACE CONFLICT MONITORS		11,500		10,000	10,000	10,000			Replace Approx. 10 conflict monitors each year
179	TRAFFIC SIGNALS - REPLACE LED LIGHTS				18,000	40,000	40,000			Replace Approx. 20 Intersections each year
180	NORTH 8TH ST. @ WALDO - SIGN BRIDGE REPLACEMENT			15,000						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	25,000							Patching Delaminated Deck Areas & Sealing Deck
182	BROADWAY ST. BRIDGE - REPLACE EAST ABUT. EXPANSION JOINT		25,000							
183	SEALING BRIDGE DECKS -				120,875					REVERE, BROADWAY, 21ST, & MARITIME
184	MILL RD. BRIDGE - TUCK POINTING EAST ABUTMENT		15,000							
185	8TH & 10TH ST. BRIDGE - EVALUATE & RECOMM. SOFTWARE UPGRADE & EQUIPMENT									15,000
186	8TH & 10TH ST. BRIDGE - PLANS & SPECIFICATIONS FOR REPLACEMENT OF SOFTWARE & EQUIPMENT		90,000							
187	8TH & 10TH ST. BRIDGE - REPLACEMENT OF SOFTWARE & EQUIPMENT					225,000				
188	10TH STREET BRIDGE - REPAINTING DESIGN, PLANS & SPECS.			90,000						
189	10TH STREET BRIDGE - REPAINTING				600,000					Repaint the Bascule Spans of the Bridge
190	GIS MAPPING (ORTHOPHOTOS & PLANIMETRICS)						100,000			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.)					150,000				
TOTAL FOR MISCELLANEOUS CAPITAL WORKS			\$1,615,000	\$1,075,000	\$1,760,625	\$983,750	\$708,750	\$458,750	N/A	\$6,601,875

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		1,520,000							Assume 80% Federal Funding
193	REPLACE 2 - 35 FOOT COACHES			960,000						Assume 80% Federal Funding
194	REPLACE 2 - 35 FOOT COACHES				960,000					Assume 80% Federal Funding
195	REPLACE TRANSIT DRIVERS VAN					19,000				Assume 80% Federal Funding
196	PARATRANSIT VAN						60,000			Assume 80% Federal Funding
TOTAL FOR MARITIME METRO TRANSIT			\$1,520,000	\$960,000	\$960,000	\$19,000	\$60,000	\$0	N/A	\$3,519,000

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		\$16,000							
198	VGBA DRAINAGE GRATES					20,000				
CITIZENS PARK - ARMORY BUILDING										
199	PARTIAL ROOF REPLACEMENT				18,000					
200	SIDING REPLACEMENT				20,000					
201	ADA PROJECTS				56,000					
202	GYM FLOOR REFINISHING					100,000				
203	PLANS & SPECS. TO REMODEL 1ST FLOOR OFFICE AREA					5,000				
204	INTO MULTI-PURPOSE RENTABLE SPACE									
205	REMODEL 1ST FLOOR OFFICE AREA INTO MULTI-PURPOSE						150,000			
206	RENTABLE SPACE									
CITY HALL										
207	REPLACEMENT OF TRUCK #907 (1997 FORD)				29,000					
208	REPLACEMENT OF TRUCK #908					35,000				
DPW BUILDING										
209	SECURITY CAMERAS				16,000					
210	HVAC - VEHICLE STORAGE GARAGE		35,000							Carry Forward
HALVERSON PARK										
211	REPAIR RESTROOM BUILDING									
LIFT STATION										
212	S. 19TH ST. - ROOF REPLACEMENT				8,500					
LINCOLN PARK & ZOO										
213	ZOO SECURITY CAMERAS		15,000							
214	BEAR & CAT ROOFS				42,000					
215	FIELDHOUSE ROOF REPLACEMENT				75,000					
216	ZOO STORAGE GARAGE				25,000					
MARINA FACILITIES										
217	REPLACEMENT OF "E" DOCK		366,000							
218	REPAIR AND PAINT ADMIN. BLDG.			32,000						
219	DECK REPLACEMENT - DOCKS A, B, C & D			184,000						
220	GAS HUT REPAIR									
221	2ND FLOOR MEN'S RESTROOM - FLOOR REPAIR									
222	PAINT LIGHT POLES				5,200					
223	DOCK GATE REPAIRS									

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				29,893					
225	BOILER REPLACEMENT				60,400					
226	SIDING/ARCHITECTURAL DETAIL REPAIR		24,000							Carry Forward
227	AUGMENT CAMERA SECURITY SYSTEM				6,700					
228	HVAC - ROOF TOP UNITS				70,000					
229	WALL SURFACE REPLACEMENT				35,000					
230	LANDSCAPING				45,000					
231	EXTERIOR PAINT						20,000			
	SAFETY BUILDING									
232	ENLARGE MAIN OVERHEAD DOOR		16,000							
233	ENVELOPE REPAIRS				33,710					
234	BUILDING AUTOMATION SYSTEM				68,623					
235	CENTRAL CHILLER REPLACEMENT				113,400					
236	LIGHTING UPGRADE				45,000					
237	BOILER REPLACEMENT				125,000					
238	CARPETING				65,000					
	SENIOR CENTER									
239	BOILER REPLACEMENT				60,400					
240	ACCORDION ROOM DIVIDERS				50,000					
241	HANDICAP DOOR OPENERS				6,500					
242	CONVENTION OVEN				4,000					
243	LIGHTING UPGRADE				17,000					
	SILVER CREEK PARK									
244	FIELDHOUSE - WINDOW REPLACEMENT (PARTIAL)		14,000							Carry Forward
245	FIELDHOUSE - RENOVATIONS			\$250,000						
TOTAL FOR BUILDING & GROUNDS			\$486,000	\$466,000	\$1,130,326	\$160,000	\$170,000	\$0	N/A	\$2,412,326

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		20,000							
247	Two New Dump Beds fro One Ton Trucks (#32 & #34)		13,000							
248	1988 Landa 3000 Steamer/Pressure Washer		13,000							
249	Two Arrow Board Trailers (#197 & #198)		12,000							
250	1998 Volvo Front End Loader w/ Plow, Wing & Grappb Bucket			280,000						
251	Snowblower = 79 Klauer-Snogo			150,000						
252	Replace #11 - (1999 Ford Taurus)				23,000					
253	4 x 4 Ranger Supercab Pickup Truck = 2003 Ford				35,000					
254	4 x 4 Ranger Supercab Pkicup Truck = 2003 Ford				35,000					
255	4 x 4 Ranger Supercab Pkicup Truck = 2003 Ford				35,000					
256	Tire Machine				10,000					
257	Pelican Sweeper = 99 Elgin				225,000					
258	DECK FOR CALCIUM CHLORIDE TANK					20,000				
259	1-Ton Flatbad = 95 Chevrolet					40,000				
260	4 x 4 Diesel Tractor w/Plow and Mower Deck = 95 John Deere					110,000				
261	4 x 4 Diesel Tractor w/Plow and Mower Deck = 95 John Deere					110,000				
262	1 Ton Service Truck = 95 Chevrolet					45,000				
263	1 Ton Flatbed Truck = 95 Chevrolt					40,000				
264	1997 Chev. C8500 (#42)					86,000				
265	Tractor/Loader/Backhoe = 99 Ford						125,000			
266	Whirlwind Sweeper (2008 Elgin)						240,000			
267	Whirlwind Sweeper (2008 Elgin)						240,000			
268	Crew Cab 4-Door 4 x 4 Pickup Truck = 94 Ford						45,000			
269	2003 Tandum 10 Yrd. Truck w/plow & wing (#73)							155,000		
270	2003 Tandum 10 Yrd. Truck w/plow & wing (#78)							155,000		
271	2001 Vac-Con Jetter (Trk #54)							300,000		
272	2002 John Deere Bucket Tractor #103								110,000	
273	2002 John Deere Bucket Tractor #105								110,000	
274	5 Yard Dump Truck wllh Plow and Lodal Attachment = 03 International								125,000	
TOTAL FOR DPW MACHINERY & EQUIPMENT			\$58,000	\$430,000	\$363,000	\$451,000	\$650,000	\$610,000	N/A	\$2,562,000

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				40,000					
276	JOHN DEERE LOADER-BACKHOE (1994 John Deere)					130,000				
TOTAL FOR CEMETERY MACHINERY & EQUIPMENT			\$0	\$0	\$40,000	\$130,000	\$0	\$0	N/A	\$170,000
PARKS MACHINERY AND EQUIPMENT										
277	Vermeer Brush Chipper (1997)		35,000							
278	3/4-Ton 4x4 Pickup Truck w/Plow = 1996 Chevrolet		32,000							
279	C8500 Refuse Collection Truck (2001)		130,000							
280	Trackless MT5 4x4 (2000)			110,000						
281	Trackless MT5 4x4 (2000)				130,000					
282	Ranger 4x4 Pickup Truck for Zoo = 2003 Ford				25,000					
283	C2500 Chasels Cab Pickup Truck = 1997 Chevrolet				35,000					
284	Ram 2500 4x4 Pickup Truck = 1999 Dodge				35,000					
285	Ram 2500 4x4 Pickup Truck = 1999 Dodge				35,000					
286	Ram 2500 4x4 Pickup Truck = 1999 Dodge				35,000					
287	F350 Chasels Cab 1-Ton Dump Truck w/salt unit = 97 Ford					50,000				
288	John Deere 4 Wheel Drive Tractor (1982 John Deere)					60,000				
289	4x4 Tractor w/LDR/Mower/Tiller = 1995 John Deere					40,000				
290	4x4 Diesel Tractor w/loader/grapple = 2004 Case					70,000				
291	C7500 Aerial Bucket Truck = 1999 Chev.						170,000			
291	Single Axle Dump Truck w/plow = 1993 GMC (#643)							120,000		
292	LAWN MOWERS		0	2,000	2,000	2,000				
293	ZTRAK RIDING LAWN MOWERS (2)		23,600	10,000	10,000	10,000	10,000	10,000		
TOTAL FOR PARKS MACHINERY & EQUIPMENT			\$220,600	\$122,000	\$307,000	\$232,000	\$180,000	\$130,000	N/A	\$1,191,600

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				\$20,000					Grant &/or Donatlons ??
	CITIZENS PARK									
295	3 Tennis Courts & 2 Basketball Courts Restore (Tiles)			\$200,000						
296	Fence Repairs & Replacement on Diamonds 2 & 3				\$5,000					
297	Playground Replacement & ADA Access					\$30,000				
298	Diamond Laser Grading						\$10,000			
	DALE STREET PARK									
299	Open Air Shelter								\$25,000	
	DEWEY STREET PARK									
300	ADA Accessible Protective Playground Surface - Phase II			\$89,230						
301	Complete Skateboard Park								????	
	EVERGREEN CEMETERY									
302	Surveying/Staking for Corner Markers in Section X				\$5,000					
304	Asphalt Paving (Mill & Overlay) Sections B & S						\$50,000			
305	Waterline Replacement								\$200,000	
	FLEETWOOD DRIVE - PARK'S DEPT. SHOP									
306	Entrance Roadway Reconstruction				\$60,000					175' Entrance - 825 SY - 8" Doweled Concrete Pavement
307	Parking Lot Reconstruction					\$500,000				Remainder of Area is approx. 15,300 SY
	FLEETWOOD PARK									
308	Tennis Courts (Color Surface Only)						\$20,000			Resurface & Repaint
309	Open Air Shelter								\$25,000	
	HALVERSON PARK									
310	Playground Replacement & ADA Access							\$30,000		
	INDIAN CREEK PARK									
311	Pedestrian Bridge on N.W. Corner of the Park				\$50,000					
312	Parking Lot							\$150,000		
313	Restroom Facilities							\$150,000		

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				\$350,000					Including Zoo Parking Lot Add Additional Parking Area by Tennis Courts
315	Roadways - North Loop					\$250,000				
316	Watermain Loop - N. 8th to Reed Ave.					\$175,000				
317	Tennis Court Bridge Repairs						\$10,000			
LINCOLN PARK ZOO										
318	Reed Ave. Parking Lot							\$100,000		Asphalt Paving Parking Lot (450 x 12) 8" Concrete Pavement
319	Roadway - Reed Ave. Parking Lot to Concession Stand				\$60,000					
320	Diamond Laser Grading					\$10,000				
MARINERS TRAIL										
321	E. Reed Ave. to 700 ft. South			\$40,000						Reconstruction - same location & width
MUNICIPAL FIELD										
322	Parking Lot				\$25,000					Asph. Patching, Crackfilling, Sealing & Re-Striping
323	Install Sump Pits & Repair Pipe for Storm Water				\$15,000					
RED ARROW PARK & BEACH										
324	Entertainment Stage			\$135,000						
325	Replace Fence on 1 Ball Diamond						\$30,000			
326	Diamond Laser Grading							\$10,000		
RHEAUME PARK										
327	Parking Lot Reconstruction				\$70,000					
328	Storm Sewer North of Parking Lot				\$17,500					
RIVERVIEW PARK										
329	Playground Replacement with ADA Access						\$30,000			
SCHUETTE PARK										
330	Fence Replacement									Wood Chips & Gravel paths Replace Exlst. Wood Steps, Connect Lower to Upper
331	Lower Schuette Park Trail Culvert Repair		3,840							
332	Trail Restoration			\$50,000						
333	Stairway				\$50,000					
334	Removal of Old Fitness Equipment					\$15,000				
SILVER CREEK PARK										
335	Bridge Repairs to 3 Bridges					\$23,000				
336	Replace 5 Outdoor Water Fountains					\$12,000				
337	Trail Repairs							\$20,000		

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					\$50,000				
339	Rest Rooms & Open Air Shelter						\$125,000			Similar to Manltou Park
WASHINGTON PARK										
340	Playground Replacement & ADA Access				\$30,000					
WESTFIELD PARK										
341	Diamond Laser Grading				\$10,000					
342	Replace Non-Compliant Bleachers				\$13,000					
343	Replace or Repair Diamond Fence							\$10,000		
OTHER MISC. CAPITAL IMPROVEMENTS										
344	Comprehensive Outdoor Plan Update		\$35,000							
345	Replace Bleachers		\$10,500		\$12,000					West Field & Municipal Field
346	Repair or Replace Basketball Hoops						\$30,000			
347	Ball Diamond - Line Painting Machine									
348	30 Benches for Tennis Courts & Repl. of Rental Benches		\$6,900		\$7,500	\$7,500				Replace 30 Each Year
349	Ball Diamond Light Fixture Hardware Replacement		17,500							
TOTAL FOR PARKS			\$73,740	\$514,230	\$800,000	\$1,072,500	\$305,000	\$470,000	N/A	\$3,235,470
GRAND TOTAL			\$9,535,350	\$9,617,480	\$10,110,951	\$7,162,000	\$6,376,250	\$5,593,750	N/A	\$48,395,781

NOTES: 1) ALL COSTS ARE 2016 DOLLARS

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 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	155,250							PASER CR-4, Priority Ranking 10.6, Orig. Pav't. 1976
2	FESSLER DRIVE - EAST END CUL-DE-SAC	NEW	138,000							T.I.F. ?
3	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R	0							Michigan Ave., Fleetwood Dr., & Menasha Ave., 8th St.
4	S. 35TH ST. - CALUMET AVE. TO 180 FEET SOUTH	RECONST.		48,300						Paved 1977, PASER CR-?
5	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R		0						
6	W. CRESCENT DRIVE - WALDO BLVD. TO SOUTH	RECONST.			119,250					Paved 1973, PASER CR-4, Priority Ranking 10.6
7	E. CRESCENT DRIVE - WALDO BLVD. TO SOUTH	RECONST.			119,250					Paved 1973, PASER CR-4, Priority Ranking 10.6
8	PHEASANT LANE - E. CRESCENT DRIVE TO 126 FEET EAST	RECONST.			24,750					Paved 1973, PASER CR-4, Priority Ranking 3.3
9	SOUTH 15TH ST. - FRANKLIN TO WASHINGTON	RECONST.			168,750					After Mirro Demolition, CR-6
10	SOUTH 16TH ST. - FRANKLIN TO WASHINGTON	RECONST.			168,750					After Mirro Demolition, CR-4
11	MEMORIAL & LILAC DR. - ISLAND MODIFICATIONS	RECONST.				50,000				Per Businesses & County Request
12	E. ALBERT DRIVE - JOHNSTON DR. TO EAST	RECONST.				148,500				PASER CR-3, Orig. Const. 1979
13	SOUTH 13TH ST. - FRANKLIN TO WASHINGTON	RECONST.				123,750				1992 Resurfacing 7, CR-4
14	DUFEK DRIVE - WEST DRIVE TO 500 FEET NORTH	R&R				39,130				500 ft. x 24 ft. slab replacement, Orig. Paved 1990
15	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R				0				
16	MACARTHUR DR. - 150 FT. WEST OF MEADOW CT. TO DALE ST.	RECONST					210,000			PASER CR-4, Orig. Const. 1953
17	NORTH 12TH ST. - WALDO BLVD. TO FAIRMONT ST.	RECONST					117,000			G.M. 8/11/04, Coordinate w/ Waldo Reconstr.
18	MENASHA AVENUE - NORTH 11TH ST. TO WALDO BLVD.	RECONST					122,000			Per G.M. 9/20/04, Coordinate w/ Waldo Reconstr.
19	LANCER CIRCLE - SOUTH & WEST LEGS	RECONST					140,000			
20	NORTH 10TH ST - SCHOOL ST. TO CHERRY RD.	RECONST						132,750		1969 Pavement, PASER CR-4 & 5
21	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RECONST						264,000		PASER CR-5
22	NORTH 23RD ST - FAIRMONT TO MENASHA AVE.	RECONST						270,000		1964 Pavement, PASER CR-4
TOTAL FOR ANNUAL CITY PAVING PROGRAM			\$293,250	\$48,300	\$600,750	\$361,380	\$589,000	\$666,750	N/A	\$2,559,430

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
ANNUAL CITY RESURFACING PROGRAM										
23	SPRING STREET - MICHIGAN AVE. TO 600 FEET SOUTHWEST	OVERLAY	25,000							1996 Overlay, PASER CR-3
24	ALLEY BOUNDED BY LINCOLN, N. 8TH, PINE & WALDO	RECONSTR.	13,200							EAST & NORTH LEGS, Extend N. Leg 60 feet, CR-2, 3
25	ALLEY BOUNDED BY N. 19TH, N. 20TH, MICHIGAN, PROSPECT	RECONSTR.	17,078							CR-3
26	SPRINGHILL DRIVE - WOODLAWN DR. TO WEST	OVERLAY		115,500						1989 Sealcoat, PASER CR-2
27	EDGEWOOD LN - 140' W. OF BROOKFIELD TO W. CUSTER	OVERLAY		67,500						San. Installed In 2005., PASER CR-4
28	ALLEY BOUNDED BY N. 7TH, N. 8TH, REED AVE., MAGNOLIA AVE.	RECONSTR.		16,500						CR-4, Drainage ComplaiNts, Incl. \$23K for Stm. Swr.
29	MARSHALL ST. - S. LAKE ST. TO S. 7TH ST.	OVERLAY			0					Mill & Overlay North & South Parking Lane, CR-5
30	NW FRONTAGE RD. - DUFEK DR. TO I-TEC DRIVE	OVERLAY			56,000					PASER CR-3
31	GREEN ST. - S. 16TH TO S. 18TH ST.	OVERLAY			36,000					1999 Sealcoat, PASER CR-5
32	SOUTH 7TH ST. - MARSHALL TO MADISON ST.	OVERLAY			64,000					1994-1995 Sealcoat, PASER CR-5
33	SOUTH 15TH ST. - CLARK TO FRANKLIN ST.	OVERLAY			38,000					1997 Sealcoat, PASER CR-5
34	WASHINGTON ST. - SOUTH 25TH TO SOUTH 26TH ST.	OVERLAY			22,500					1999 SealCoat, PASER CR-5
35	FARMER'S MARKET PARKING LOT	OVERLAY				0				
36	MEADOW COURT - MEADOW LN. TO MACARTHUR DR.	OVERLAY				25,000				PASER CR-6, Relay San. & Stm. Sewers
37	DIVISION ST. - SOUTH 10TH TO SOUTH 14TH ST.	OVERLAY				60,000				Last Treatment 1995, CR-5
38	NORTH 19TH ST. - MICHIGAN AVE. TO PROSPECT AVE.	OVERLAY				16,000				1999 SealCoat, PASER CR-6
39	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	OVERLAY				8,000				1999 SealCoat, PASER CR-4
40	SOUTH 7TH ST. - JAY ST. TO MARSHALL ST.	OVERLAY					58,000			1998 Sealcoat, PASER CR-5
41	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	OVERLAY					40,000			PASER CR-5
42	SOUTH 18TH ST. - WESTERN AVE. TO WOLLMER ST.	OVERLAY					22,000			PASER CR-5, 2001 Seal Coat
43	S. ALVERNO RD. - W. CUSTER ST. TO DUTCH RD.	OVERLAY					63,750			1996 SealCoat, PASER CR-5
44	PARK ST. - NORTH 10TH TO WEST	OVERLAY					15,000			1981 Overlay, PASER CR-3
46	BROADWAY ST. - MICHIGAN AVE. TO 1,460 FT. SOUTHEAST	OVERLAY					45,000			PASER CR-6, Priority Ranking 6.8 Town of Mtwo. Rapids owns west half of the road
46	NORTH 6TH ST. - CLEVELAND TO NEW YORK AVE.	OVERLAY						46,000		1973 Pav'l., Seal Coat In 1992 & 2003, CR-6
47	NORTH 5TH ST. - NEW YORK AVE. TO PINE ST.	OVERLAY						46,000		1976 Pav'l., Seal Coat In 1992 & 2003, CR-6
48	NORTH 6TH ST. - PARK ST. TO CLEVELAND AVE.	OVERLAY						100,000		1975 Pav'l., Seal Coat In 1993 & 2003, CR-6
49	SOUTH 17TH ST. - WASHINGTON TO MARSHALL	OVERLAY						28,000		PASER CR-5
50	SOUTH 20TH ST. - FRANKLIN TO WASHINGTON ST.	OVERLAY						28,000		1986 Sealcoat, PASER CR-5
51	NE FRONTAGE RD. - RAPIDS RD. TO I-43	OVERLAY						49,000		PASER CR-4 ??
TOTAL FOR ANNUAL CITY RESURFACING PROGRAM			\$55,278	\$199,500	\$216,500	\$109,000	\$243,750	\$297,000	N/A	\$1,121,028

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
CITY ARTERIAL/COLLECTOR PROGRAM:-										
62	DEWEY STREET - S. 26TH TO S. 35TH ST. (2,700 ft.)	RECONST	606,000							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
63	DEWEY STREET - S. 26TH TO 400 FEET WEST OF S. 39TH ST. (1,750 Ft.)	RECONST	300,000							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		606,000						PASER CR-3 & 4, Complaints.
55	S. RAPIDS RD. - CALUMET AVE. TO 750 FT. NORTH	RECONST			170,000					Concurrent with planned Meijer Store opening 6/2018.
56	SOUTH 30TH ST. - 726' S. OF YORKSHIRE LN. TO DEWEY ST.	RECONST				195,500				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			\$906,000	\$606,000	\$170,000	\$195,500	\$0	\$0	N/A	\$1,877,500

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

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				0	0			Constr. 2019, Per Revised State/Municipal Agreement May 12, 2016 Assume 10 % City Share
58	WALDO BLVD. - N. 5TH TO N. 8TH ST.	RECONSTR				0	0			Constr. 2019, Per Revised State/Municipal Agreement May 12, 2016 Assume 10 % City Share
59	WALDO BLVD. - N. 8TH TO FLEETWOOD DR.	RECONSTR				0	0			Constr. 2019/2020, Per Revised State/Municipal Agreement May 12, 2016 Assume 10 % City Share
60	WALDO BLVD. - FLEETWOOD TO N. RAPIDS RD.	RESURFACE				0	0			Constr. 2020, Per Revised State/Municipal Agreement May 12, 2016 Assume 10 % City Share
61	USH 151 (CALUMET AVE.) - S. RAPIDS RD. TO VALDERS	RESURFACE					0			City needs to fund portion from Rapids Rd. to I-43 Bridge I-43 to City Limite should be 100% funded by DOT
D.O.T. PROJECTS										
	LAND ACQUISITION		\$0	\$0	\$0	\$0	\$0			
	ENGINEERING		\$0	\$0	\$0	\$0	\$0		N/A	
	CONSTRUCTION		\$0	\$0	\$0	\$0	\$0		N/A	
GRAND TOTAL FOR D.O.T. PROJECTS			\$0	\$0	\$0	\$0	\$0	\$0	N/A	\$0
GRAND TOTAL FOR ALL PAVING PROJECTS			\$1,254,528	\$853,800	\$987,250	\$665,880	\$832,750	\$963,750	N/A	\$5,557,958

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

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 SEWER	NEW	450,000							Need Easements, Permits, Wetland Delineation
63	SOUTH 14TH STREET LIFT STATION	UPGRADE			400,000					Per Foth & VanDyke Report (11/02)
64	SOUTH 19TH STREET LIFT STATION	DESIGN					50,000			Per Foth & VanDyke Report (11/02)
65	SOUTH 19TH STREET LIFT STATION	UPGRADE						350,000		
TOTAL FOR SANITARY INTERCEPTOR SEWERS:			\$450,000	\$0	\$400,000	\$0	\$50,000	\$350,000	N/A	\$1,250,000
ANNUAL SANITARY SEWER PROGRAM										
66	INFILTRATION & INFLOW (I&I) STUDY AREAS, REHAB PROJECTS		30,000	30,000	30,000					Flow Metering Project, Manhole Sealing
67	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RELAY	70,000							W.W.T.F.
68	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE	350,000							W.W.T.F.
69	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS	75,000							W.W.T.F.
70	WALDO BLVD. SPECS. FOR DOT CONTRACT			50,000						
71	SOUTH 10TH ST. - DEWEY ST. TO MANITOU ST.	RELAY		250,000						MAINLINE ONLY & RECONNET LATERALS
72	SCHOOL ST. - N. 8TH TO NAGLE AVE.	RE-LINE		15,000						519' - 8" Relining
73	WALDO BLVD. SIDE STREETS - RE-LINING	RE-LINE		240,000						
74	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE		200,000						W.W.T.F.
75	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS		75,000						W.W.T.F.
76	WALDO BLVD. EASEMENT N. 9TH to N. 11TH ST.	RE-LINE			100,000					W.W.T.F., 21 Inch Pipe
77	E. & W. CRESCENT DRIVE - WALDO TO SOUTH	LATERALS			50,000					W.W.T.F., Relay Laterals
78	HOMESTEAD RD. - KNUELL ST. TO RED FOX	NEW			50,000					
79	SOUTH 15TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY			90,000					W.W.T.F.
80	SOUTH 16TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY			90,000					W.W.T.F.
81	SOUTH 15TH ST. - CLARK TO FRANKLIN ST.	RE-LINE			40,000					W.W.T.F.
82	SOUTH 30TH STREET - DIVISION TO DEWEY	REPAIRS			30,000					W.W.T.F.
83	GREEN STREET - S. 16TH TO S. 18TH ST.	RE-LINE			22,500					W.W.T.F.
84	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE			250,000					W.W.T.F.
85	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS			75,000					W.W.T.F.

Revised 12/19/16 G.J.M.

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
86	WALDO BLVD. - NORTH 6TH ST. TO NORTH 17TH ST.	RELAY				625,000				RELAY MAINLINE AND LATERALS
87	NORTH 19TH ST. - MICHIGAN AVE. TO PROSPECT AVE.	RE-LINE				25,000				
88	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	RE-LINE				25,000				
89	SOUTH 13TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY				90,000				W.W.T.F.
90	MEADOW COURT - MEADOW LANE TO MACARTHUR DRIVE	RELAY				50,000				W.W.T.F.,
91	DIVISION ST. - S. 10TH TO S. 14TH ST.	RELINE				50,000				
92	WALDO BLVD. - NORTH 17TH TO FLEETWOOD DR.	RELAY					385,000			RELAY MAINLINE AND LATERALS
93	LANCER CIRCLE - SOUTH & WEST LEGS	RE-LINE					50,000			Re-Line?? & Laterals
94	MACARTHUR DR. - MEADOW CT. TO DALE ST.	RELAY					150,000			
95	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	RE-LINE					30,000			Dual Main (8" & 16")
96	SOUTH 18TH ST. - WESTERN TO WOLLMER ST.	RE-LINE					15,000			449' - 8" Relining
97	MENASHA AVE. - N. 11TH TO WALDO	RELAY					65,000			W.W.T.F.
98	NORTH 12TH ST. - WALDO TO FAIRMONT ST.	RELAY					70,000			W.W.T.F.
99	PARK ST. - NORTH 10TH TO WEST	REPAIR					5,000			
100	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RE-LINE						100,000		Re-Line 1,551 LF - 18" Pipe
101	JOHNSTON DR. - REED AVE. TO E. MAGNOLIA AVE.	RELAY						35,000		831' - 8" Relining
102	SOUTH 17TH ST. - WASHINGTON TO MARSHALL ST.	RE-LINE						25,000		W.W.T.F.
103	SOUTH 20TH STREET - FRANKLIN TO WASHINGTON	RE-LINE						25,000		W.W.T.F.
104	NORTH 5TH ST. - CLEVELAND TO NEW YORK AVE.	RE-LINE						35,000		W.W.T.F.
105	NORTH 5TH ST. - NEW YORK AVE. TO PINE ST.	RE-LINE						30,000		W.W.T.F.
106	NORTH 6TH ST. - PARK ST. TO CLEVELAND AVE.	RE-LINE						35,000		W.W.T.F.
107	NORTH 10TH ST. - SCHOOL TO CHERRY RD.	RELAY						20,000		Laterals Only, Mainline Relined in 2007
108	NORTH 23RD ST. - FAIRMONT TO MENASHA AVE.	RE-LINE						60,000		1,547 LF - 12"
TOTAL FOR SANITARY SEWERS:			\$525,000	\$860,000	\$827,500	\$865,000	\$770,000	\$365,000	N/A	\$4,212,500
GRAND TOTAL FOR INTERCEPTORS, LIFT STATIONS & ANNUAL SANITARY SEWERS			\$975,000	\$860,000	\$1,227,500	\$865,000	\$820,000	\$715,000	N/A	\$5,462,500

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
STORMWATER MANAGEMENT PROGRAM										
109	COMPREHENSIVE STORMWATER ENGINEERING STUDY		0	0	0	0	0	0		
110	DEWEY ST. POND - FENCE								0	Per a Request, 2,700'
111	ILLCIT DISCHARGE DETECTION & ELIMINATION									
112	POLLUTION PREVENTION PROGRAM									
113	REVISE STORMWATER MANAGEMENT PLAN				0					Update the 2000 & 2006 Earth Tech Plan
114	REVISE STORMWATER QUALITY PLAN				0					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.					0				POND # 111 IN MSA REPORT, DNR CONST. GRANT Indian Creek Park - Parking Lot
116	CONSTRUCT STORMWATER POND S.E. CORNER N. 8TH & ALBERT						25,000			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								85,000	BMP RANKING # 16
118	DUFEK DR. POND - VEGETATIVE PLANTINGS - NATIVE PRAIRE								0	Construction
TOTAL FOR STORMWATER MANAGEMENT:			\$0	\$0	\$0	\$0	\$25,000	\$0	N/A	\$25,000

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
STORM SEWER										
119	ANNUAL MINI-STORM SEWER PROGRAM	NEW	0	0	1,000	1,000	1,000	1,000		\$500 CONNECTION FEE PER SUMP PUMP ASSUME COST OF \$3,000 PER SUMP
120	ALLEY - MICHIGAN, PROSPECT, N. 19TH, N. 20TH	RE-LINE	0							
121	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RELAY	0							
122	AHRENS ST. - N. 12TH TO N. 16TH ST. (MINI-SEWER)	NEW	1,500							
123	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS	0							YMCA, BEST WESTERN, S. 26TH
124	BLUE RAIL BEACH - STORM SEWER REALIGNMENT			62,500						FUND FOR LAKE MICHIGAN GRANT
125	SOUTH 10TH ST. - DEWEY TO VIEBAHN ST.	RELAY		78,750						
126	W. CRESCENT DRIVE - WALDO to SOUTH	RELAY			12,500					
127	E. CRESCENT DRIVE - WALDO to SOUTH	RELAY			12,500					
128	SCHOOL ST. - N. 8TH TO N. 10TH ST.	RELAY			37,500					UPSIZING TO REDUCE FLOODING ON ORCHARD DR.
129	SOUTH 15TH STREET - FRANKLIN TO WASHINGTON ST.	NEW			18,750					
130	SOUTH 16TH STREET - FRANKLIN TO WASHINGTON ST.	RELAY			25,000					
131	GREEN STREET - SOUTH 16TH TO SOUTH 18TH ST.	REPAIR			0					
132	SOUTH 7TH STREET - MARSHALL TO MADISON ST.	REPAIRS			0					Replace Inlets & Leads at Marshall & Hamilton
133	SOUTH 30TH STREET - DIVISION TO DEWEY	REPAIR			0					Inlets???
134	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS			0					
136	E. ALBERT DRIVE - EAST OF JOHNSTON DRIVE	REPAIRS				12,500				
136	MEADOW COURT - MEADOW LANE TO MACARTHUR DRIVE	RELAY				25,000				Upsize sewer,
137	SOUTH 13TH STREET - FRANKLIN TO WASHINGTON ST.	NEW				18,750				
138	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	REPAIRS				0				
139	MACARTHUR DR. - W. OF MEADOW CT. TO DALE ST.	RELAY					28,750			
140	SOUTH 7TH STREET - JAY TO MARSHALL ST.	REPAIRS					0			
141	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	REPAIR					0			
142	MENASHA AVE. - N. 11TH TO WALDO	RELAY					37,500			
143	NORTH 12TH ST. - WALDO TO FAIRMONT ST.	RELAY					22,500			30" pipe to Low Point is part of Wilson Bowl Proj.
144	LANCER CIRCLE -	RELAY					28,750			
145	SOUTH 18TH ST. - WESTERN TO WOLLMER ST.	REPAIR					0			
146	PARK ST. - NORTH 10TH TO WEST	REPAIR					0			
147	SOUTH 10TH ST. - DEWEY TO MANITOU STREET	RELAY						240,000		
148	SOUTH 17TH ST. - WASHINGTON TO MARSHALL ST.	REPAIR						0		
149	SOUTH 20TH ST. - FRANKLIN TO WASHINGTON ST.	REPAIR						0		
160	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RELAY						50,000		
161	JOHNSTON DR. - REED AVE. TO E. MAGNOLIA AVE.	RELAY						12,500		
162	NORTH 10TH ST. - SCHOOL TO CHERRY RD	RELAY						18,750		UPSIZING TO REDUCE FLOODING ON ORCHARD DR.
163	NORTH 23RD ST. - FAIRMONT TO MENASA AVE.							50,000		
TOTAL FOR STORM SEWERS:			\$1,500	\$141,250	\$107,250	\$57,250	\$118,500	\$372,250		\$798,000

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

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							100,000	T.I.F. 1,300 LF @ \$70/LF,
155	WALDO & I-43 INTERSECTION	NEW							500,000	T.I.F.
TOTAL FOR WATER MAINS:			\$0	\$0	\$0	\$0	\$0	\$0	N/A	\$0
DOCKS & HARBOR										
MARINA -										
156	MAIN PARKING LOT		0		0					Patches, crackfilling & slurry seal & striping (33,000 SY) Prop. Reconstr. Of south half of lot, Possible Grant
157	DESIGN SERVICES FOR DOCK REPLACEMENT		0							
158	DOCK "E" REPLACEMENT		0							
159	BLUE RAIL PARKING LOT							0		Patches, crackfilling & slurry seal & striping (3,600 SY) Parallel & Abutting the Blue Rail Pier
160	DREDGING					0				
CAR FERRY -										
161	DOCKWALL REPLACEMENT			2,000,000						HAP GRANT MONEY
162	PARKING LOT					0				Whitetopping ??
163	SHORE PROTECTION (RIP RAP)					0				
MANITOWOC RIVER -										
164	STEEL SHEETING REPAIR BEHIND THE FORMER WF&L BLDG.								0	
165	STEEL SHEETING									
166	10TH ST. BRIDGE TO THE WEST - (NORTH SIDE)								2,250,000	Estimate 1,200 LF @ \$2,100/LF, 2006 ROLL-OVER
167	CLOSE OFF THE OLD BOAT LAUNCH SITE BY BEST WESTERN INN								0	76 LF Sheelplling, Approx. 2,000 CY of Fill
168	10TH ST. BRIDGE TO THE WEST - (SOUTH SIDE)								2,550,000	
169	STATE ST. TO 400 FT. SOUTH AND 450 FT. NORTH								1,800,000	Estimate 1,200 LF @ \$1,000/LF
TOTAL FOR HARBOR & DOCKS:			\$0	\$2,000,000	\$0	\$0	\$0	\$0	N/A	\$2,000,000

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET--- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
MISCELLANEOUS CAPITAL WORKS:-										
170	NEW CONCRETE SIDEWALK PROGRAM		0	0	80,500	80,500	80,500	80,500		ASSUME 70% REVENUE
171	REMOVE & REPLACE CONCRETE SIDEWALK PROGRAM		84,700	84,000	105,000	105,000	105,000	105,000		ASSUME 70% REVENUE
172	PAVEMENT MARKING PROGRAM (EPOXY PAINT)		0	0	0	0	0	0		
173	CONCRETE CURB & GUTTER REPAIR/REPLACE PROGRAM		0	0	0	0	0	0		
174	RAILROAD CROSSING REPAIR PROGRAM		0	0	0	0	0	0		End Of Life Funds
175	HOMESTEAD RD. - KNUELL ST. TO RED FOX LN.	G&G			57,200					Grading & Graveling - Request from Owner
176	GRAVEL PIT		0	0	0	0	0	0		Continuing DNR Mandate, Remediation
177	TRAFFIC SIGNALS - REPLACE FAILED LOOP DETECTORS				0					Calumet/S. 41ST, End of Life Funds
178	TRAFFIC SIGNALS - REPLACE CONFLICT MONITORS		0		0	0	0			Replace Approx. 10 conflict monitors each year
179	TRAFFIC SIGNALS - REPLACE LED LIGHTS				0	0	0			Replace Approx. 20 Intersections each year End Of Life Funds
180	NORTH 8TH ST. @ WALDO - SIGN BRIDGE REPLACEMENT			0						POUR 2 NEW BASES AND MOVE, End Of Life Funds
181	NORTH 8TH ST. BRIDGE OVER LITTLE MANITOWOC RIVER	PATCH DECK	0							Patching Delaminated Deck Areas & Sealing Deck
182	BROADWAY ST. BRIDGE - REPLACE EAST ABUT. EXPANSION JOINT		0							
183	SEALING BRIDGE DECKS -				0					REVERE, BROADWAY, 21ST, & MARITIME
184	MILL RD. BRIDGE - TUCK POINTING EAST ABUTMENT		0							
185	8TH & 10TH ST. BRIDGE - EVALUATE & RECOMM. SOFTWARE UPGRADE & EQUIPMENT									15,000
186	8TH & 10TH ST. BRIDGE - PLANS & SPECIFICATIONS FOR REPLACEMENT OF SOFTWARE & EQUIPMENT		90,000							
187	8TH & 10TH ST. BRIDGE - REPLACEMENT OF SOFTWARE & EQUIPMENT					225,000				
188	10TH STREET BRIDGE - REPAINTING DESIGN, PLANS & SPECS.			90,000						
189	10TH STREET BRIDGE - REPAINTING				600,000					Repaint the Bascule Spans of the Bridge
190	GIS MAPPING (ORTHO PHOTOS & PLANIMETRICS)						0			Last Aerials In 2010, Surdex - 2014 Flight Resolve Aerials, Planimetric & Topos. In 2015
191	SIDEWALKS N. 8TH ST. - RR TRACKS TO INDIAN CREEK DR. (Const.)					0				
TOTAL FOR MISCELLANEOUS CAPITAL WORKS			\$174,700	\$174,000	\$842,700	\$410,500	\$185,500	\$185,500	N/A	\$1,972,900

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
MARITIME METRO TRANSIT SYSTEM										
192	REPLACE 5 - 35 FOOT COACHES		1,216,000							Assume 80% Federal Funding
193	REPLACE 2 - 35 FOOT COACHES			768,000						Assume 80% Federal Funding
194	REPLACE 2 - 35 FOOT COACHES				768,000					Assume 80% Federal Funding
195	REPLACE TRANSIT DRIVERS VAN					15,200				Assume 80% Federal Funding
196	PARATRANSIT VAN						48,000			Assume 80% Federal Funding
TOTAL FOR MARITIME METRO TRANSIT			\$1,216,000	\$768,000	\$768,000	\$15,200	\$48,000	\$0	N/A	\$2,815,200

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
BUILDINGS AND GROUNDS										
CITIZENS PARK - AQUATICS CENTER										
197	POOL CAULKING		\$0							
198	VGBA DRAINAGE GRATES					0				
CITIZENS PARK - ARMORY BUILDING										
199	PARTIAL ROOF REPLACEMENT				0					
200	SIDING REPLACEMENT				0					
201	ADA PROJECTS				0					
202	GYM FLOOR REFINISHING					0				
203	PLANS & SPECS. TO REMODEL 1ST FLOOR OFFICE AREA					0				
204	INTO MULTI-PURPOSE RENTABLE SPACE									
205	REMODEL 1ST FLOOR OFFICE AREA INTO MULTI-PURPOSE						0			
206	RENTABLE SPACE									
CITY HALL										
207	REPLACEMENT OF TRUCK #907 (1997 FORD)				0					
208	REPLACEMENT OF TRUCK #908					0				
DPW BUILDING										
209	SECURITY CAMERAS				0					
210	HVAC - VEHICLE STORAGE GARAGE		0							Carry Forward
HALVERSON PARK										
211	REPAIR RESTROOM BUILDING									
LIFT STATION										
212	S. 19TH ST. - ROOF REPLACEMENT					0				
LINCOLN PARK & ZOO										
213	ZOO SECURITY CAMERAS		0							
214	BEAR & CAT ROOFS				0					
215	FIELDHOUSE ROOF REPLACEMENT				0					
216	ZOO STORAGE GARAGE				0					
MARINA FACILITIES										
217	REPLACEMENT OF "E" DOCK		0							
218	REPAIR AND PAINT ADMIN. BLDG.				0					
219	DECK REPLACEMENT - DOCKS A, B, C & D			184,000						
220	GAS HUT REPAIR									
221	2ND FLOOR MEN'S RESTROOM - FLOOR REPAIR									
222	PAINT LIGHT POLES				0					
223	DOCK GATE REPAIRS									

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
RAHR-WEST MUSEUM										
224	CARPET REPLACEMENT				0					
225	BOILER REPLACEMENT				0					2014 End of Life Funds
226	SIDING/ARCHITECTURAL DETAIL REPAIR		0							Carry Forward
227	AUGMENT CAMERA SECURITY SYSTEM				0					
228	HVAC - ROOF TOP UNITS				0					
229	WALL SURFACE REPLACEMENT				0					
230	LANDSCAPING				0					
231	EXTERIOR PAINT						0			
SAFETY BUILDING										
232	ENLARGE MAIN OVERHEAD DOOR		0							
233	ENVELOPE REPAIRS				0					
234	BUILDING AUTOMATION SYSTEM				0					
235	CENTRAL CHILLER REPLACEMENT				0					
236	LIGHTING UPGRADE				0					
237	BOILER REPLACEMENT				0					
238	CARPETING				0					
SENIOR CENTER										
239	BOILER REPLACEMENT				0					
240	ACCORDION ROOM DIVIDERS				0					
241	HANDICAP DOOR OPENERS				0					
242	CONVENTION OVEN				0					
243	LIGHTING UPGRADE				0					
SILVER CREEK PARK										
244	FIELDHOUSE - WINDOW REPLACEMENT (PARTIAL)		0							Carry Forward
245	FIELDHOUSE - RENOVATIONS			\$125,000						Donations
TOTAL FOR BUILDING & GROUNDS			\$0	\$309,000	\$0	\$0	\$0	\$0	N/A	\$309,000

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS	
DPW MACHINERY AND EQUIPMENT											
246	Replace 2000 Ford Escort		0								
247	Two New Dump Beds fro One Ton Trucks (#32 & #34)		0								
248	1988 Landa 3000 Steamer/Pressure Washer		0								
249	Two Arrow Board Trallers (#197 & #198)		0								
250	1998 Volvo Front End Loader w/ Plow, Wing & Grapple Bucket			25,000							
251	Snowblower = 79 Klauer-Snogo			52,000							
252	Replace #11 - (1999 Ford Taurus)				0						
253	4 x 4 Ranger Supercab Pickup Truck = 2003 Ford				0						
254	4 x 4 Ranger Supercab Pickup Truck = 2003 Ford				0						
255	4 x 4 Ranger Supercab Pickup Truck = 2003 Ford				0						
256	Tire Machine				0						
257	Pelican Sweeper = 99 Elgin				0						
258	DECK FOR CALCIUM CHLORIDE TANK						0				
259	1-Ton Flatbed = 95 Chevrolet						0				
260	4 x 4 Diesel Tractor w/Plow and Mower Deck = 95 John Deere						0				
261	4 x 4 Diesel Tractor w/Plow and Mower Deck = 95 John Deere						0				
262	1 Ton Service Truck = 95 Chevrolet						0				
263	1 Ton Flatbed Truck = 95 Chevrolet						0				
264	1997 Chev. C8600 (#42)						0				
265	Tractor/Loader/Backhoe = 99 Ford						0				
266	Whirlwind Sweeper (2008 Elgin)						0				
267	Whirlwind Sweeper (2008 Elgin)						0				
268	Crew Cab 4-Door 4 x 4 Pickup Truck = 94 Ford						0				
269	2003 Tandum 10 Yrd. Truck w/plow & wing (#73)							0			
270	2003 Tandum 10 Yrd. Truck w/plow & wing (#78)							0			
271	2001 Vac-Con Jetter (Trk #54)							0			
272	2002 John Deere Bucket Tractor #103								0		
273	2002 John Deere Bucket Tractor #105								0		
274	5 Yard Dump Truck with Plow and Lodal Attachment = 03 International								0		
TOTAL FOR DPW MACHINERY & EQUIPMENT			\$0	\$77,000	\$0	\$0	\$0	\$0	\$0	N/A	\$77,000

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 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/6' plow = 2001 Dodge				0					
276	JOHN DEERE LOADER-BACKHOE (1994 John Deere)					0				
TOTAL FOR CEMETERY MACHINERY & EQUIPMENT			\$0	\$0	\$0	\$0	\$0	\$0	N/A	\$0
PARKS MACHINERY AND EQUIPMENT										
277	Vermeer Brush Chipper (1997)		0							
278	3/4-Ton 4x4 Pickup Truck w/Plow = 1996 Chevrolet		0							
279	C8500 Refuse Collection Truck (2001)		0							
280	Trackless MT5 4x4 (2000)			6,000						
281	Trackless MT5 4x4 (2000)				0					
282	Ranger 4x4 Pickup Truck for Zoo = 2003 Ford				0					
283	C2500 Chasels Cab Pickup Truck = 1997 Chevrolet				0					
284	Ram 2500 4x4 Pickup Truck = 1999 Dodge				0					
285	Ram 2500 4x4 Pickup Truck = 1999 Dodge				0					
286	Ram 2500 4x4 Pickup Truck = 1999 Dodge				0					
287	F350 Chasels Cab 1-Ton Dump Truck w/salt unit = 97 Ford					0				
288	John Deere 4 Wheel Drive Tractor (1992 John Deere)					0				
289	4x4 Tractor w/LDR/Mower/Tiller = 1995 John Deere					0				
290	4x4 Diesel Tractor w/loader/grapple = 2004 Case					0				
291	C7500 Aerial Bucket Truck = 1999 Chev.						0			
291	Single Axle Dump Truck w/plow = 1993 GMC (#643)							0		
292	LAWN MOWERS		0	0	0	0				
293	ZTRAK RIDING LAWN MOWERS (2)		0	0	0	0	0	0		
TOTAL FOR PARKS MACHINERY & EQUIPMENT			\$0	\$6,000	\$0	\$0	\$0	\$0	N/A	\$6,000

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 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				\$0					Grant &/or Donations ??
CITIZENS PARK										
295	3 Tennis Courts & 2 Basketball Courts Restore (Tiles)			\$100,000						Donations & MPU
296	Fence Repairs & Replacement on Diamonds 2 & 3				\$0					
297	Playground Replacement & ADA Access					\$0				
298	Diamond Laser Grading						\$0			
DALE STREET PARK										
299	Open Air Shelter								\$0	
DEWEY STREET PARK										
300	ADA Accessible Protective Playground Surface - Phase II			\$15,000						Carry Forward
301	Complete Skateboard Park								????	
EVERGREEN CEMETERY										
302	Surveying/Staking for Corner Markers in Section X				\$0					
304	Asphalt Paving (Mill & Overlay) Sections B & S						\$0			
305	Waterline Replacement								\$0	
FLEETWOOD DRIVE - PARK'S DEPT. SHOP										
306	Entrance Roadway Reconstruction				\$0					176' Entrance - 826 SY - 8" Doweled Concrete Pavement
307	Parking Lot Reconstruction					\$0				Remainder of Area is approx. 16,300 SY
FLEETWOOD PARK										
308	Tennis Courts (Color Surface Only)						\$0			Resurface & Repaint
309	Open Air Shelter								\$0	
HALVERSON PARK										
310	Playground Replacement & ADA Access							\$0		
INDIAN CREEK PARK										
311	Pedestrian Bridge on N.W. Corner of the Park				\$0					
312	Parking Lot							\$0		
313	Restroom Facilities							\$0		

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
LINCOLN PARK										
314	Roadways - South Loop				\$0					Including Zoo Parking Lot
315	Roadways - North Loop					\$0				Add Additional Parking Area by Tennis Courts
316	Watermain Loop - N. 8th to Reed Ave.					\$0				
317	Tennis Court Bridge Repairs						\$0			
LINCOLN PARK ZOO										
318	Reed Ave. Parking Lot							\$0		Asphalt Paving
319	Roadway - Reed Ave. Parking Lot to Concession Stand				\$0					Parking Lot (450 x 12) 8" Concrete Pavement
320	Diamond Laser Grading					\$0				
MARINERS TRAIL										
321	E. Reed Ave. to 700 ft. South			\$0						Reconstruction - same location & width
MUNICIPAL FIELD										
322	Parking Lot				\$0					Asph. Patching, Crackfilling, Sealing & Re-Striping
323	Install Sump Pits & Repair Pipe for Storm Water				\$0					
RED ARROW PARK & BEACH										
324	Entertainment Stage			\$67,500						Donations
325	Replace Fence on 1 Ball Diamond						\$0			
326	Diamond Laser Grading							\$0		
RHEAUME PARK										
327	Parking Lot Reconstruction				\$0					
328	Storm Sewer North of Parking Lot				\$0					
RIVERVIEW PARK										
329	Playground Replacement with ADA Access						\$0			
SCHUETTE PARK										
330	Fence Replacement									
331	Lower Schuette Park Trail Culvert Repair		0							
332	Trail Restoration			\$0						Wood Chips & Gravel paths
333	Stairway				\$0					Replace Exist. Wood Steps, Connect Lower to Upper
334	Removal of Old Fitness Equipment					\$0				
SILVER CREEK PARK										
335	Bridge Repairs to 3 Bridges					\$0				
336	Replace 5 Outdoor Water Fountains					\$0				
337	Trail Repairs							\$0		

Revised 12/19/16 G.J.M.

SCHEDULE "B"

CAPITAL WORKS PROGRAM WORK SHEET---- ESTIMATED REVENUE - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
SILVERIDGE PARK										
338	Playground Equipment					\$0				
339	Rest Rooms & Open Air Shelter						\$0			Similar to Manitou Park
WASHINGTON PARK										
340	Playground Replacement & ADA Access				\$0					
WESTFIELD PARK										
341	Diamond Laser Grading				\$0					
342	Replace Non-Compliant Bleachers				\$0					
343	Replace or Repair Diamond Fence							\$0		
OTHER MISC. CAPITAL IMPROVEMENTS										
344	Comprehensive Outdoor Plan Update		\$0							
345	Replace Bleachers		\$0		\$0					West Field & Municipal Field
346	Repair or Replace Basketball Hoops						\$0			
347	Ball Diamond - Line Painting Machine									
348	30 Benches for Tennis Courts & Repl. of Rental Benches		\$0		\$0	\$0				Replace 30 Each Year
349	Ball Diamond Light Fixture Hardware Replacement		\$0							
TOTAL FOR PARKS			\$0	\$182,500	\$0	\$0	\$0	\$0	N/A	\$182,500
GRAND TOTAL			\$3,621,728	\$5,371,550	\$3,932,700	\$2,013,830	\$3,916,700	\$2,236,500	N/A	\$21,093,008

NOTES: 1) ALL COSTS ARE 2016 DOLLARS

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 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	189,750							PASER CR-4, Priority Ranking 10.6, Orig. Pav't. 1976
2	FESSLER DRIVE - EAST END CUL-DE-SAC	NEW	0							T.I.F. ?
3	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R	115,000							Michigan Ave., Fleetwood Dr., & Menasha Ave., 8th St.
4	S. 35TH ST. - CALUMET AVE. TO 180 FEET SOUTH	RECONST.		72,450						Paved 1977, PASER CR-7
5	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R		363,500						
6	W. CRESCENT DRIVE - WALDO BLVD. TO SOUTH	RECONST.			185,500					Paved 1973, PASER CR-4, Priority Ranking 10.6
7	E. CRESCENT DRIVE - WALDO BLVD. TO SOUTH	RECONST.			145,750					Paved 1973, PASER CR-4, Priority Ranking 10.6
8	PHEASANT LANE - E. CRESCENT DRIVE TO 126 FEET EAST	RECONST.			30,250					Paved 1973, PASER CR-4, Priority Ranking 3.3
9	SOUTH 15TH ST. - FRANKLIN TO WASHINGTON	RECONST.			206,250					After Mirro Demolition, CR-6
10	SOUTH 16TH ST. - FRANKLIN TO WASHINGTON	RECONST.			206,250					After Mirro Demolition, CR-4
11	MEMORIAL & LILAC DR. - ISLAND MODIFICATIONS	RECONST.				65,000				Per Businesses & County Request
12	E. ALBERT DRIVE - JOHNSTON DR. TO EAST	RECONST.				181,500				PASER CR-3, Orig. Const. 1979
13	SOUTH 13TH ST. - FRANKLIN TO WASHINGTON	RECONST.				151,250				1992 Resurfacing 7, CR-4
14	DUFEK DRIVE - WEST DRIVE TO 500 FEET NORTH	R&R				110,870				500 ft. x 24 ft. slab replacement, Orig. Paved 1990
15	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R				125,000				
16	MACARTHUR DR. - 150 FT. WEST OF MEADOW CT. TO DALE ST.	RECONST					315,000			PASER CR-4, Orig. Const. 1953
17	NORTH 12TH ST. - WALDO BLVD. TO FAIRMONT ST.	RECONST					143,000			G.M. 8/11/04, Coordinate w/ Waldo Reconstr.
18	MENASHA AVENUE - NORTH 11TH ST. TO WALDO BLVD.	RECONST					183,000			Per G.M. 9/20/04, Coordinate w/ Waldo Reconstr.
19	LANCER CIRCLE - SOUTH & WEST LEGS	RECONST					210,000			
20	NORTH 10TH ST - SCHOOL ST. TO CHERRY RD.	RECONST						162,250		1959 Pavement, PASER CR-4 & 5
21	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RECONST						396,000		PASER CR-5
22	NORTH 23RD ST - FAIRMONT TO MENASHA AVE.	RECONST						405,000		1954 Pavement, PASER CR-4
TOTAL FOR ANNUAL CITY PAVING PROGRAM			\$304,750	\$435,950	\$774,000	\$633,620	\$851,000	\$963,250	N/A	\$3,962,570 ✓

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 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	38,250							1998 Overlay, PASER CR-3
24	ALLEY BOUNDED BY LINCOLN, N. 8TH, PINE & WALDO	RECONSTR.	32,800							EAST & NORTH LEGS, Extend N. Leg 60 feet, CR-2, 3
25	ALLEY BOUNDED BY N. 19TH, N. 20TH, MICHIGAN, PROSPECT	RECONSTR.	34,673							CR-3
26	SPRINGHILL DRIVE - WOODLAWN DR. TO WEST	OVERLAY		49,500						1989 Sealcoat, PASER CR-2
27	EDGEWOOD LN - 140' W. OF BROOKFIELD TO W. CUSTER	OVERLAY		36,000						San. Installed in 2005., PASER CR-4
28	ALLEY BOUNDED BY N. 7TH, N. 8TH, REED AVE., MAGNOLIA AVE.	RECONSTR.		41,000						CR-4, Drainage Complaints, Incl. \$23K for Stm. Swr.
29	MARSHALL ST. - S. LAKE ST. TO S. 7TH ST.	OVERLAY			40,250					Mill & Overlay North & South Parking Lane, CR-5
30	NW FRONTAGE RD. - DUFEK DR. TO I-TEC DRIVE	OVERLAY			24,000					PASER CR-3
31	GREEN ST. - S. 16TH TO S. 18TH ST.				54,000					1999 Sealcoat, PASER CR-5
32	SOUTH 7TH ST. - MARSHALL TO MADISON ST.				96,000					1994-1995 Sealcoat, PASER CR-5
33	SOUTH 15TH ST. - CLARK TO FRANKLIN ST.	OVERLAY			57,000					1997 Sealcoat, PASER CR-5
34	WASHINGTON ST. - SOUTH 25TH TO SOUTH 26TH ST.				22,500					1999 SealCoat, PASER CR-5
35	FARMER'S MARKET PARKING LOT	OVERLAY				250,000				
36	MEADOW COURT - MEADOW LN. TO MACARTHUR DR.	OVERLAY				25,000				PASER CR-6, Relay San. & Stm. Sewers
37	DIVISION ST. - SOUTH 10TH TO SOUTH 14TH ST.	OVERLAY				90,000				Last Treatment 1995, CR-5
38	NORTH 19TH ST. - MICHIGAN AVE. TO PROSPECT AVE.	OVERLAY				24,000				1999 SealCoat, PASER CR-6
39	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	OVERLAY				12,000				1989 SealCoat, PASER CR-4
40	SOUTH 7TH ST. - JAY ST. TO MARSHALL ST.	OVERLAY					87,000			1998 Sealcoat, PASER CR-5
41	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	OVERLAY					60,000			PASER CR-5
42	SOUTH 18TH ST. - WESTERN AVE. TO WOLLMER ST.	OVERLAY					33,000			PASER CR-5, 2001 Seal Coat
43	S. ALVERNO RD. - W. CUSTER ST. TO DUTCH RD.	OVERLAY					21,250			1996 SealCoat, PASER CR-5
44	PARK ST. - NORTH 10TH TO WEST						15,000			1981 Overlay, PASER CR-3
45	BROADWAY ST. - MICHIGAN AVE. TO 1,450 FT. SOUTHEAST	OVERLAY					45,000			PASER CR-6, Priority Ranking 6.8 Town of Mlwc. Rapids owns west half of the road
46	NORTH 5TH ST. - CLEVELAND TO NEW YORK AVE.	OVERLAY						69,000		1973 Pav't., Seal Coat In 1992 & 2003, CR-6
47	NORTH 5TH ST. - NEW YORK AVE. TO PINE ST.	OVERLAY						69,000		1976 Pav't., Seal Coat In 1992 & 2003, CR-6
48	NORTH 6TH ST. - PARK ST. TO CLEVELAND AVE.	OVERLAY						150,000		1975 Pav't., Seal Coat In 1993 & 2003, CR-5
49	SOUTH 17TH ST. - WASHINGTON TO MARSHALL	OVERLAY						42,000		PASER CR-5
50	SOUTH 20TH ST. - FRANKLIN TO WASHINGTON ST.	OVERLAY						42,000		1996 Sealcoat, PASER CR-5
51	NE FRONTAGE RD. - RAPIDS RD. TO I-43	OVERLAY						21,000		PASER CR-4 ??
TOTAL FOR ANNUAL CITY RESURFACING PROGRAM			\$105,723	\$126,500	\$293,750	\$401,000	\$261,250	\$393,000	N/A	\$1,581,223 ✓

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
CITY ARTERIAL/COLLECTOR PROGRAM:-										
62	DEWEY STREET - S. 26TH TO S. 35TH ST. (2,700 ft.)	RECONST	1,193,750							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. 26TH TO 400 FEET WEST OF S. 39TH ST. (1,750 Ft.)	RECONST	620,000							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
64	SOUTH 10TH ST. - DEWEY ST. TO VIEBAHN ST.	RECONST		834,000						PASER CR-3 & 4, Complaints.
55	S. RAPIDS RD. - CALUMET AVE. TO 750 FT. NORTH	RECONST			255,000					Concurrent with planned Meijer Store opening 6/2018.
56	SOUTH 30TH ST. - 725' S. OF YORKSHIRE LN. TO DEWEY ST.	RECONST				293,250				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			\$1,813,750	\$834,000	\$255,000	\$293,250	\$0	\$0	N/A	\$3,196,000 ✓

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

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				100,000	0			Constr. 2019, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
58	WALDO BLVD. - N. 5TH TO N. 8TH ST.	RECONSTR				100,000	0			Constr. 2019, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
59	WALDO BLVD. - N. 8TH TO FLEETWOOD DR.	RECONSTR				300,000	300,000			Constr. 2019/2020, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
60	WALDO BLVD. - FLEETWOOD TO N. RAPIDS RD.	RESURFACE				0	100,000			Constr. 2020, Per Revised State/Municipal Agreement May 12, 2015 Assume 10 % City Share
61	USH 161 (CALUMET AVE.) - S. RAPIDS RD. TO VALDERS	RESURFACE					150,000			City needs to fund portion from Raplds 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		\$0	\$0	\$0	\$0	\$0		N/A	
	CONSTRUCTION		\$0	\$0	\$0	\$500,000	\$550,000		N/A	
GRAND TOTAL FOR D.O.T. PROJECTS			\$0	\$0	\$0	\$500,000	\$550,000	\$0	N/A	\$1,050,000
GRAND TOTAL FOR ALL PAVING PROJECTS			\$2,224,223	\$1,396,450	\$1,322,750	\$1,827,870	\$1,662,250	\$1,356,250	N/A	\$9,789,792 ✓

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

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 SEWER	NEW	0							Need Easements, Permits, Wetland Delineation
63	SOUTH 14TH STREET LIFT STATION	UPGRADE			0					Per Foth & VanDyke Report (11/02)
64	SOUTH 19TH STREET LIFT STATION	DESIGN					0			Per Foth & VanDyke Report (11/02)
65	SOUTH 19TH STREET LIFT STATION	UPGRADE						0		
TOTAL FOR SANITARY INTERCEPTOR SEWERS:			\$0	\$0	\$0	\$0	\$0	\$0	N/A	\$0
ANNUAL SANITARY SEWER PROGRAM										
66	INFILTRATION & INFLOW (I&I) STUDY AREAS, REHAB PROJECTS		0	0	0					Flow Metering Project, Manhole Sealing
67	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RELAY	0							
68	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE	0							AREAS WITH 1950'S 1960'S CONC. PIPE
69	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS	0							LOCATIONS TOO DEEP FOR DPW CREWS
70	WALDO BLVD. SPECS. FOR DOT CONTRACT			0						
71	SOUTH 10TH ST. - DEWEY ST. TO MANITOU ST.	RELAY		0						MAINLINE ONLY & RECONNET LATERALS
72	SCHOOL ST. - N. 8TH TO NAGLE AVE.	RE-LINE		0						619' - 8" Relining
73	WALDO BLVD. SIDE STREETS - RE-LINING	RE-LINE		0						
74	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE		0						AREAS WITH 1950'S 1960'S CONC. PIPE
75	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS		0						LOCATIONS TOO DEEP FOR DPW CREWS
76	WALDO BLVD. EASEMENT N. 9TH to N. 11TH ST.	RE-LINE			0					W.W.T.F., 21 Inch Pipe
77	E. & W. CRESCENT DRIVE - WALDO TO SOUTH	LATERALS			0					W.W.T.F., Relay Laterals
78	HOMESTEAD RD. - KNUELL ST. TO RED FOX	NEW			0					
79	SOUTH 15TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY			0					W.W.T.F.
80	SOUTH 16TH ST. - FRANKLIN TO WASHINGTON ST.	RELAY			0					W.W.T.F.
81	SOUTH 15TH ST. - CLARK TO FRANKLIN ST.	RE-LINE			0					W.W.T.F.
82	SOUTH 30TH STREET - DIVISION TO DEWEY	REPAIRS			0					W.W.T.F.
83	GREEN STREET - S. 16TH TO S. 18TH ST.	RE-LINE			0					W.W.T.F.
84	REHABILITATION - RE-LINING VARIOUS SEWERS	RE-LINE			0					AREAS WITH 1950'S 1960'S CONC. PIPE
85	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS			0					LOCATIONS TOO DEEP FOR DPW CREWS

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

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

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
STORMWATER MANAGEMENT PROGRAM										
109	COMPREHENSIVE STORMWATER ENGINEERING STUDY		15,000	0	25,000	25,000	25,000	25,000		
110	DEWEY ST. POND - FENCE								35,000	Per a Request, 2,700'
111	ILLICIT DISCHARGE DETECTION & ELIMINATION									
112	POLLUTION PREVENTION PROGRAM									
113	REVISE STORMWATER MANAGEMENT PLAN				100,000					Update the 2000 & 2006 Earth Tech Plan
114	REVISE STORMWATER QUALITY PLAN				50,000					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.					50,000				POND # 111 IN MSA REPORT, DNR CONST. GRANT Indian Creek Park - Parking Lot
116	CONSTRUCT STORMWATER POND S.E. CORNER N. 8TH & ALBERT						475,000			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								765,000	BMP RANKING # 16
118	DUFEK DR. POND - VEGETATIVE PLANTINGS - NATIVE PRAIRE								35,000	Construction
TOTAL FOR STORMWATER MANAGEMENT:			\$15,000	\$0	\$175,000	\$75,000	\$500,000	\$25,000	N/A	\$790,000

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
STORM SEWER										
119	ANNUAL MINI-STORM SEWER PROGRAM	NEW	0	0	19,000	19,000	19,000	19,000		\$500 CONNECTION FEE PER SUMP PUMP ASSUME COST OF \$3,000 PER SUMP
120	ALLEY - MICHIGAN, PROSPECT, N. 19TH, N. 20TH	RE-LINE	25,000							
121	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RELAY	10,000							
122	AHRENS ST. - N. 12TH TO N. 16TH ST. (MINI-SEWER)	NEW	28,500							
123	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS	75,000							YMCA, BEST WESTERN, S. 26TH
124	BLUE RAIL BEACH - STORM SEWER REALIGNMENT			62,500						FUND FOR LAKE MICHIGAN GRANT
125	SOUTH 10TH ST. - DEWEY TO VIEBAHN ST.	RELAY		236,250						
126	W. CRESCENT DRIVE - WALDO to SOUTH	RELAY			45,000					
127	E. CRESCENT DRIVE - WALDO to SOUTH	RELAY			12,500					
128	SCHOOL ST. - N. 8TH TO N. 10TH ST.	RELAY			112,500					UPSIZING TO REDUCE FLOODING ON ORCHARD DR.
129	SOUTH 15TH STREET - FRANKLIN TO WASHINGTON ST.	NEW			56,250					
130	SOUTH 16TH STREET - FRANKLIN TO WASHINGTON ST.	RELAY			75,000					
131	GREEN STREET - SOUTH 16TH TO SOUTH 16TH ST.	REPAIR			10,000					
132	SOUTH 7TH STREET - MARSHALL TO MADISON ST.	REPAIRS			25,000					Replace Inlets & Leads at Marshall & Hamilton
133	SOUTH 30TH STREET - DIVISION TO DEWEY	RELAY			25,000					
134	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS			50,000					
135	E. ALBERT DRIVE - EAST OF JOHNSTON DRIVE	REPAIRS				12,500				
136	MEADOW COURT - MEADOW LANE TO MACARTHUR DRIVE	RELAY				25,000				Upsize sewer,
137	SOUTH 13TH STREET - FRANKLIN TO WASHINGTON ST.	NEW				56,250				
138	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	REPAIRS				10,000				
139	MACARTHUR DR. - W. OF MEADOW CT. TO DALE ST.	RELAY					86,250			
140	SOUTH 7TH STREET - JAY TO MARSHALL ST.	REPAIRS					75,000			
141	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	REPAIR					10,000			
142	MENASHA AVE. - N. 11TH TO WALDO	RELAY					37,500			
143	NORTH 12TH ST. - WALDO TO FAIRMONT ST.	RELAY					22,500			30" pipe to Low Point is part of Wilson Bowl Proj.
144	LANCER CIRCLE -	RELAY					86,250			
145	SOUTH 18TH ST. - WESTERN TO WOLLMER ST.	REPAIR					5,000			
146	PARK ST. - NORTH 10TH TO WEST	REPAIR					2,500			
147	SOUTH 10TH ST. - DEWEY TO MANITOU STREET	RELAY						60,000		
148	SOUTH 17TH ST. - WASHINGTON TO MARSHALL ST.	REPAIR						10,000		
149	SOUTH 20TH ST. - FRANKLIN TO WASHINGTON ST.	REPAIR						10,000		
150	FRANKLIN ST. - S. 21ST TO S. 26TH ST.	RELAY						150,000		
151	JOHNSTON DR. - REED AVE. TO E. MAGNOLIA AVE.	RELAY						12,500		
152	NORTH 10TH ST. - SCHOOL TO CHERRY RD	RELAY						56,250		UPSIZING TO REDUCE FLOODING ON ORCHARD DR.
153	NORTH 23RD ST. - FAIRMONT TO MENASHA AVE.	RELAY						150,000		
TOTAL FOR STORM SEWERS:			\$138,500	\$298,750	\$430,250	\$122,750	\$344,000	\$467,750		\$1,802,000

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

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							0	T.I.F. 1,300 LF @ \$70/LF,
155	WALDO & I-43 INTERSECTION	NEW							0	T.I.F.
TOTAL FOR WATER MAINS:			\$0	\$0	\$0	\$0	\$0	\$0	N/A	\$0
DOCKS & HARBOR										
MARINA -										
156	MAIN PARKING LOT		125,000		500,000					Patches, crackfilling & slurry seal & striping (33,000 SY) Prop. Reconstr. Of south half of lot, Possible Grant
157	DESIGN SERVICES FOR DOCK REPLACEMENT		126,000							
158	DOCK "E" REPLACEMENT		702,260							
159	BLUE RAIL PARKING LOT							25,000		Patches, crackfilling & slurry seal & striping (3,500 SY) Parallel & Abutting the Blue Rail Pier
160	DREDGING					250,000				
CAR FERRY -										
161	DOCKWALL REPLACEMENT			500,000						HAP GRANT MONEY
162	PARKING LOT					200,000				Whitotopping ??
163	SHORE PROTECTION (RIP RAP)					50,000				
MANITOWOC RIVER -										
164	STEEL SHEETING REPAIR BEHIND THE FORMER WF&L BLDG.								100,000	
165	STEEL SHEETING									
166	10TH ST. BRIDGE TO THE WEST - (NORTH SIDE)								250,000	Estimate 1,200 LF @ \$2,100/LF, 2006 ROLL-OVER
167	CLOSE OFF THE OLD BOAT LAUNCH SITE BY BEST WESTERN INN								200,000	76 LF Sheetpiling, Approx. 2,000 CY of Fill
168	10TH ST. BRIDGE TO THE WEST - (SOUTH SIDE)								0	
169	STATE ST. TO 400 FT. SOUTH AND 450 FT. NORTH								0	Estimate 1,200 LF @ \$1,000/LF
TOTAL FOR HARBOR & DOCKS:			\$953,260	\$500,000	\$500,000	\$500,000	\$0	\$25,000	N/A	\$2,478,260

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
MISCELLANEOUS CAPITAL WORKS:-										
170	NEW CONCRETE SIDEWALK PROGRAM		0	0	34,500	34,500	34,500	34,500		
171	REMOVE & REPLACE CONCRETE SIDEWALK PROGRAM		36,300	36,000	45,000	45,000	45,000	45,000		
172	PAVEMENT MARKING PROGRAM (EPOXY PAINT)		115,000	100,000	115,000	115,000	115,000	115,000		
173	CONCRETE CURB & GUTTER REPAIR/REPLACE PROGRAM		0	0	17,250	17,250	17,250	17,250		
174	RAILROAD CROSSING REPAIR PROGRAM		12,500	0	11,500	11,500	11,500	11,500		End Of Life Funds
175	HOMESTEAD RD. - KNUELL ST. TO RED FOX LN.	G&G			30,800					Grading & Graveling - Request from Owner
176	GRAVEL PIT		1,200,000	750,000	500,000	150,000	150,000	50,000		Continuing DNR Mandate, Remediation
177	TRAFFIC SIGNALS - REPLACE FAILED LOOP DETECTORS				15,000					Calumet/S. 41ST, End of Life Funds
178	TRAFFIC SIGNALS - REPLACE CONFLICT MONITORS		11,500		10,000	10,000	10,000			Replace Approx. 10 conflict monitors each year
179	TRAFFIC SIGNALS - REPLACE LED LIGHTS				18,000	40,000	40,000			Replace Approx. 20 Intersections each year
180	NORTH 8TH ST. @ WALDO - SIGN BRIDGE REPLACEMENT			15,000						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	25,000							Patching Delaminated Deck Areas & Sealing Deck
182	BROADWAY ST. BRIDGE - REPLACE EAST ABUT. EXPANSION JOINT		25,000							
183	SEALING BRIDGE DECKS -				120,875					REVERE, BROADWAY, 21ST, & MARITIME
184	MILL RD. BRIDGE - TUCK POINTING EAST ABUTMENT		15,000							
185	8TH & 10TH ST. BRIDGE - EVALUATE & RECOMM. SOFTWARE UPGRADE & EQUIPMENT									0
186	8TH & 10TH ST. BRIDGE - PLANS & SPECIFICATIONS FOR REPLACEMENT OF SOFTWARE & EQUIPMENT		0							
187	8TH & 10TH ST. BRIDGE - REPLACEMENT OF SOFTWARE & EQUIPMENT					0				
188	10TH STREET BRIDGE - REPAINTING DESIGN, PLANS & SPECS.			0						
189	10TH STREET BRIDGE - REPAINTING				0					Repaint the Bascule Spans of the Bridge
190	GIS MAPPING (ORTHO PHOTOS & PLANIMETRICS)						100,000			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.)					150,000				
TOTAL FOR MISCELLANEOUS CAPITAL WORKS			\$1,440,300	\$901,000	\$917,925	\$573,250	\$523,250	\$273,250	N/A	\$4,628,975 ✓

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
MARITIME METRO TRANSIT SYSTEM										
192	REPLACE 5 - 35 FOOT COACHES		304,000							Assume 80% Federal Funding
193	REPLACE 2 - 35 FOOT COACHES			192,000						Assume 80% Federal Funding
194	REPLACE 2 - 35 FOOT COACHES				192,000					Assume 80% Federal Funding
196	REPLACE TRANSIT DRIVERS VAN					3,800				Assume 80% Federal Funding
196	PARATRANSIT VAN						12,000			Assume 80% Federal Funding
TOTAL FOR MARITIME METRO TRANSIT			\$304,000	\$192,000	\$192,000	\$3,800	\$12,000	\$0	N/A	\$703,800

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
BUILDINGS AND GROUNDS										
CITIZENS PARK - AQUATICS CENTER										
197	POOL CAULKING		16,000							
198	VGBA DRAINAGE GRATES					20,000				
CITIZENS PARK - ARMORY BUILDING										
199	PARTIAL ROOF REPLACEMENT				18,000					
200	SIDING REPLACEMENT				20,000					
201	ADA PROJECTS				56,000					
202	GYM FLOOR REFINISHING					100,000				
203	PLANS & SPECS. TO REMODEL 1ST FLOOR OFFICE AREA					5,000				
204	INTO MULTI-PURPOSE RENTABLE SPACE									
205	REMODEL 1ST FLOOR OFFICE AREA INTO MULTI-PURPOSE						150,000			
206	RENTABLE SPACE									
CITY HALL										
207	REPLACEMENT OF TRUCK #907 (1997 FORD)				29,000					
208	REPLACEMENT OF TRUCK #908					35,000				
DPW BUILDING										
209	SECURITY CAMERAS				16,000					
210	HVAC - VEHICLE STORAGE GARAGE		35,000							Carry Forward
HALVERSON PARK										
211	REPAIR RESTROOM BUILDING									
LIFT STATION										
212	S. 19TH ST. - ROOF REPLACEMENT				8,500					
LINCOLN PARK & ZOO										
213	ZOO SECURITY CAMERAS		15,000							
214	BEAR & CAT ROOFS				42,000					
215	FIELDHOUSE ROOF REPLACEMENT				75,000					
216	ZOO STORAGE GARAGE				25,000					
MARINA FACILITIES										
217	REPLACEMENT OF "E" DOCK		366,000							
218	REPAIR AND PAINT ADMIN. BLDG.			32,000						
219	DECK REPLACEMENT - DOCKS A, B, C & D			0						
220	GAS HUT REPAIR									
221	2ND FLOOR MEN'S RESTROOM - FLOOR REPAIR									
222	PAINT LIGHT POLES				5,200					
223	DOCK GATE REPAIRS									

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
RAHR-WEST MUSEUM										
224	CARPET REPLACEMENT				29,893					
225	BOILER REPLACEMENT				60,400					2014 End of Life Funds
226	SIDING/ARCHITECTURAL DETAIL REPAIR		24,000							Carry Forward
227	AUGMENT CAMERA SECURITY SYSTEM				6,700					
228	HVAC - ROOF TOP UNITS				70,000					
229	WALL SURFACE REPLACEMENT				35,000					
230	LANDSCAPING				45,000					
231	EXTERIOR PAINT						20,000			
SAFETY BUILDING										
232	ENLARGE MAIN OVERHEAD DOOR		16,000							
233	ENVELOPE REPAIRS				33,710					
234	BUILDING AUTOMATION SYSTEM				68,623					
235	CENTRAL CHILLER REPLACEMENT				113,400					
236	LIGHTING UPGRADE				45,000					
237	BOILER REPLACEMENT				125,000					
238	CARPETING				65,000					
SENIOR CENTER										
239	BOILER REPLACEMENT				60,400					
240	ACCORDION ROOM DIVIDERS				50,000					
241	HANDICAP DOOR OPENERS				6,500					
242	CONVENTION OVEN				4,000					
243	LIGHTING UPGRADE				17,000					
SILVER CREEK PARK										
244	FIELDHOUSE - WINDOW REPLACEMENT (PARTIAL)		14,000							Carry Forward
245	FIELDHOUSE - RENOVATIONS			125,000						
TOTAL FOR BUILDING & GROUNDS			\$486,000	\$157,000	\$1,130,326	\$160,000	\$170,000	\$0	N/A	\$2,103,326 ✓

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
DPW MACHINERY AND EQUIPMENT										
246	Replace 2000 Ford Escort		20,000							
247	Two New Dump Beds fro One Ton Trucks (#32 & #34)		13,000							
248	1988 Landa 3000 Steamer/Pressure Washer		13,000							
249	Two Arrow Board Trallers (#197 & #198)		12,000							
250	1998 Volvo Front End Loader w/ Plow, Wing & Grapple Bucket			255,000						
251	Snowblower = 79 Klauer-Snogo			98,000						
252	Replace #11 - (1999 Ford Taurus)				23,000					
253	4 x 4 Ranger Supercab Pickup Truck = 2003 Ford				35,000					
254	4 x 4 Ranger Supercab Pickup Truck = 2003 Ford				35,000					
255	4 x 4 Ranger Supercab Pickup Truck = 2003 Ford				35,000					
256	Tire Machine				10,000					
257	Pelican Sweeper = 99 Elgin				225,000					
258	DECK FOR CALCIUM CHLORIDE TANK					20,000				
259	1-Ton Flatbed = 95 Chevrolet					40,000				
260	4 x 4 Diesel Tractor w/Plow and Mower Deck = 95 John Deere					110,000				
261	4 x 4 Diesel Tractor w/Plow and Mower Deck = 95 John Deere					110,000				
262	1 Ton Service Truck = 95 Chevrolet					45,000				
263	1 Ton Flatbed Truck = 95 Chevrolet					40,000				
264	1997 Chev. C8500 (#42)					86,000				
265	Tractor/Loader/Backhoe = 99 Ford						125,000			
266	Whirlwind Sweeper (2008 Elgin)						240,000			
267	Whirlwind Sweeper (2008 Elgin)						240,000			
268	Crew Cab 4-Door 4 x 4 Pickup Truck = 94 Ford						45,000			
269	2003 Tandum 10 Yrd. Truck w/plow & wing (#73)							155,000		
270	2003 Tandum 10 Yrd. Truck w/plow & wing (#78)							155,000		
271	2001 Vac-Con Jetter (Trk #54)							300,000		
272	2002 John Deere Bucket Tractor #103								110,000	
273	2002 John Deere Bucket Tractor #105								110,000	
274	5 Yard Dump Truck with Plow and Lodal Attachment = 03 International								125,000	
TOTAL FOR DPW MACHINERY & EQUIPMENT			\$58,000	\$353,000	\$363,000	\$451,000	\$650,000	\$610,000	N/A	\$2,485,000

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 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				40,000					
276	JOHN DEERE LOADER-BACKHOE (1994 John Deere)					130,000				
TOTAL FOR CEMETERY MACHINERY & EQUIPMENT			\$0	\$0	\$40,000	\$130,000	\$0	\$0	N/A	\$170,000
PARKS MACHINERY AND EQUIPMENT										
277	Vermeer Brush Chipper (1997)		35,000							
278	3/4-Ton 4x4 Pickup Truck w/Plow = 1996 Chevrolet		32,000							
279	C8500 Refuse Collection Truck (2001)		130,000							
280	Trackless MT5 4x4 (2000)			104,000						
281	Trackless MT5 4x4 (2000)				130,000					
282	Ranger 4x4 Pickup Truck for Zoo = 2003 Ford				25,000					
283	C2500 Chassis Cab Pickup Truck = 1997 Chevrolet				35,000					
284	Ram 2500 4x4 Pickup Truck = 1999 Dodge				35,000					
285	Ram 2500 4x4 Pickup Truck = 1999 Dodge				35,000					
286	Ram 2500 4x4 Pickup Truck = 1999 Dodge				35,000					
287	F350 Chassis Cab 1-Ton Dump Truck w/ealt unit = 97 Ford					50,000				
288	John Deere 4 Wheel Drive Tractor (1992 John Deere)					60,000				
289	4x4 Tractor w/LDR/Mower/Tiller = 1995 John Deere					40,000				
290	4x4 Diesel Tractor w/loader/grapple = 2004 Case					70,000				
291	C7500 Aerial Bucket Truck = 1999 Chev.						170,000			
291	Single Axle Dump Truck w/plow = 1993 GMC (#643)							120,000		
292	LAWN MOWERS		0	2,000	2,000	2,000				
293	ZTRAK RIDING LAWN MOWERS (2)		23,600	10,000	10,000	10,000	10,000	10,000		
TOTAL FOR PARKS MACHINERY & EQUIPMENT			\$220,600	\$116,000	\$307,000	\$232,000	\$180,000	\$130,000	N/A	\$1,185,600

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 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				20,000					Grant &/or Donations ??
	CITIZENS PARK									
295	3 Tennis Courts & 2 Basketball Courts Restore (Tiles)			100,000						
296	Fence Repairs & Replacement on Diamonds 2 & 3				5,000					
297	Playground Replacement & ADA Access					30,000				
298	Diamond Laser Grading						10,000			
	DALE STREET PARK									
299	Open Air Shelter								25,000	
	DEWEY STREET PARK									
300	ADA Accessible Protective Playground Surface - Phase II			74,230						
301	Complete Skateboard Park								????	
	EVERGREEN CEMETERY									
302	Surveying/Staking for Corner Markers in Section X				5,000					
304	Asphalt Paving (Mill & Overlay) Sections B & S						50,000			
305	Waterline Replacement								200,000	
	FLEETWOOD DRIVE - PARK'S DEPT. SHOP									
306	Entrance Roadway Reconstruction				60,000					
307	Parking Lot Reconstruction					500,000				175' Entrance - 825 SY - 8" Doweled Concrete Pavement Remainder of Area is approx. 15,300 SY
	FLEETWOOD PARK									
308	Tennis Courts (Color Surface Only)						20,000			Resurface & Repaint
309	Open Air Shelter								25,000	
	HALVERSON PARK									
310	Playground Replacement & ADA Access							30,000		
	INDIAN CREEK PARK									
311	Pedestrian Bridge on N.W. Corner of the Park				50,000					
312	Parking Lot							150,000		
313	Restroom Facilities							150,000		

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
LINCOLN PARK										
314	Roadways - South Loop				350,000					Including Zoo Parking Lot Add Additional Parking Area by Tennis Courts
315	Roadways - North Loop					250,000				
316	Watermain Loop - N. 8th to Reed Ave.					175,000				
317	Tennis Court Bridge Repairs						10,000			
LINCOLN PARK ZOO										
318	Reed Ave. Parking Lot							100,000		Asphalt Paving Parking Lot (450 x 12) 8" Concrete Pavement
319	Roadway - Reed Ave. Parking Lot to Concession Stand				60,000					
320	Diamond Laser Grading					10,000				
MARINERS TRAIL										
321	E. Reed Ave. to 700 ft. South			40,000						Reconstruction - same location & width
MUNICIPAL FIELD										
322	Parking Lot				25,000					Asph. Patching, Crackfilling, Sealing & Re-Striping
323	Install Sump Pits & Repair Pipe for Storm Water				15,000					
RED ARROW PARK & BEACH										
324	Entertainment Stage			67,500						
325	Replace Fence on 1 Ball Diamond						30,000			
326	Diamond Laser Grading							10,000		
RHEAUME PARK										
327	Parking Lot Reconstruction				70,000					
328	Storm Sewer North of Parking Lot				17,500					
RIVERVIEW PARK										
329	Playground Replacement w/ ADA Access						30,000			
SCHUETTE PARK										
330	Fence Replacement									Wood Chips & Gravel paths Replace Exist. Wood Steps, Connect Lower to Upper
331	Lower Schuette Park Trail Culvert Repair		3,840							
332	Trail Restoration			50,000						
333	Stairway				50,000					
334	Removal of Old Fitness Equipment					15,000				

CAPITAL WORKS PROGRAM WORK SHEET ---- ESTIMATED NET CITY COSTS - 2016 THRU 2021

NO.	PROJECTS	DESC	2016	2017	2018	2019	2020	2021	UNPRGM	COMMENTS
SILVER CREEK PARK										
335	Bridge Repairs to 3 Bridges					23,000				
336	Replace 5 Outdoor Water Fountains					12,000				
337	Trail Repairs							20,000		
SILVERIDGE PARK										
338	Playground Equipment					50,000				
339	Rest Rooms & Open Air Shelter						125,000			Similar to Mantou Park
WASHINGTON PARK										
340	Playground Replacement & ADA Access				30,000					
WESTFIELD PARK										
341	Diamond Laser Grading				10,000					
342	Replace Non-Compliant Bleachers				13,000					
343	Replace or Repair Diamond Fence							10,000		
OTHER MISC. CAPITAL IMPROVEMENTS										
344	Comprehensive Outdoor Plan Update		35,000							
345	Replace Bleachers		10,500		12,000					West Field & Municipal Field
346	Repair or Replace Basketball Hoops						30,000			
347	Ball Diamond - Line Painting Machine									
348	30 Benches for Tennis Courts & Repl. of Rental Benches		6,900		7,500	7,500				Replace 30 Each Year
349	Ball Diamond Light Fixture Hardware Replacement		17,500							
TOTAL FOR PARKS			\$73,740	\$331,730	\$800,000	\$1,072,500	\$305,000	\$470,000	N/A	\$3,052,970 ✓
GRAND TOTAL			\$5,913,623 ✓	\$4,245,930 ✓	\$6,178,251 ✓	\$5,148,170 ✓	\$4,002,500	\$3,357,250	N/A	\$28,845,723

NOTES: 1) ALL COSTS ARE 2016 DOLLARS

2,459,550

27,302,773