

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2015 THRU 2019

NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
STREETS:-									
ANNUAL CITY PAVING PROGRAM									
1	W. CRESCENT DRIVE - WALDO BLVD. TO SOUTH	RECONST.	304,750						Paved 1973, PASER CR-4, Priority Ranking 10.6
2	MOSIE COURT - WILD OAK DR. TO SOUTHWEST	NEW	132,250						WOODRIDGE NO. 8, Per PI Comm (3/14)
3	TATUM COURT - WILD OAK DR. TO NORTHEAST	NEW	80,500						WOODRIDGE NO. 8, Per PI Comm (3/14)
4	WILD OAK DRIVE - KEEGAN TO MOSIE CT.	NEW	80,500						WOODRIDGE NO. 8, Per PI Comm (3/14)
5	MEMORIAL & LILAC DR. - ISLAND MODIFICATIONS	RECONST.	115,000						Per Businesses & County Request
6	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R	0						
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	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RECONST		300,000					PASER CR-4, Priority Ranking 10.6, Orig. Pav't. 1976
10	S. 35TH ST. - CALUMET AVE. TO 180 FEET SOUTH	RECONST.		105,000					Paved 1977, PASER CR-5, Priority Ranking 10.6 Put Loop Detector in Conduit ??
11	E. ALBERT DRIVE - JOHNSTON DR. TO EAST	RECONST.		330,000					PASER CR-3, Orig. Const. 1979
12	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R		150,000					
13	NORTH 7TH ST. - 290 FT. NORTH OF REED AVE. TO MAGNOLIA AVE.	RECONST			380,000				PASER CR-5, Priority Ranking 10.6, Orig. Pav't. 1976
14	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R			100,000				
15	DUFEK DRIVE - WEST DRIVE TO 500 FEET NORTH	R&R			150,000				500 ft. x 24 ft. slab replacement, Orig. Paved 1990 PASER CR-5, Priority Ranking 8.9
16	NORTH 10TH ST - SCHOOL ST. TO CHERRY RD.	RECONST				295,000			1959 Pavement, PASER CR-5, Ranking 8.9
17	NORTH 12TH ST. - WALDO BLVD. TO FAIRMONT ST.	RECONST				260,000			G.M. 8/11/04, Comm. didn't like Cul-de-Sac at Waldo PASER CR-5, Priority Ranking 9.0
18	MENASHA AVENUE - NORTH 11TH ST. TO WALDO BLVD.	RECONST				305,000			Per G.M. 9/20/04, Coordinate w/ Waldo Reconstr. PASER CR-5, Priority Ranking 16.4
19	SLAB REPLACEMENT - VARIOUS LOCATIONS	R&R				100,000			
20	CLIPPER DRIVE - S. 41ST ST. TO CUSTER ST.	RECONST					660,000		Orig. Const. 1979, PASER CR-5 2012
21	WILD OAK DRIVE - STONEY BROOK DR. TO MOSIE CT.	NEW					190,000		WOODRIDGE NO. 8, Delayed per Request (7/11)
22	STONEY BROOK DR. - 175' EAST OF & 250' WEST OF WILD OAK DR.	NEW					90,000		WOODRIDGE NO. 8, Delayed per Request (7/11)
23	JOHNSTON DR. & E. MAGNOLIA AVE. INTERSECTION	RECONST					40,000		Repl. Settled Slabs from CBCWA Pipeline
24	JOHNSTON DR. - REED AVE. TO E. MAGNOLIA AVE.	RECONST					455,000		PASER CR-4, Priority Ranking 19.2, Orig. Pav't. 1965
TOTAL FOR ANNUAL CITY PAVING PROGRAM			\$713,000	\$1,205,000	\$630,000	\$960,000	\$1,435,000	N/A	\$4,943,000

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NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
ANNUAL CITY RESURFACING PROGRAM									
25	MARSHALL ST. - S. LAKE ST. TO S. 7TH ST.	OVERLAY	40,250						Mill & Overlay North & South Parking Lane, CR-5
26	SPRING STREET - MICHIGAN AVE. TO 500 FEET SOUTHWEST	OVERLAY	57,500						1996 Overlay, PASER CR-3
27	EDGEWOOD LN - 140' W. OF BROOKFIELD TO W. CUSTER	OVERLAY	103,500						San. Installed in 2005., PASER CR-4
28	ALLEY BOUNDED BY LINCOLN, N. 8TH, PINE & WALDO	RECONSTR.	46,000						EAST & NORTH LEGS, Extend N. Leg 50 feet, CR-2, 3
29	ALLEY BOUNDED BY N. 7TH, N. 8TH, REED AVE., MAGNOLIA AVE.	RECONSTR.	57,500						CR-4, Drainage Complaints
30	SPRINGHILL DRIVE - WOODLAWN DR. TO WEST	OVERLAY		165,000					1989 Sealcoat, PASER CR-2
31	ALLEY BOUNDED BY N. 19TH, N. 20TH, MICHIGAN, PROSPECT	RECONSTR.		45,000					CR-3
32	NW FRONTAGE RD. - DUFEK DR. TO I-TEC DRIVE	OVERLAY		80,000					PASER CR-3
33	NE FRONTAGE RD. - RAPIDS RD. TO I-43	OVERLAY		70,000					PASER CR-4 ??
34	UNKNOWN GRIND & OVERLAY	OVERLAY		0					
35	MEADOW COURT - MEADOW LN. TO MACARTHUR DR.	OVERLAY			50,000				PASER CR-6, Relay San. & Strm. Sewers
36	GREEN ST. - S. 16TH TO S. 18TH ST.	OVERLAY			90,000				1999 Sealcoat, PASER CR-5
37	SOUTH 7TH ST. - MARSHALL TO MADISON ST.	OVERLAY			160,000				1994-1995 Sealcoat, PASER CR-5
38	SOUTH 15TH ST. - CLARK TO FRANKLIN ST.	OVERLAY			95,000				1997 Sealcoat, PASER CR-5
39	WASHINGTON ST. - SOUTH 25TH TO SOUTH 26TH ST.	OVERLAY			45,000				1999 SealCoat, PASER CR-5
40	UNKNOWN GRIND & OVERLAY	OVERLAY			0				
41	FARMER'S MARKET PARKING LOT	OVERLAY				185,000			
42	SOUTH 7TH ST. - JAY ST. TO MARSHALL ST.	OVERLAY				145,000			1998 Sealcoat, PASER CR-5
43	SOUTH 17TH ST. - WASHINGTON TO MARSHALL	OVERLAY				70,000			PASER CR-5
44	SOUTH 20TH ST. - FRANKLIN TO WASHINGTON ST.	OVERLAY				70,000			1996 Sealcoat, PASER CR-5
45	NORTH 19TH ST. - MICHIGAN AVE. TO PROSPECT AVE.	OVERLAY				40,000			1999 SealCoat, PASER CR-6
46	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	OVERLAY				20,000			1999 SealCoat, PASER CR-4
47	UNKNOWN GRIND & OVERLAY	OVERLAY				0			
48	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	OVERLAY					100,000		PASER CR-5
49	SOUTH 18TH ST. - WESTERN AVE. TO WOLLMER ST.	OVERLAY					55,000		PASER CR-5, 2001 Seal Coat
50	S. ALVERNO RD. - W. CUSTER ST. TO DUTCH RD.	OVERLAY					85,000		1995 SealCoat, PASER CR-5
51	PARK ST. - NORTH 10TH TO WEST	OVERLAY					30,000		1981 Overlay, PASER CR-3
52	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									
TOTAL FOR ANNUAL CITY RESURFACING PROGRAM			\$304,750	\$360,000	\$440,000	\$530,000	\$360,000	N/A	\$1,994,750

CAPITAL WORKS PROGRAM WORK SHEET----CONCEPTUAL PROJECT COST ESTIMATES - 2015 THRU 2019

NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
CITY ARTERIAL/COLLECTOR PROGRAM:-									
53	DEWEY STREET - S. 26TH TO S. 35TH ST. (2,700 ft.)	RECONST	1,742,250						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	DEWEY STREET - S. 35TH TO 400 FEET WEST OF S. 39TH ST. (1,750 Ft.)	RECONST	862,500						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
55	SOUTH 30TH ST. - 725' S. OF YORKSHIRE LN. TO DEWEY ST.	RECONST			425,000				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			\$2,604,750	\$0	\$425,000	\$0	\$0	N/A	\$3,029,750

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NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
D.O.T. 6 YEAR PROGRAM:-									
56	WALDO BLVD. - MEMORIAL DR. TO N. RAPIDS RD.	DESIGN & LAND ACQUISITION	175,000						EXTRA DESIGN COSTS @ 25% LAND ACQUISITION IN 2015 DOT TO REIMBURSE LAND @ 100%
57	WALDO BLVD. - MEMORIAL DR. TO N. 5TH ST.	RESURFACE				100,000			Constr. 2018, Per State/Muni Agreement Signed\ April 4, 2011 Assume 10 % City Share
58	WALDO BLVD. - N. 5TH TO N. 8TH ST.	RECONSTR				100,000			Constr. 2018, Per State/Muni Agreement Signed\ April 4, 2011 Assume 10 % City Share
59	WALDO BLVD. - N. 8TH TO FLEETWOOD DR.	RECONSTR				600,000			Constr. 2018, Per State/Muni Agreement Signed\ April 4, 2011 Assume 10 % City Share
60	WALDO BLVD. - FLEETWOOD TO N. RAPIDS RD.	RESURFACE				100,000			Constr. 2018, Per State/Muni Agreement Signed\ April 4, 2011 Assume 10 % City Share
61	SOUTH 10TH ST. - DEWEY TO VIEBAHN STREET	DESIGN		150,000					Hire Consultant for Design ? City to Fund Design 100%
62	SOUTH 10TH ST. - DEWEY TO VIEBAHN STREET	RECONST					1,400,000		Assume 80% State Funds & 20% City Funds Submitted STP Urban Application to DOT 6/11/2013, but Funding was not approved.
D.O.T. PROJECTS									
	LAND ACQUISITION		\$0	\$0	\$0	\$0	\$0		
	ENGINEERING COSTS		\$150,000	\$0	\$0	\$0	\$0	N/A	
	CONSTRUCTION COSTS		\$0	\$0	\$0	\$900,000	\$1,400,000	N/A	
GRAND TOTAL COST FOR D.O.T. PROJECTS			\$150,000	\$0	\$0	\$900,000	\$1,400,000	N/A	\$2,450,000
GRAND TOTAL FOR ALL PAVING PROJECTS			\$3,772,500	\$1,565,000	\$1,495,000	\$2,390,000	\$3,195,000	N/A	\$12,417,500

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NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
SANITARY INTERCEPTOR SEWERS, LIFT STATIONS, & FORCE MAINS									
63	HORSESHOE DRIVE LIFT STATION	UPGRADE	345,000						Per Foth & VanDyke Report (11/02)
64	ABANDON LAWTON TERR. LIFT STATION W/INTERCEPTOR SEWER	NEW		450,000					Need Easements, Permits, Wetland Delineation
65	SOUTH 14TH STREET LIFT STATION	DESIGN	50,000						
66	SOUTH 14TH STREET LIFT STATION	UPGRADE			400,000				Per Foth & VanDyke Report (11/02)
67	SOUTH 19TH STREET LIFT STATION	DESIGN				50,000			Per Foth & VanDyke Report (11/02)
68	SOUTH 19TH STREET LIFT STATION	UPGRADE					350,000		
TOTAL FOR SANITARY INTERCEPTOR SEWERS:			\$395,000	\$450,000	\$400,000	\$50,000	\$350,000	N/A	\$1,645,000

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NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
ANNUAL SANITARY SEWER PROGRAM									
69	INFILTRATION & INFLOW (I&I) STUDY AREAS		25,000	25,000	25,000	25,000	25,000		Flow Metering Project
70	W. CRESCENT DRIVE - WALDO TO SOUTH	REPAIRS	69,000						W.W.T.F., Possible Slip Lining
71	SOUTH 7TH ST. - FRANKLIN TO WASHINGTON ST.	RE-LINE	34,500						Re-Line 20" VCP (1891)
72	DEWEY ST & S, 23RD ST. INTERSECTION	RELAY	28,750						
73	HAMILTON ST. - S. LAKE ST. TO S. 7TH ST.	RELAY	51,750						
74	WALDO BLVD. - FLEETWOOD TO N. RAPIDS RD. (NORTH SIDE ONLY)	RE-LINE	109,250						3,300 LF - 8"
75	REHABILITATION - SLIP LINING VARIOUS SEWERS	RE-LINE	115,000						AREAS WITH 1950'S 1960'S CONC. PIPE
76	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS	115,000						LOCATIONS TOO DEEP FOR DPW CREWS
77	E. CRESCENT DRIVE - WALDO TO SOUTH	REPAIRS		50,000					W.W.T.F., Possible Re-Lining
78	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RELAY		15,000					
79	REHABILITATION - SLIP LINING VARIOUS SEWERS	RE-LINE		150,000					AREAS WITH 1950'S 1960'S CONC. PIPE
80	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS		150,000					LOCATIONS TOO DEEP FOR DPW CREWS
81	MEADOW COURT - MEADOW LANE TO MACARTHUR DRIVE	RELAY			50,000				W.W.T.F.,
82	SOUTH 15TH ST. - CLARK TO FRANKLIN ST.	RE-LINE			40,000				W.W.T.F.
83	GREEN STREET - S. 16TH TO S. 18TH ST.	RE-LINE			22,500				
84	SOUTH 30TH STREET - DIVISION TO DEWEY	REPAIRS			20,000				W.W.T.F.
85	NORTH 7TH ST. - 290 FT. NORTH OF REED AVE. TO MAGNOLIA AVE.	RELAY			35,000				
86	REHABILITATION - SLIP LINING VARIOUS SEWERS	RE-LINE			150,000				AREAS WITH 1950'S 1960'S CONC. PIPE
87	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS			150,000				LOCATIONS TOO DEEP FOR DPW CREWS
88	WALDO BLVD. - LINCOLN BLVD. TO N. 23RD ST.	RELAY				750,000			RELAY MAINLINE AND LATERALS
89	SOUTH 17TH ST. - WASHINGTON TO MARSHALL ST.	RE-LINE				25,000			
90	SOUTH 20TH STREET - FRANKLIN TO WASHINGTON	RE-LINE				25,000			W.W.T.F.
91	NORTH 12TH ST. - WALDO TO FAIRMONT ST.	RELAY				70,000			W.W.T.F.
92	MENASHA AVE. - N. 11TH TO WALDO	RELAY				65,000			W.W.T.F.
93	NORTH 19TH ST. - MICHIGAN AVE. TO PROSPECT AVE.	RE-LINE				25,000			
94	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	RE-LINE				25,000			
95	SCHOOL ST. - N. 8TH TO NAGLE AVE.	RE-LINE				15,000			519' - 8" Relining
96	NORTH 10TH ST. - SCHOOL TO CHERRY RD.	RELAY				20,000			Laterals Only, Mainline Relined in 2007
97	REHABILITATION - SLIP LINING VARIOUS SEWERS	RE-LINE				50,000			AREAS WITH 1950'S 1960'S CONC. PIPE
98	VARIOUS SANITARY SEWER SPOT RELAYS	REPAIRS				50,000			LOCATIONS TOO DEEP FOR DPW CREWS
99	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.	RE-LINE					30,000		Dual Mains (8" & 15")
100	SOUTH 10TH ST. - DEWEY TO VIEBAHN STREET	RELAY					250,000		W.W.T.F.
101	SOUTH 18TH ST. - WESTERN TO WOLLMER ST.	RE-LINE					15,000		449' - 8" Relining
102	PARK ST. - NORTH 10TH TO WEST	REPAIR					5,000		
103	JOHNSTON DR. - REED AVE. TO E. MAGNOLIA AVE.	RELAY					35,000		831' - 8" Relining
TOTAL FOR SANITARY SEWERS:			\$548,250	\$390,000	\$492,500	\$1,145,000	\$360,000	N/A	\$2,935,750
GRAND TOTAL FOR INTERCEPTORS, LIFT STATIONS & ANNUAL SANITARY SEWERS			\$943,250	\$840,000	\$892,500	\$1,195,000	\$710,000	N/A	\$4,580,750

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NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
STORMWATER MANAGEMENT PROGRAM									
104	COMPREHENSIVE STORMWATER ENGINEERING STUDY		25,000	25,000	25,000	25,000	25,000		
105	DEWEY ST. POND - VEGETATIVE PLANTINGS - NATIVE PRAIRE		15,000						Repairs
106	DEWEY ST. POND - FENCE			35,000					Per a Request, 2,700' in 2016??
107	ILLICIT DISCHARGE DETECTION & ELIMINATION								
108	POLLUTION PREVENTION PROGRAM								
109	REVISE STORMWATER MANAGEMENT PLAN			100,000					Update the 2000 Earth Tech Plan
110	REVISE STORMWATER QUALITY PLAN			50,000					Update the 2006 MSA Plan
STORMWATER QUALITY - BMP'S FOR DNR MS-4 PERMIT									
111	DESIGN STORMWATER POND ON ALBERT DRIVE					25,000			POND # 111 IN MSA REPORT, DNR CONST. GRANT Indian Creek Park - Parking Lot
112	CONSTRUCT STORMWATER POND S.W. CORNER DUFEK & WEST							850,000	BMP RANKING # 16
113	DUFEK DR. POND - VEGETATIVE PLANTINGS - NATIVE PRAIRE							35,000	Construction
TOTAL FOR STORMWATER MANAGEMENT:			\$40,000	\$210,000	\$25,000	\$50,000	\$25,000	N/A	\$350,000

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NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
STORM SEWER									
114	ANNUAL MINI-STORM SEWER PROGRAM	NEW	17,250	17,250	17,250	17,250	17,250		\$500 CONNECTION FEE PER SUMP PUMP ASSUME COST OF \$3,000 PER SUMP
115	W. CRESCENT DRIVE - WALDO to SOUTH	RELAY	57,500						
116	ALLEY - N. OF REED AVE., N. 7TH TO N. 8TH ST.	NEW	23,000						
117	DEWEY ST. - S. 26TH TO S. 35TH ST.	NEW	115,000						Drain tile, etc.
118	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS	86,250						Relay Culverts Crossing Magnolia Ave. @ Golf Course
119	NORTH 6TH ST. - REED AVE. TO 700 FT. NORTH	RELAY		10,000					
120	E. CRESCENT DRIVE - WALDO to SOUTH	RELAY		25,000					
121	SCHOOL ST. - N. 8TH TO N. 10TH ST.	RELAY		150,000					UPSIZE TO REDUCE FLOODING ON ORCHARD DR.
122	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS		50,000					
123	MEADOW COURT - MEADOW LANE TO MACARTHUR DRIVE	RELAY			50,000				Upsize sewer, 2016
124	SOUTH 7TH STREET - MARSHALL TO MADISON ST.	REPAIRS			25,000				Replace Inlets & Leads at Marshall & Hamilton
125	SOUTH 30TH STREET - DIVISION TO DEWEY	RELAY			25,000				
126	NORTH 7TH ST. - 290 FT. NORTH OF REED AVE. TO MAGNOLIA AVE.	RELAY			20,000				
127	GREEN STREET - SOUTH 16TH TO SOUTH 18TH ST.	REPAIR			10,000				
128	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS			50,000				
129	PROSPECT AVE. - N. 19TH TO N. 20TH ST.	REPAIRS				10,000			
130	SOUTH 7TH STREET - JAY TO MARSHALL ST.	REPAIRS				75,000			
131	SOUTH 17TH ST. - WASHINGTON TO MARSHALL ST.	REPAIR				10,000			
132	SOUTH 20TH ST. - FRANKLIN TO WASHINGTON ST.	REPAIR				10,000			
133	NORTH 12TH ST. - WALDO TO FAIRMONT ST.	RELAY				45,000			30" pipe to Low Point is part of Wilson Bowl Proj.
134	MENASHA AVE. - N. 11TH TO WALDO	RELAY				75,000			
135	NORTH 10TH ST. - SCHOOL TO CHERRY RD	RELAY				75,000			UPSIZE TO REDUCE FLOODING ON ORCHARD DR.
136	MISCELLANEOUS STORM SEWER RELAYS/REPAIRS	REPAIRS				0			
137	SOUTH 9TH ST. - WASHINGTON TO MARSHALL ST.						10,000		
138	SOUTH 10TH ST. - DEWEY TO VIEBAHN STREET	RELAY					300,000		
139	SOUTH 18TH ST. - WESTERN TO WOLLMER ST.						5,000		
140	PARK ST. - NORTH 10TH TO WEST	REPAIR					2,500		
141	JOHNSTON DR. - REED AVE. TO E. MAGNOLIA AVE.	RELAY					25,000		
TOTAL FOR STORM SEWERS:			\$299,000	\$252,250	\$197,250	\$317,250	\$359,750		\$1,425,500

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NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
WATER MAIN (CITY DEVELOPMENT ONLY)									
142	FESSLER DRIVE - LOOP STREET NORTH & SOUTH OF VITS DR.	NEW						100,000	T.I.F. 1,300 LF @ \$70/LF,
143	WALDO & I-43 INTERSECTION	NEW						500,000	T.I.F.
TOTAL FOR WATER MAINS:			\$0	\$0	\$0	\$0		N/A	\$0
DOCKS & HARBOR									
144	MARINA -								
	MAIN PARKING LOT			125,000					Patches, crackfilling & slurry seal & striping (33,000 SY)
	BLUE RAIL PARKING LOT				25,000				Patches, crackfilling & slurry seal & striping (3,500 SY)
	DREDGING				250,000				Parallel & Abutting the Blue Rail Pier
145	CAR FERRY -								
	PARKING LOT				200,000				Whitetopping ??
	SHORE PROTECTION (RIP RAP)			50,000					
146	MANITOWOC RIVER -								
	STEEL SHEETING REPAIR BEHIND THE FORMER WF&L BLDG.							100,000	
	STEEL SHEETING								
	10TH ST. BRIDGE TO THE WEST - (NORTH SIDE)							2,500,000	Estimate 1,200 LF @ \$2,100/LF, 2006 ROLL-OVER
	CLOSE OFF THE OLD BOAT LAUNCH SITE BY BEST WESTERN INN							200,000	75 LF Sheetpiling, Approx. 2,000 CY of Fill
	10TH ST. BRIDGE TO THE WEST - (SOUTH SIDE)							2,550,000	Estimate 1,700 LF @ \$1,500/LF
	STATE ST. TO 400 FT. SOUTH AND 450 FT. NORTH							1,800,000	Estimate 1,200 LF @ \$1,500/LF
TOTAL FOR HARBOR & DOCKS:			\$0	\$175,000	\$475,000	\$0	\$0	N/A	\$650,000

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NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
MISCELLANEOUS CAPITAL WORKS:-									
147	ANNUAL SIDEWALK PROGRAM - NEW		0	60,000	60,000	60,000	60,000		
148	ANNUAL SIDEWALK PROGRAM - REMOVE & REPLACE		115,000	115,000	115,000	115,000	115,000		
149	ANNUAL PAVEMENT MARKING PROGRAM (EPOXY PAINT)		115,000	115,000	115,000	115,000	115,000		
150	ANNUAL CURB & GUTTER PROGRAM		11,500	11,500	11,500	11,500	11,500		2015 - Riverview Dr. from Meadow Ln. to Liberty Pl.
151	ANNUAL RAILROAD CROSSING REPAIR		0	5,000	5,000	5,000	5,000		
152	GIS MAPPING (ORTHO PHOTOS & PLANIMETRICS)		85,229						Last Aerials in 2010, Surdex - 2014 Flight Receive Aerials, Planimetric & Topos. In 2015
153	GRAVEL PIT		200,000	100,000	100,000	100,000	100,000		Continuing DNR Mandate
154	FLAMBEAU & SOUTH 18TH ST. REMEDIATION SITE		30,000						Continuing DNR/DSPS Mandate
155	TRAFFIC SIGNALS - REPLACE LOOP DETECTORS		30,000						Calumet/Dufek & Calumet/VS. 41ST
156	YORK ST. - N. 7TH TO N. 9TH ST. (INCL. STREETSCAPING)		253,000						ASPH. PAVING, REPL. CURB & GUTTER & SIDEWALKS
157	MILL RD. BRIDGE - TUCK POINTING EAST ABUTMENT		10,000						
158	8TH & 10TH ST. BRIDGE - EVALUATE & RECOMM. SOFTWARE UPGRADE & EQUIPMENT		15,000						
159	8TH & 10TH ST. BRIDGE - REPLACEMENT OF SOFTWARE & EQUIPMENT			250,000					
160	10TH STREET BRIDGE - REPAINTING DESIGN, PLANS & SPECS.			90,000					
161	10TH STREET BRIDGE - REPAINTING				600,000				Repaint the Bascule Spans of the Bridge
162	SIDEWALKS N. 8TH ST. - RR TRACKS TO INDIAN CREEK DR. (Const.)						150,000		
TOTAL FOR MISCELLANEOUS CAPITAL WORKS			\$864,729	\$746,500	\$1,006,500	\$406,500	\$556,500	N/A	\$3,580,729

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2015 THRU 2019

NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
MARITIME METRO TRANSIT SYSTEM									
163	REPLACE FIVE 29 FOOT COACHES		1,800,000						Assume 80% Federal Funding
164	REPLACE FOUR 35 FOOT COACHES			1,440,000					Assume 80% Federal Funding
165	REPLACE TRANSIT DRIVERS VAN				24,000				Assume 80% Federal Funding
TOTAL FOR MARITIME METRO TRANSIT			\$1,800,000	\$1,440,000	\$24,000	\$0	\$0	N/A	\$3,264,000

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2015 THRU 2019

NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
BUILDINGS AND GROUNDS									
AQUATICS CENTER									
166	DRAINAGE GRATES						20,000		
CITIZENS PARK - ARMORY BUILDING									
167	CARPET REPLACEMENT		12,750						Friends of CP to Fund Project Friends of CP to Fund Project Friends of CP to Fund Project Friends of CP to Fund Project
168	SIDING REPLACEMENT			12,750					
169	WINDOW REPLACEMENT			12,750					
170	PARTIAL ROOF REPLACEMENT			12,750					
171	GYM FLOOR REFINISHING				100,000				
CITY HALL									
172	REPLACEMENT OF TRUCK #907 (1997 FORD)			29,000					
173	REPLACEMENT OF TRUCK #908						30,000		
DPW BUILDING									
174	TUCK POINTING		30,100						
HALVERSON PARK									
175	REPAIR RESTROOM BUILDING		6,400						
LIFT STATION									
176	S. 19TH ST. - ROOF REPLACEMENT				8,500				
LINCOLN PARK & ZOO									
177	WATER ISSUE		25,000						
178	BEAR & CAT ROOFS		17,500						
179	FIELDHOUSE ROOF				24,000				
MARINA FACILITIES									
180	REPLACEMENT OF "E" DOCK		366,000						
181	DECK REPLACEMENT - DOCKS A, B, C & D		414,000						
182	GAS HUT REPAIR		4,200						
183	2ND FLOOR MEN'S RESTROOM - FLOOR REPAIR		3,000						
184	PAINT LIGHT POLES		5,200						
185	DOCK GATE REPAIRS		5,900						
186	REPAIR AND PAINT ADMIN. BLDG.			25,000					
RAHR-WEST MUSEUM									
187	CARPET REPLACEMENT		39,500						
188	BOILER REPLACEMENT			60,400					
SENIOR CENTER									
189	BOILER REPLACEMENT		63,000						
TOTAL FOR BUILDING & GROUNDS			\$992,550	\$152,650	\$132,500	\$0	\$50,000	N/A	\$1,327,700

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2015 THRU 2019

NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
DPW MACHINERY AND EQUIPMENT									
190	BRINE MAKING SYSTEM		125,000						
191	ARTICULATED TRACTOR W/ATTACH DIESEL 4WD (TRACKLESS)		130,000						Tractor w/Snow Blower, Plow, Mwr, Swpr & Mtrl Sprdr = 00 Tr
192	CONCRETE ROUTER		7,500						
193	DECK FOR CALCIUM CHLORIDE TANK			20,000					
194	1-Ton Flatbed = 95 Chevrolet			40,000					
195	4 x 4 Diesel Tractor w/Plow and Mower Deck = 95 John Deere			110,000					
196	4 x 4 Diesel Tractor w/Plow and Mower Deck = 95 John Deere			110,000					
197	Engineering #11 - All Wheel Drive Vehicle (1999 Ford)			30,000					
198	Tractor/Loader/Backhoe = 99 Ford				125,000				
199	4 x 4 Ranger Supercab Pickup Truck = 98 Ford				35,000				
200	4 x 4 Ranger Supercab Pickup Truck = 98 Ford				35,000				
201	4 x 4 Ranger Supercab Pickup Truck = 98 Ford				35,000				
202	1 Ton Flatbed Truck = 95 Chevrolet				45,000				
203	Pelican Sweeper = 99 Elgin					210,000			
204	Wheel Loader = 98 Volvo					200,000			
205	Snowblower = 79 Klauer-Snogo						140,000		
	Crew Cab 4-Door 4 x 4 Pickup Truck = 94 Ford							40,000	
	5 Yard Dump Truck with Plow and Lodal Attachment = 03 International							125,000	
TOTAL FOR DPW MACHINERY & EQUIPMENT			\$262,500	\$310,000	\$275,000	\$410,000	\$140,000	N/A	\$1,397,500

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2015 THRU 2019

NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
CEMETERY MACHINERY AND EQUIPMENT									
206	RIDING LAWN MOWER		23,021						
207	JOHN DEERE LOADER-BACKHOE (1994 John Deere)						130,000		
TOTAL FOR CEMETERY MACHINERY & EQUIPMENT			\$23,021	\$0	\$0	\$0	\$130,000	N/A	\$153,021
PARKS MACHINERY AND EQUIPMENT									
208	Trackless MT5 4x4 (2000)			130,000					
209	Trackless MT5 4x4 (2000)			130,000					
210	Vermeer Brush Chipper (1997)			20,000					
211	C8500 Refuse Collection Truck = 2001 Chevrolet			150,000					
212	C2500 Chassis Cab Pickup Truck = 1997 Chevrolet				35,000				
213	3/4-Ton 4x4 Pickup Truck w/Plow = 1996 Chevrolet				40,000				
214	Ram 2500 4x4 Pickup Truck = 1999 Dodge				35,000				
215	Ram 2500 4x4 Pickup Truck = 1999 Dodge				35,000				
216	Ram 2500 4x4 Pickup Truck = 1999 Dodge				35,000				
217	Ranger 4x4 Pickup Truck for Zoo = 2003 Ford				35,000				
218	F350 Chassis Cab 1-Ton Dump Truck w/salt unit = 97 Ford				50,000				
219	John Deere 4 Wheel Drive Tractor (1992 John Deere)					60,000			
220	Single Axle Dump Truck w/plow = 93 GMC						120,000		
221	LAWN MOWERS		2,000	2,000	2,000	2,000	2,000		
222	RIDING LAWN MOWERS			10,000	10,000	10,000	10,000		
TOTAL FOR PARKS MACHINERY & EQUIPMENT			\$2,000	\$442,000	\$277,000	\$72,000	\$132,000	N/A	\$925,000

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2015 THRU 2019

NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
223	BLUE RAIL BEACH Clean-up & Amenities				300,000				Possible GLRI Grant for Construction BLRPC & Miller Engr. working on plans Storm sewer rerouting, Beach Nourishment/Enrichment
224	CAMP VITS PARK Rural Restrooms			\$20,000					
225	CITIZENS PARK 4 Tennis Courts & 2 Basketball Courts Refinishing		46,900						
226	DALE STREET PARK Open Air Shelter							\$25,000	
227	DEWEY STREET PARK ADA Accessible Protective Playground Surface Complete Skateboard Park		63,000					????	
228	FLEETWOOD DRIVE - PARK'S DEPT. SHOP Entrance Roadway Reconstruction			\$60,000					175' Entrance - 825 SY - 8" Doweled Concrete Pavement
229	Parking Lot Reconstruction						\$500,000		Remainder of Area is approx. 15,300 SY
230	FLEETWOOD PARK Tennis Courts (Color Surface Only)			\$15,000					Resurface & Repaint
231	Open Air Shelter				\$25,000				
232	INDIAN CREEK PARK Pedestrian Bridge on N.W. Corner of the Park					\$25,000			
233	Restroom Facilities						\$150,000		
234	LINCOLN PARK 8 Tennis Courts Repainting & Drainage Issues		\$88,000						Resurface & Repaint, Retain. Wall/Curb to divert water
235	Roadways - North/South by Cabin #1 & #2		\$150,000						
236	Roadways - South Loop			\$350,000					
237	Roadways - North Loop				\$350,000				
238	Watermain Loop - N. 8th to Reed Ave.				\$175,000				
239	Electric Power/Service				\$100,000				N. 8th St. to Reed Ave.??
240	LINCOLN PARK ZOO Reed Ave. Parking Lot			\$100,000					Asphalt Paving
241	Roadway - Reed Ave. Parking Lot to Concession Stand			\$45,000					Parking Lot (450 x 12) 8" Concrete Pavement

CAPITAL WORKS PROGRAM WORK SHEET---CONCEPTUAL PROJECT COST ESTIMATES - 2015 THRU 2019

NO.	PROJECTS	DESC	2015	2016	2017	2018	2019	UNPRGM	COMMENTS
MARINERS TRAIL									
242	E. Reed Ave. to 700 ft. South					\$75,000			Reconstruction
MUNICIPAL FIELD									
243	Bathroom/Concession				\$250,000				No Exist. Sewer & Water
RED ARROW PARK & BEACH									
244	Ball Diamond & Soccer Field						\$250,000		School District & Youth Baseball to Fund Raise for the Project, Assume 50%
RHEAUME PARK									
245	Parking Lot Reconstruction			\$60,000					
246	Storm Sewer North of Parking Lot			\$25,000					
SCHUETTE PARK									
247	Fence Replacement		\$7,000						
248	Trails			\$50,000					Wood Chips & Gravel paths
249	Stairway				\$50,000				Replace Exist. Wood Steps Connect Lower to Upper
SILVERIDGE PARK									
250	Playground Equipment						\$50,000		
251	Rest Rooms & Open Air Shelter						\$125,000		Similar to Manitou Park
OTHER MISC. CAPITAL IMPROVEMENTS									
252	Playground Equipment		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000		Replacement &/or Upgrades
253	Replace Bleachers		\$15,300						
254	Ball Diamond - Line Painting Machine		\$6,000						
255	30 Benches for Tennis Courts & Repl. of Rental Benches		\$6,900	\$7,500	\$7,500	\$7,500			Replace 30 Each Year
TOTAL FOR PARKS			\$403,100	\$745,000	\$1,270,000	\$120,000	\$1,095,000	N/A	\$3,633,100
GRAND TOTAL			\$9,402,650	\$6,878,400	\$6,069,750	\$4,960,750	\$6,393,250	N/A	\$33,704,800

NOTES: 1) ALL COSTS ARE 2014 DOLLARS