



CITY COUNCIL

CITY OF LATHRUP VILLAGE
27400 Southfield Road, Lathrup Village, Michigan 48076

STUDY SESSION AGENDA

MONDAY, NOVEMBER 23, 2020
5:30 P.M.

ZOOM REMOTE MEETING INFORMATION

Webinar ID: 919 3169 4729

Passcode: 589885

Online:

<https://zoom.us/j/91931694729?pwd=bnJJYkw5NTcyL1hRaEtSVnZoYnkyUT09>

Telephone:

1 646 558 8656 or +1 301 715 8592

AGENDA ITEMS

1. **Call to Order** by Mayor Garrett
2. **Discussion Items:**
 - A. Marijuana Licensing & Application Process
 - B. Infrastructure Committee Update
 - C. Tree Replacement Program
 - D. House In the Woods –Update
 - E. Police Department Expansion Study Update
 - F. Water Loss Update
 - G. Contracts – Updates
3. **Mayor and Council Comments**
4. **Public Comments**
5. **Adjourn**

**NOTICE OF ELECTRONIC PUBLIC MEETING
CITY OF LATHRUP VILLAGE
CITY COUNCIL Meetings**

Monday, November 9, 2020 at 6pm – Study Session
Monday, November 23, 2020 at 6:00pm – Study Session
Monday, November 23, 2020 at 7:00pm – Council Meeting

In accordance with Emergency Orders issued by the Michigan Department of Health and Human Services, Oakland County, local officials, and State of Michigan legislation, which allows for electronic meetings of public bodies, notice is hereby given that the City of Lathrup’s City Council will be meeting electronically using www.Zoom.US for videoconference and public access.

The electronic public meeting will be held as a Zoom electronic webinar. The public can participate via the Zoom application, internet and/or telephone. The public will be able to listen to all discussion by City Council members and will be permitted to speak for up to 3 minutes during the public comment section of the agenda.

Please note that callers/viewers will automatically be muted. Public comments can be submitted via the Chat Room or during Public Comment, when viewers are unmuted on an individual basis. Comments may also be emailed in by 12noon of the date of the meeting to: cityclerk@lathrupvillage.org,

CITY OF LATHRUP VILLAGE
CLICK FOR ZOOM WEBINAR SIGN IN INFORMATION

NOVEMBER 9, 2020 AT 6PM – STUDY SESSION

Online:

<https://zoom.us/j/99676480360?pwd=MXlISS9VT0VUWWc5TG9KTmtuYXdwdz09>

Telephone: 646 558 8656 or 301 715 8592

Webinar ID: 996 7648 0360

Password: 670686

NOVEMBER 23, 2020 AT 6PM – STUDY SESSION

Online:

<https://zoom.us/j/91931694729?pwd=bnJJYkw5NTcyL1hRaEtSVnZoYnkyUT09>

Telephone: 646 558 8656 or 301 715 8592

Webinar ID: 919 3169 4729

Password: 589885

NOVEMBER 23, 2020 AT 7PM – COUNCIL MEETING

Online:

<https://zoom.us/j/91938880145?pwd=NEl0TyTjS0gxUENEdVNuZ0tBSlAzQT09>

Telephone: 646 558 8656 or 301 715 8592

Webinar ID: 919 3888 0145

Password: 863124

ONLINE PARTICIPANTS can “raise their hand” to be recognized by the moderator. The moderator will announce when it is your turn to speak. Audio for participants will be unmuted on an individual basis. There is a 3-minute time limit.

NOTICE FOR TELEPHONE CALL IN ATTENDEES: In order to “raise your hand” press *9. In order to toggle between mute/unmute, press *6 on your telephone key pad

AGENDA ITEM B

Current Assets

Sewer & Water Fund Balance	\$ 3,780,000
Balance available for Capital Projects	<u>\$ 1,800,000</u>
Remaining Sewer & Water Fund Balance	\$ 1,980,000

Annual Funds Raised by the Capital Component of Water Bill:

Expected cu ft to be sold	22,540,000
Capital H2O Rate Component per cu feet	<u>0.00925</u>
Dollars Raised:	\$ 208,495

Estimated Project Costs

Lead Testing	\$ 1,100,000
Water Meters	\$ 450,000
Sewer	\$ 480,000
Water Mains	\$ 1,360,000
Fire Hydrants	\$ 545,000
Gate Valves	\$ 960,000
Retention Tank	\$ 500,000
Lead Abatement & Ditching & Other (Plug)	<u>\$ 1,005,000</u>

Total: \$ 6,400,000

Less Available Sewer & H2O Funds \$ 1,800,000

Amount Needed in Capital Improvement Bond \$ 4,600,000

Annual Cost for \$4.6M Capital Imp Bond (20 year)	\$ 299,000
Annual Capital Raised by H2O Bill	<u>\$ 208,495</u>

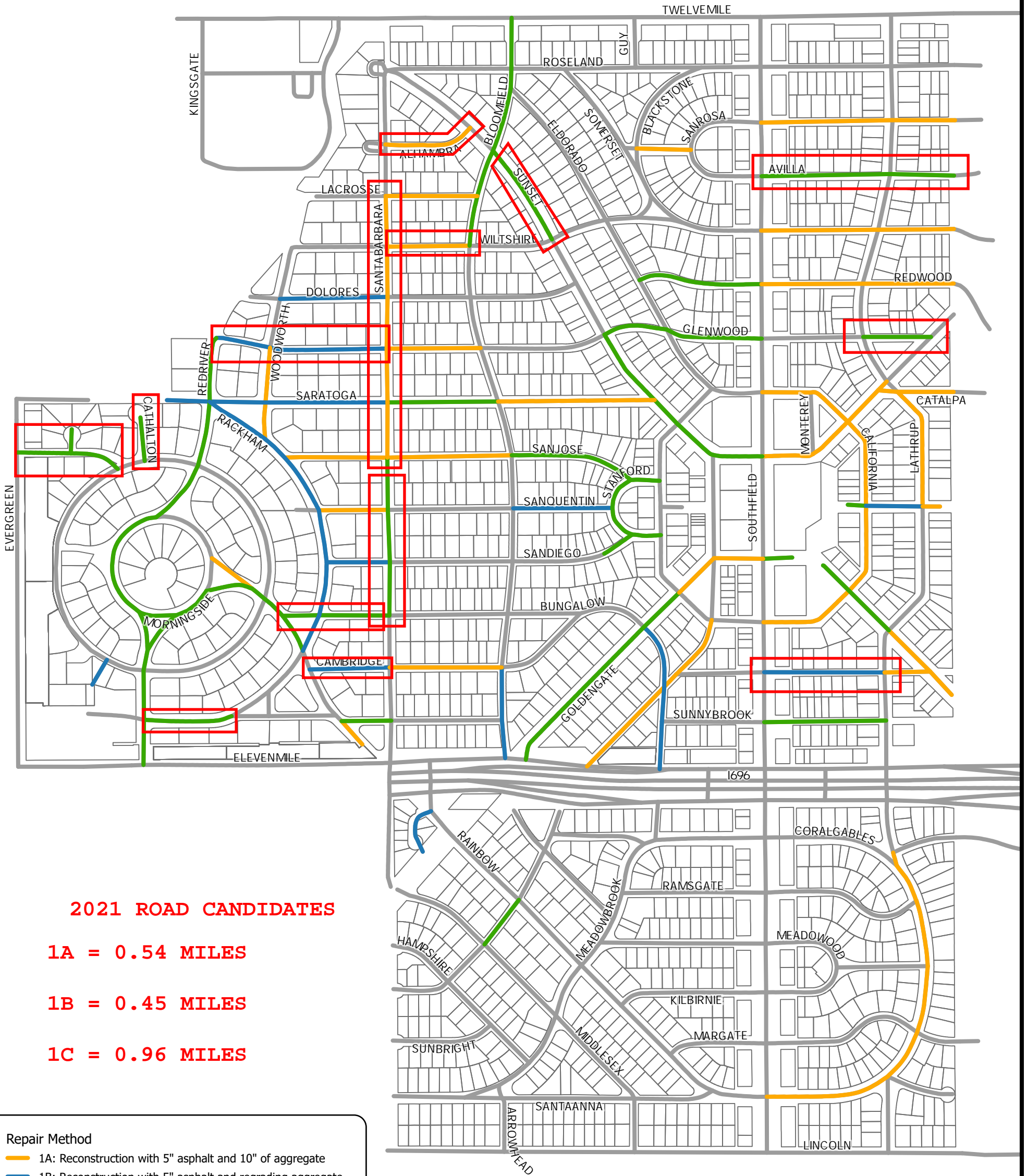
Shortfall \$ 90,505

Rate increase needed to raise \$90,500 from the capital component of the water bill would be \$.0106226/cu ft applied to the first 400 cu ft (the monthly minimum bill) of all water bills. Applying to first 400 cu feet only makes this equitable across all customers.

$$400 \text{ cu ft} \times \$0.0106226/\text{cu ft} \times 12 \text{ m}$$

Actual customer increase per month $400 \text{ cu ft} \times \$0.010626/\text{cu ft} = \4.25
 Actual customer increase per year $\$4.25 \times 12 \text{ months} = \51 per year

Lathrup Village Eligible Roads to be Repaired



2021 ROAD CANDIDATES

1A = 0.54 MILES

1B = 0.45 MILES

1C = 0.96 MILES

Repair Method

- 1A: Reconstruction with 5" asphalt and 10" of aggregate
- 1B: Reconstruction with 5" asphalt and regrading aggregate
- 1C: Rehabilitate with milling 3" and placing 3 1/2" of asphalt
- Other Roads

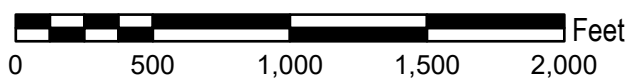
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Engineers
Surveyors
Planners
Landscape Architects
GIS Specialists

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ID	PRNO	SURF TYPE	ROAD NAME	FROM	TO	FEET	MILES	PASER 2017	REPAIR METHOD	Estimated Ditch Cost
44	655505	Asphalt-Standard	Alhambra Ct	Santa Barbara	Sunset Blvd	633.6	0.12	2	1A	\$ 21,637
56	655507	Asphalt-Standard	Avilla	Lathrup Blvd	City/Twp Line	448.8	0.085	5	1C	\$ 15,326
55	655507	Asphalt-Standard	Avilla	Southfield Rd	Lathrup Blvd	897.6	0.17	4	1C	\$ 30,653
146	655703	Asphalt-Standard	Bungalow	Rackham	Santa Barbara	485.76	0.092	2	1C	\$ 16,589
145	655703	Asphalt-Standard	Bungalow	Rainbow Dr	Rackham	258.72	0.049	2	1C	\$ 8,835
142	655702	Asphalt-Standard	Cambridge	Rainbow Dr	Santa Barbara	559.68	0.106	2	1B	\$ 19,113
227	655904	Asphalt-Standard	Cambridge	Southfield Rd	Lathrup Blvd	839.52	0.159	2	1B	\$ 28,669
387	4413522	Asphalt-Standard	Cathalton	Rainbow Cir	Dead End or Start	306.24	0.058	4	1C	\$ 10,458
168	655708	Asphalt-Standard	Glenwood	Lathrup Blvd	E Goldengate	469.92	0.089	5	1C	\$ 16,048
161	655708	Asphalt-Standard	Glenwood	Red River Dr	Woodworth Way	385.44	0.073	2	1B	\$ 13,163
162	655708	Asphalt-Standard	Glenwood	Woodworth Way	Santa Barbara	813.12	0.154	2	1B	\$ 27,768
384	4413520	Asphalt-Standard	San Jose	Evergreen Rd	San Jose Ct	374.88	0.071	4	1C	\$ 12,802
385	4413520	Asphalt-Standard	San Jose	San Jose Ct	Rainbow Cir	364.32	0.069	4	1C	\$ 12,441
154	655706	Asphalt-Standard	San Jose Blvd	Rackham	Santa Barbara	718.08	0.136	1	1A	\$ 24,522
32	655504	Asphalt-Standard	Santa Barbara	Bungalow	San Diego	374.88	0.071	4	1C	\$ 12,802
33	655504	Asphalt-Standard	Santa Barbara	San Diego	San Quentin	364.32	0.069	4	1C	\$ 12,441
34	655504	Asphalt-Standard	Santa Barbara	San Quentin	San Jose Blvd	364.32	0.069	4	1C	\$ 12,441
35	655504	Asphalt-Standard	Santa Barbara	San Jose Blvd	Saratoga	385.44	0.073	2	1A	\$ 13,163
36	655504	Asphalt-Standard	Santa Barbara	Saratoga	Glenwood	374.88	0.071	2	1A	\$ 12,802
37	655504	Asphalt-Standard	Santa Barbara	Glenwood	Dolores	364.32	0.069	2	1A	\$ 12,441
38	655504	Asphalt-Standard	Santa Barbara	Dolores	Wiltshire Blvd	348.48	0.066	3	1A	\$ 11,901
39	655504	Asphalt-Standard	Santa Barbara	Wiltshire Blvd	La Crosse	359.04	0.068	2	1A	\$ 12,261
362	4410148	Asphalt-Standard	Sunnybrook	Rackham	Red River	617.76	0.117	3	1C	\$ 21,096
51	655506	Asphalt-Standard	Sunset Blvd	Wiltshire Blvd	Bloomfield	744.48	0.141	2	1C	\$ 25,424

ID	PRNO	SURF TYPE	ROAD NAME	FROM	TO	FEET	MILES	PASER 2017	REPAIR METHOD	REMARKS	Estimated Ditch Cost	Homes	Estimated Yearly Cost for 10 years via SAD	Excess Cost over \$400 Cap
200	655807	Asphalt-S	San Quentin	E California	Lathrup Blvd	396	0.075	3	1B		\$ 13,523	0	City	\$13,523
117	655607	Asphalt-S	Eldorado Pl	Middlesex	Rainbow Dr	396	0.075	2	1C		\$ 13,523	0	City	\$13,523
32	655504	Asphalt-S	Santa Barbara	Bungalow	San Diego	374.88	0.071	4	1C		\$ 12,802	0	City	\$12,802
202	655808	Asphalt-S	E Goldengate	Sunset Blvd	Monterey St	359.04	0.068	2	1A		\$ 12,261	0	City	\$12,261
135	655608	Asphalt-S	Bloomfield	Roseland	W 12 Mile Rd	353.76	0.067	3	1C		\$ 12,081	0	City	\$12,081
45	655506	Asphalt-S	Sunset Blvd	E Goldengate	Eldorado Pl	348.48	0.066	2	1C		\$ 11,901	0	City	\$11,901
282	656105	Asphalt-S	Red River	W 11 Mile Rd	Sunnybrook	316.8	0.06	3	1C		\$ 10,819	0	City	\$10,819
287	656107	Asphalt-S	Morningside Plz	Morningside/Redriver Cutoff	Red River	269.28	0.051	3	1C		\$ 9,196	0	City	\$9,196
403	4413531	Asphalt-S	Sunset Blvd	W Goldengate		205.92	0.039	2	1C		\$ 7,032	0	City	\$7,032
225	655902	Asphalt-S	Stanford Ct	San Jose Blvd	W California	205.92	0.039	3	1C		\$ 7,032	0	City	\$7,032
222	655902	Asphalt-S	Stanford Ct	San Jose Blvd	San Diego	200.64	0.038	3	1C		\$ 6,852	0	City	\$6,852
416	4462921	Asphalt-S	San Quentin	E California	Dead End or Start	126.72	0.024	2	1C		\$ 4,327	0	City	\$4,327
331	1903804	Asphalt-S	Rainbow Dr	Rainbow Cir	Morningside/Rainbow Cutoff	116.16	0.022	3	1C		\$ 3,967	0	City	\$3,967
213	655809	Asphalt-S	E California	Monterey St		100.32	0.019	2	1A		\$ 3,426	0	City	\$3,426
63	655509	Asphalt-S	Lathrup Blvd	Coral Gables	Coral Gables	95.04	0.018	4	1A		\$ 3,246	0	City	\$3,246
39	655504	Asphalt-S	Santa Barbara	Wiltshire Blvd	La Crosse	359.04	0.068	2	1A		\$ 12,261	0	City	\$12,261
32	655504	Asphalt-S	Santa Barbara	Bungalow	San Diego	374.88	0.071	4	1C		\$ 12,802	0	City	\$12,802
335	1903805	Gravel-St	Meadowbrook Wa	Eldorado Pl	Bungalow	464.64	0.088		1B		\$ 15,867	1	\$1,587	\$11,867
132	655608	Asphalt-S	Bloomfield	La Crosse	Sunset Blvd	337.92	0.064	3	1C		\$ 11,540	1	\$1,154	\$7,540
203	655808	Asphalt-S	E Goldengate	Monterey St	E California	332.64	0.063	2	1A		\$ 11,360	1	\$1,136	\$7,360
333	1903805	Gravel-St	Meadowbrook Wa	W 11 Mile Rd &	Sunnybrook	332.64	0.063		1B		\$ 11,360	1	\$1,136	\$7,360
390	4413525	Asphalt-S	Morningside/Rain	Morningside Plz	Rainbow Dr	327.36	0.062	3	1C		\$ 11,179	1	\$1,118	\$7,179
285	656105	Asphalt-S	Red River	Morningside/Redriver Cutoff	Morningside Plz	322.08	0.061	2	1C		\$ 10,999	1	\$1,100	\$6,999
329	1903804	Asphalt-S	Rainbow Dr	Rackham	Bungalow	285.12	0.054	3	1C		\$ 9,737	1	\$974	\$5,737
405	4413620	Asphalt-S	Sunset Blvd	E California		258.72	0.049	4	1C		\$ 8,835	1	\$884	\$4,835
145	655703	Asphalt-S	Bungalow	Rainbow Dr	Rackham	258.72	0.049	2	1C		\$ 8,835	1	\$884	\$4,835
223	655902	Asphalt-S	Stanford Ct	San Diego	San Quentin	248.16	0.047	2	1C		\$ 8,475	1	\$847	\$4,475
334	1903805	Gravel-St	Meadowbrook Wa	Sunnybrook	Eldorado Pl	242.88	0.046		1B		\$ 8,294	1	\$829	\$4,294
393	4413526	Asphalt-S	San Quentin	Santa Barbara	Rackham	480.48	0.091	3	1A		\$ 16,408	2	\$820	\$8,408
168	655708	Asphalt-S	Glenwood	Lathrup Blvd	E Goldengate	469.92	0.089	5	1C		\$ 16,048	2	\$802	\$8,048
249	656002	Asphalt-S	Red River	Morningside Plz	Rainbow Cir	469.92	0.089	3	1C		\$ 16,048	2	\$802	\$8,048
250	656002	Asphalt-S	Red River	Rainbow Cir	Rackham	459.36	0.087	3	1C		\$ 15,687	2	\$784	\$7,687
133	655608	Asphalt-S	Bloomfield	Sunset Blvd	Eldorado Pl	454.08	0.086	3	1C		\$ 15,507	2	\$775	\$7,507
165	655708	Asphalt-S	Glenwood	Sunset Blvd	Eldorado Pl	448.8	0.085	3	1C		\$ 15,326	2	\$766	\$7,326
325	1903804	Asphalt-S	Rainbow Dr	Dead End or Start	Sunnybrook	216.48	0.041	2	1A		\$ 7,393	1	\$739	\$3,393
112	655606	Asphalt-S	Meadowbrook Wa	Rainbow Dr	Meadowood	211.2	0.04	5	1C		\$ 7,212	1	\$721	\$3,212
111	655606	Asphalt-S	Meadowbrook Wa	Middlesex	Rainbow Dr	396	0.075	5	1C		\$ 13,523	2	\$676	\$5,523
35	655504	Asphalt-S	Santa Barbara	San Jose Blvd	Saratoga	385.44	0.073	2	1A		\$ 13,163	2	\$658	\$5,163
36	655504	Asphalt-S	Santa Barbara	Saratoga	Glenwood	374.88	0.071	2	1A		\$ 12,802	2	\$640	\$4,802
59	655509	Asphalt-S	Lathrup Blvd	Desot	Margate	374.88	0.071	4	1A		\$ 12,802	2	\$640	\$4,802
142	655702	Asphalt-S	Cambridge	Rainbow Dr	Santa Barbara	559.68	0.106	2	1B		\$ 19,113	3	\$637	\$7,113
37	655504	Asphalt-S	Santa Barbara	Glenwood	Dolores	364.32	0.069	2	1A		\$ 12,441	2	\$622	\$4,441
33	655504	Asphalt-S	Santa Barbara	San Diego	San Quentin	364.32	0.069	4	1C		\$ 12,441	2	\$622	\$4,441
33	655504	Asphalt-S	Santa Barbara	San Diego	San Quentin	364.32	0.069	4	1C		\$ 12,441	2	\$622	\$4,441
154	655706	Asphalt-S	San Jose Blvd	Rackham	Santa Barbara	718.08	0.136	1	1A		\$ 24,522	4	\$613	\$8,522
332	1903804	Asphalt-S	Rainbow Dr	Morningside/Rainbow Cutoff	Morningside Plz	353.76	0.067	2	1A		\$ 12,081	2	\$604	\$4,081
140	655701	Asphalt-S	Sunnybrook	Rainbow Dr	Santa Barbara	348.48	0.066	3	1C		\$ 11,901	2	\$595	\$3,901
196	655805	Asphalt-S	E California	Southfield Rd	Sunset Blvd	681.12	0.129	2	1A		\$ 23,260	4	\$582	\$7,260
212	655809	Asphalt-S	E California	Southfield Rd	Monterey St	337.92	0.064	3	1A		\$ 11,540	2	\$577	\$3,540
330	1903804	Asphalt-S	Rainbow Dr	Bungalow	Rainbow Cir	168.96	0.032	3	1C		\$ 5,770	1	\$577	\$1,770
90	655602	Asphalt-S	Wiltshire Blvd	Somerset Pl	Blackstone	316.8	0.06	3	1C		\$ 10,819	2	\$541	\$2,819
70	655509	Asphalt-S	Lathrup Blvd	Cambridge	Sunset Blvd	306.24	0.058	5	1C		\$ 10,458	2	\$523	\$2,458
389	4413524	Asphalt-S	Morningside/Redri	Red River	Morningside Plz	279.84	0.053	2	1C		\$ 9,556	2	\$478	\$1,556
388	4413523	Asphalt-S	Rainbow Cir	Rainbow Ct		892.32	0.169	4	1C		\$ 30,473	7	\$435	\$2,473
169	655709	Asphalt-S	Dolores	Woodworth Way	Santa Barbara	755.04	0.143	3	1B		\$ 25,784	6	\$430	\$1,784

\$166K Total w/ 0 Homes

ID	PRNO	SURF TYPE	ROAD NAME	FROM	TO	FEET	MILES	PASER 2017	REPAIR METHOD	REMARKS	Estimated Ditch Cost	Homes	Estimated Yearly Cost for 10 years via SAD	Excess Cost over \$400 Cap
224	655902	Asphalt-S	Stanford Ct	San Quentin	San Jose Blvd	248.16	0.047	3	1C		\$ 8,475	2	\$424	\$475
34	655504	Asphalt-S	Santa Barbara	San Quentin	San Jose Blvd	364.32	0.069	4	1C		\$ 12,441	3	\$415	\$441
146	655703	Asphalt-S	Bungalow	Rackham	Santa Barbara	485.76	0.092	2	1C		\$ 16,589	4	\$415	\$589
34	655504	Asphalt-S	Santa Barbara	San Quentin	San Jose Blvd	364.32	0.069	4	1C		\$ 12,441	3	\$415	\$441
289	656109	Asphalt-S	Rainbow Cir	Red River	Rainbow Dr	1077.12	0.204	4	1C		\$ 36,783	9	\$409	\$783
131	655608	Asphalt-S	Bloomfield	Wiltshire Blvd	La Crosse	353.76	0.067	3	1C		\$ 12,081	3	\$403	\$81
251	656002	Asphalt-S	Red River	Rackham	Red River Dr	454.08	0.086	2	1C		\$ 15,507			
161	655708	Asphalt-S	Glenwood	Red River Dr	Woodworth Way	385.44	0.073	2	1B		\$ 13,163			
Bundle						839.52	0.159				\$ 28,669	6	\$478	\$4,669
205	655808	Asphalt-SE	Goldengate	Catalpa Dr	Lathrup Blvd	84.48	0.016	3	1A		\$ 2,885			s/b part of Goldengate
204	655808	Asphalt-SE	Goldengate	E California	Catalpa Dr	306.24	0.058	3	1A		\$ 10,458	0	City	
Bundle						390.72	0.074				\$ 13,343	0	City	\$13,343
162	655708	Asphalt-S	Glenwood	Woodworth Way	Santa Barbara	813.12	0.154	2	1B		\$ 27,768	7	\$397	
38	655504	Asphalt-S	Santa Barbara	Dolores	Wiltshire Blvd	348.48	0.066	3	1A		\$ 11,901	3	\$397	
139	655610	Asphalt-S	W Goldengate	Eldorado Pl	Sunset Blvd	343.2	0.065	2	1A		\$ 11,720	3	\$391	
283	656105	Asphalt-S	Red River	Sunnybrook	Rainbow Cir	343.2	0.065	3	1C		\$ 11,720	3	\$391	
138	655610	Asphalt-S	W Goldengate	W California	Eldorado Pl	343.2	0.065	2	1A		\$ 11,720	3	\$391	\$384,875 Total over \$400/year
166	655708	Asphalt-S	Glenwood	Eldorado Pl	Southfield Rd	675.84	0.128	3	1C		\$ 23,080	6	\$385	\$222,458 57.8% of the roads proposed
68	655509	Asphalt-S	Lathrup Blvd	W 11 Mile Rd	Sunnybrook	332.64	0.063	4	1C		\$ 11,360	3	\$379	1.4910 Equivalent mills needed to cover
46	655506	Asphalt-S	Sunset Blvd	Eldorado Pl	W California	327.36	0.062	2	1C		\$ 11,179	3	\$373	57 Homeowners\City over \$400
362	4410148	Asphalt-S	Sunnybrook	Rackham	Red River	617.76	0.117	3	1C		\$ 21,096	6	\$352	
387	4413522	Asphalt-S	Cathalton	Rainbow Cir	Dead End or Start	306.24	0.058	4	1C		\$ 10,458	3	\$349	
245	655910	Asphalt-S	Redwood	Southfield Rd	Lathrup Blvd	707.52	0.134	2	1A		\$ 24,162	7	\$345	
115	655606	Asphalt-S	Meadowbrook Wa	Ramsgate	Coral Gables	390.72	0.074	5	1C		\$ 13,343	4	\$334	
114	655606	Asphalt-S	Meadowbrook Wa	Bloomfield	Ramsgate	195.36	0.037	5	1C		\$ 6,672	2	\$334	
64	655509	Asphalt-S	Lathrup Blvd	Coral Gables	W 11 Mile Rd	369.6	0.07	4	1C	Watermain	\$ 12,622	4	\$316	
286	656107	Asphalt-S	Morningside Plz		Morningside/Redriver Cutoff	459.36	0.087	3	1C		\$ 15,687	5	\$314	
288	656109	Asphalt-S	Rainbow Cir	Rainbow Ct	Red River	269.28	0.051	3	1C		\$ 9,196	3	\$307	
244	655910	Asphalt-S	Redwood	Eldorado Pl	Southfield Rd	865.92	0.164	4	1C		\$ 29,571	10	\$296	
281	656104	Asphalt-S	Morningside Plz	Red River		432.96	0.082	3	1C		\$ 14,786	5	\$296	
227	655904	Asphalt-S	Cambridge	Southfield Rd	Lathrup Blvd	839.52	0.159	2	1B		\$ 28,669	10	\$287	
55	655507	Asphalt-S	Avilla	Southfield Rd	Lathrup Blvd	897.6	0.17	4	1C		\$ 30,653	11	\$279	
44	655505	Asphalt-S	Alhambra Ct	Santa Barbara	Sunset Blvd	633.6	0.12	2	1A		\$ 21,637	8	\$270	
279	656104	Asphalt-S	Morningside Plz	Morningside/Rainbow Cutoff	Rainbow Dr	237.6	0.045	4	1C		\$ 8,114	3	\$270	
263	656009	Asphalt-S	Sunnybrook	Southfield Rd	Lathrup Blvd	850.08	0.161	4	1C		\$ 29,030	11	\$264	
270	656101	Asphalt-S	San Rosa	Southfield Rd	Lathrup Blvd	918.72	0.174	2	1A	Water Main	\$ 31,374	12	\$261	
254	656006	Asphalt-S	Margate	Southfield Rd	Lathrup Blvd	1140.48	0.216	4	1C		\$ 38,947	16	\$243	
284	656105	Asphalt-S	Red River	Rainbow Cir	Morningside/Redriver Cutoff	142.56	0.027	2	1C		\$ 4,868	2	\$243	
364	4410198	Asphalt-S	La Crosse	Bloomfield	Santa Barbara	638.88	0.121	2	1A		\$ 21,818	9	\$242	
246	655910	Asphalt-S	Redwood	Lathrup Blvd	City/Twp Line	633.6	0.12	2	1A		\$ 21,637	9	\$240	
134	655608	Asphalt-S	Bloomfield	Eldorado Pl	Roseland	137.28	0.026	2	1C		\$ 4,688	2	\$234	
92	655602	Asphalt-S	Wiltshire Blvd	Southfield Rd	Lathrup Blvd	818.4	0.155	2	1A	Water Main	\$ 27,948	12	\$233	
77	655509	Asphalt-S	Lathrup Blvd	Wiltshire Blvd	Avilla	401.28	0.076	5	1C		\$ 13,704	6	\$228	
415	4462917	Asphalt-S	Rainbow Ct	Dead End or Start	Rainbow Cir	200.64	0.038	3	1B		\$ 6,852	3	\$228	
93	655602	Asphalt-S	Wiltshire Blvd	Lathrup Blvd	City/Twp Line	528	0.1	2	1A		\$ 18,031	8	\$225	
109	655606	Asphalt-S	Meadowbrook Wa	Arrowhead	Hampshire	258.72	0.049	4	1C		\$ 8,835	4	\$221	
48	655506	Asphalt-S	Sunset Blvd	Saratoga	Glenwood	580.8	0.11	2	1C		\$ 19,834	9	\$220	
56	655507	Asphalt-S	Avilla	Lathrup Blvd	City/Twp Line	448.8	0.085	5	1C		\$ 15,326	7	\$219	

ID	PRNO	SURF TYPE	ROAD NAME	FROM	TO	FEET	MILES	PASER 2017	REPAIR METHOD	REMARKS	Estimated Ditch Cost	Homes	Estimated Yearly Cost for 10 years via SAD	Excess Cost over \$400 Cap
391	4413526	Asphalt-S	San Quentin	Stanford Ct	Bloomfield	691.68	0.131	4	1B		\$ 23,621	11	\$215	
177	655803	Asphalt-S	Rainbow Dr	Lathrup Blvd	Southfield Rd	876.48	0.166	3	1A		\$ 29,932	14	\$214	
51	655506	Asphalt-S	Sunset Blvd	Wiltshire Blvd	Bloomfield	744.48	0.141	2	1C		\$ 25,424	12	\$212	
226	655904	Asphalt-S	Cambridge	Eldorado Pl	Southfield Rd	617.76	0.117	5	1C		\$ 21,096	10	\$211	
113	655606	Asphalt-S	Meadowbrook Wa	Meadowood	Bloomfield	184.8	0.035	5	1C		\$ 6,311	3	\$210	
80	655509	Asphalt-S	Lathrup Blvd	Roseland	W 12 Mile Rd	359.04	0.068	5	1C		\$ 12,261	6	\$204	
153	655704	Asphalt-S	San Diego	Change in pavement placement	Stanford Ct	237.6	0.045	2	1C		\$ 8,114	4	\$203	
159	655707	Asphalt-S	Saratoga	Santa Barbara	Bloomfield	770.88	0.146	3	1C		\$ 26,325	13	\$203	
61	655509	Asphalt-S	Lathrup Blvd	Meadowood	Ramsgate	464.64	0.088	2	1A		\$ 15,867	8	\$198	
86	655602	Asphalt-S	Wiltshire Blvd	Santa Barbara	Bloomfield	575.52	0.109	2	1A		\$ 19,654	10	\$197	
160	655707	Asphalt-S	Saratoga	Bloomfield	Sunset Blvd	1092.96	0.207	2	1A		\$ 37,324	19	\$196	
110	655606	Asphalt-S	Meadowbrook Wa	Hampshire	Middlesex	385.44	0.073	5	1C		\$ 13,163	7	\$188	
163	655708	Asphalt-S	Glenwood	Santa Barbara	Bloomfield	660	0.125	2	1A	Watermain	\$ 22,539	12	\$188	
278	656104	Asphalt-S	Morningside Plz	Red River	Morningside/Rainbow Cutoff	274.56	0.052	3	1C		\$ 9,376	5	\$188	
136	655610	Asphalt-S	W Goldengate	W 11 Mile Rd	Bungalow	1261.92	0.239	2	1C		\$ 43,094	23	\$187	
155	655706	Asphalt-S	San Jose Blvd	Santa Barbara	Bloomfield	871.2	0.165	3	1A		\$ 29,751	16	\$186	
79	655509	Asphalt-S	Lathrup Blvd	San Rosa	Roseland	380.16	0.072	5	1C		\$ 12,982	7	\$185	
78	655509	Asphalt-S	Lathrup Blvd	Avilla	San Rosa	374.88	0.071	5	1C		\$ 12,802	7	\$183	
197	655805	Asphalt-S	E California	Sunset Blvd	San Quentin	638.88	0.121	2	1A		\$ 21,818	12	\$182	
60	655509	Asphalt-S	Lathrup Blvd	Margate	Meadowood	469.92	0.089	2	1A		\$ 16,048	9	\$178	
392	4413526	Asphalt-S	San Quentin	Bloomfield	Santa Barbara	876.48	0.166	4	1C		\$ 29,932	17	\$176	
137	655610	Asphalt-S	W Goldengate	Bungalow	W California	343.2	0.065	3	1C		\$ 11,720	7	\$167	
72	655509	Asphalt-S	Lathrup Blvd	San Quentin	Catalpa Dr	865.92	0.164	2	1A		\$ 29,571	18	\$164	
69	655509	Asphalt-S	Lathrup Blvd	Sunnybrook	Cambridge	332.64	0.063	5	1C		\$ 11,360	7	\$162	
62	655509	Asphalt-S	Lathrup Blvd	Ramsgate	Coral Gables	285.12	0.054	4	1A		\$ 9,737	6	\$162	
91	655602	Asphalt-S	Wiltshire Blvd	Blackstone	Southfield Rd	559.68	0.106	4	1C		\$ 19,113	12	\$159	
47	655506	Asphalt-S	Sunset Blvd	W California	Saratoga	232.32	0.044	2	1C		\$ 7,934	5	\$159	
156	655706	Asphalt-S	San Jose Blvd	Bloomfield	Stanford Ct	876.48	0.166	4	1C		\$ 29,932	19	\$158	
381	4412062	Asphalt-S	Rainbow Ct	Rainbow Dr	Dead End or Start	353.76	0.067	3	1B		\$ 12,081	8	\$151	
198	655805	Asphalt-S	E California	San Quentin	E Goldengate	633.6	0.12	2	1A		\$ 21,637	15	\$144	
271	656101	Asphalt-S	San Rosa	Lathrup Blvd	City/Twp Line	438.24	0.083	2	1A		\$ 14,966	12	\$125	
404	4413620	Asphalt-S	Sunset Blvd	Lathrup Blvd	E California	390.72	0.074	2	1C		\$ 13,343	11	\$121	
199	655805	Asphalt-S	E California	E Goldengate		237.6	0.045	2	1A		\$ 8,114	7	\$116	
							11.69				\$ 2,107,836			
384	4413520	Asphalt-S	San Jose	Evergreen Rd	San Jose Ct	374.88	0.071	4	1C		\$ 12,802	1	\$1,280	
385	4413520	Asphalt-S	San Jose	San Jose Ct	Rainbow Cir	364.32	0.069	4	1C		\$ 12,441	3	\$415	
386	4413521	Asphalt-S	San Jose Ct	San Jose	Dead End or Start	168.96	0.032	4	1C		\$ 5,770	6	\$96	
Bundle											\$ 31,013	10	\$310	
141	655701	Asphalt-S	Sunnybrook	Santa Barbara	Bloomfield	770.88	0.146	4	1C		\$ 26,325	18	\$146	
121	655608	Asphalt-S	Bloomfield	W 11 Mile Rd	Sunnybrook	269.28	0.051	2	1B		\$ 9,196	0	City	
Bundle											\$ 35,521	18	\$197	
122	655608	Asphalt-S	Bloomfield	Sunnybrook	Cambridge	364.32	0.069	2	1B		\$ 12,441	2	\$622	
143	655702	Asphalt-S	Cambridge	Santa Barbara	Bloomfield	786.72	0.149	2	1A		\$ 26,866	13	\$207	
Bundle											\$ 39,308	15	\$262	

AGENDA ITEM E

REGARDING POLICE DEPARTMENT EXPANSION STUDY

From: Dan Redstone <dredstone@redstonearchitects.com>
Sent: Monday, November 16, 2020 11:15 AM
To: Chris Clough <recreation@lathrupvillage.org>
Subject: RE: Update on Lathrup Village project

Chris: **The basic programming and layouts (parts 1 and 2), which includes a preliminary project cost projection, will provide the City with a good basis for discussion of needs and a proposed initial concept and an initial project budget.** Part 3- Building condition Analysis, was intended to drill down into the capacity and condition of the building systems to support the design concept.

It is not necessary to do part 3 at this time; we would provide allowances in the Part 2 budget for system upgrades as placeholders.

With regard to an environmental survey, the City needs to have this done before it goes ahead with any renovation project. This is to give the contractor necessary information to estimate its work and provide the workers with proper safeguards. It will also protect the City from claims for hidden conditions not known at the time of bidding.

We are doing a renovation to a 240 unit housing complex in Pontiac- mostly drywall- where we needed to specifically test how the drywall repairs would expose workers to asbestos. We took two or three units and tested drywall repairs in them in order to determine the requirement for worker protection. PME is the consultant we are using.

I'm available on my cell to discuss.
Thanks,
Daniel

Daniel Redstone, FAIA, NCARB
LEED Accredited Professional



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Redstone Architects		STUDY HOURS ESTIMATE	POSSIBLE TIME LINE
Principal	PM/Architect	CAD	
Redstone. FAIA	Kowalske	REVIT	
			PART 1; PROGRAMMING
		8	PUT DRAWING INTO CAD
4	4		STEP 1. Kick-off Meeting
INCLUDED	INCLUDED		STEP 2. Programming Interview with Dept and Staff (Police & City)
1	6		STEP 3. Develop Space Needs Analysis ("SNA")
2			STEP 4. Space Needs Analysis Review Meeting with Client
			PART 2. BLOCK DIAGRAMS / CONCEPTUAL FLOOR PLANS
4	4		STEP 5. Develop Conceptual Block Diagrams
1	2		STEP 6 Block Diagram Progress Meeting-ADJUST (virtual)
1			STEP 7. Progress meeting and approval (video conf)
2	10		STEP 8. Conceptual Floor Plans showing furniture
2	2		initial Project Cost Projections (Cost Consultant)
2	8		Prepare Study Report
2			Present Study to City Council
19	36	8	TOTAL HOURS
\$ 200.00	\$ 120.00	\$ 65.00	1. Standard Hourly Rates (Principal @\$200; PM@ \$120; ARCHITECT @ \$120)

\$	3,800.00	\$	4,320.00	\$	520.00	SUBTOTALS	
		\$	8,640.00	\$	1,000.00	SUBTOTAL- REDSTONE ARCHITECTS PARTS 1 and 2 Cost Estimator-O'BRIEN CONSTRUCTION	
		\$	9,640.00			TOTAL FEE; PART 1 AND 2- PROGRAMMING AND CONCEPTUAL DESIGN	
						PART 3. BUILDING CONDITION ANALYSIS- Visual review of building systems in area of Renovation	
1	2					Review Documents	
	6					Field Survey	
1	4					Coordination with Environmental Assessment (By Owner or Additional Service)	
2	16					Record Data (Redstone Review) & incorporate into report	
4	28			0			
\$	800.00	\$	3,360.00	\$	-	SUBTOTAL	
		\$	4,160.00			SUBTOTAL- REDSTONE ARCHITECTS PART 3	
		\$	1,000.00			PART 3- BUILDING CONDITION ANALYSIS-CONSULTANTS	
		\$	1,500.00			Electrical Engineering ETS ENGINEERING	
		\$	800.00			Mechanical and Plumbing JRED	
		\$	3,300.00			Structural Engineer- IMEG	
		\$	7,460.00			TOTAL FEE PART 3- BUILDING CONDITION ANALYSIS.	
						OPTIONAL OR BY OWNER- ENVIRONMENTAL ASSESSMENTS	

AGENDA ITEM G

	A	B	C	D	E
1	FIRM	SERVICE	CONTRACT START	CONTRACT TERM / END	TERMS
2	Active Network	Recreation/facility scheduling	2015.06.22	2021.06.18	Renews every 3 years
3	Archive Social	Social Media archiving	2019.05.01	2019.07.01 2021.07.01	\$2,388 renews annually
4	Asphalt Specialist, Inc.	2016 Paving		2020	
5	AT&T	Franchise Agreement		2024.03.31	
6	Baker & Elowsky, PLLC	General Legal & Proscuting Services	2016.02.22		Retainer: \$1,650/mo General legal & Prosecutions: \$130/hr Project accounts \$150/hr DDA \$130/hr
7	Berkley	Jail Services	2018.05.01	2020.04.30 2021.04.30	\$100 per prisoner
8	BSB Communications	Mitel Telephone Equipment			
9	Carr's Outdoor Services	2016 Pavement Joint & Crack Sealing Program			
10	CBIZ Retirement Plan Services	OPEB & Retiree Healthcare Actuarial Services	2018.06. 2020.04.03	2021.04.03 - renews a	FY 2020: \$5,000 6/30/2020: 1,000 6/30/2021: \$1,000 Additional: \$600 FY 18/19: \$5000 Interim 18: \$500 Interim 19: \$00
11	Central Air Compressor Co. (CAC)	Maintenance Agreement - Tank	2019.01.01	2019.12.31 (County)	\$90/hr (avg. \$1,900/qtr)
12	Civic Plus	Website hosting & Storage	2017.05.01	2018.05.01	\$6,645
13	Clifton Grant	Building, Maintenance	2018.08.20	2020.06.30 2021.06.30	CHANGED TERMS - Building & Community Room Separate
14	Crown Castle	Cell Tower at DPS	2017.01.31	2023.07.09	
15	CV Studios (formerly CMN)	Cable Services	2019.01	2020.12.31	\$25/hr, Not to exceed \$2,917/mo

City of Lathrup Village
Contracts
(draft 10.01.2018)

	A	B	C	D	E
1	FIRM	SERVICE	CONTRACT START	CONTRACT TERM / END	TERMS
16	Detroit Rock Salt	Road Salt	2018.05	2019 w 3 yr option	Oakland County agencies \$52.67 per ton (37,600 tons)
17	Excell Landscaping LLC	Lawn maintenance, nuisance cuts		2020.06 2019.06	2020 season - same prices added periodic cleanup of 696 service dr
18	Ferndale - City of	Southwest Storage Yard	2019.10.01 2018.10.01 2019.10.01	2019.12.31 2018.12.16 2019.12.31	\$1,545 \$1,545 \$1,545
19	FiberTechnologies Networks	Metro Act	2018.09.30	2033	
20	Giffels Webster	Planning and Engineering	2010		2019: \$1,275 per month professional fee plus review rates
21	Giffels Webster	2019/20 Comprehensive Plan	2019	2021	\$52,700: \$25,000 by MEDC \$27,700 LV/DDA
22	Giffels Webster	2020/21 Engineering - Tap grant/bike	2020	2021	\$24,000 slect with DDA
23	Hart Intercivic	Voting Machines	2017.08.01		\$20,000
24	Hubble Roth & Clark	Sewer Permitting			
25	HydroCorp	Water Supply Cross Connections	2018.04.01	2019.04.01 2020.04.30 2021.04.30	
26	I.T. Right	Computer/Network Support	2019.09.26	2020.08	\$8,834
27	J.H. Hart Forestry	Tree Service	2009.01.09 2021.01.01	2021.12.31	
28	JS Clark Agency / Assured Partners of MI	Health Insurance Administration	2020.07.01		
29	Keller Thoma	Labor Attorney			
30	Kennedy Industries				

City of Lathrup Village
Contracts
(draft 10.01.2018)

	A	B	C	D	E
1	FIRM	SERVICE	CONTRACT START	CONTRACT TERM / END	TERMS
31	Lathrup Services	Public Works		2018.07.01 2019.07.01 2020.07.01 2021.07.01	1 YEAR - FY20/21: \$399,870
32	McKenna Services	Code Enforcement & Permits	2015.03.18		

City of Lathrup Village
Contracts
(draft 10.01.2018)

	A	B	C	D	E
1	FIRM	SERVICE	CONTRACT START	CONTRACT TERM / END	TERMS
33	Munetrix	Financial Reporting	2018.12.01	annual renewal	\$4,059
34	Oakland County Animal Shelter	Board & Disposal of Animals	2017.10.01 2019.10.01	2019.09.30 2022.09.30	2017-2019: \$23 impound / \$7 disposal 2020: \$24 impound / \$7 disposal 2021: \$24 impound / \$7 disposal 2022: \$25 impound / \$8 disposal
35	Oakland County Equalization	Assessing Services	2019.07.01	2022.06.30	FY 19/20: \$14.54 real / \$12.93 personal FY 20/21: \$14.69 real / \$13.06 personal FY 21/22: \$14.84 real / \$13.19 personal
36	Oakland County I.T.	I.T. Services Interlocal Agreement Amendment - Enhanced Access	2019.06.17 2020.03.25	2022 2020.04.30	
37	Oakland County Mutual Aid		2017. 03	2027	
38	Oakland County Central Support	Vehicle Services	2020.01	2025.01	\$65.11 / hr
39	Oakland County Water Resource Comm	Sanitary Retention Tankk O&M	2019.06.17	2029.06.17	\$25,000 deposit \$25,000 annual for reserve \$75,000 / yr 10 years
40	Orkin Pest Control				
41	Peter Allen	Brokerage Services	2017.01.25	2018.01.25	\$190/hr
42	Pitney Bowes	Postage Meter		2020.09 2025.09	\$407.94 / quarterly
43	Plante Moran	Auditing	06.01.2019	2020.06.30 2021.06.30	\$39,000
44	Schooley Mitchell Telecom Consultant	Telecom Consultant			
45	Service Line Warranties of America	Water & Sewer Line warranty	2018.08.01	2021.08.01	
46	See, Click, Fix	Customer Service Workflow	2020.01	2021.01	\$4,800 annual renewal
47	SOCCRA	Solid Waste & Recycling Service	2018.07.01	2027.07.01	
48	SOCCRA - Tringali	Yard waste and branch chipping	2019.07.01	2021.06.30	\$1,360 per week
49	Southfield Fire	Fire Services	2019.07.01	2021.06.30	FY 19/20: \$614,412 FY 20/21: \$626,700

City of Lathrup Village
Contracts
(draft 10.01.2018)

	A	B	C	D	E
1	FIRM	SERVICE	CONTRACT START	CONTRACT TERM / END	TERMS
50	Southfield Library	Library Services	1979.09.26		
51	Southfield Police & Fire Dispatch	Police and Fire Dispatch Services	2019.07.01	2021.06.30	FY 19/20: \$54,579 FY 20/21: \$55,124
52	Sunde Services	Water leak detection - 2 sections	2020.02.03		Feb. 2020: \$3,000 March 2020: \$3,000
53	Tatiana Kitlak	Dance Instructor	2017.09.09	2020.06.30	\$1,000
54	Tringali	Sanitation, recycling	2017.07.01	2027.07.01	