

TOWNSHIP OF LOWER MERION

PUBLIC WORKS COMMITTEE

**Wednesday, April 3, 2019
6:00 PM (Approximately)**

Chairpersons: Michael F. McKeon
Vice Chairperson: Rick Churchill, Anthony C. Stevenson

AGENDA

1. **AUTHORIZATION TO ADVERTISE PROPOSED ORDINANCE - CHAPTER 133, STREETS AND SIDEWALKS - SIDEWALK REPAIR STANDARDS**

2. **AUTHORIZATION TO USE UNDESIGNATED SEWER FUND BALANCE FOR COUNTY LINE ROAD PUMP STATION IMPROVEMENTS**

3. **PRESENTATION OF 2019 PROPOSED PAVING PROGRAM**

4. **PUBLIC WORKS DEPARTMENT DIRECTOR'S REPORT**



AGENDA ITEM INFORMATION

ITEM: AUTHORIZATION TO ADVERTISE PROPOSED ORDINANCE - CHAPTER 133, STREETS AND SIDEWALKS - SIDEWALK REPAIR STANDARDS

Consider for recommendation to the Board of Commissioners authorizing the Township Secretary to advertise notice of intent to adopt an Ordinance to amend the Code of the Township of Lower Merion, Chapter 133, Streets And Sidewalks, to require that sidewalks be repaired when there is a difference in elevation between sidewalk blocks, or cracks within a block more than one-quarter of an inch, or when a sidewalk crack is more than one-half inch in width, or when a sidewalk block displays a spalling or flaking condition.

PUBLIC COMMENT

ATTACHMENTS:

Description	Type
<input type="checkbox"/> Issue Briefing - Sidewalk Repair Standards	Issue Briefing
<input type="checkbox"/> Draft Ordinance - Sidewalk Repair Standards	Ordinance

TOWNSHIP OF LOWER MERION

Public Works Committee

Issue Briefing

Topic: Sidewalk Repair Standards
Prepared By: Paul McElhaney, Director of Public Works
Date: March 29, 2019

I. Action To Be Considered By The Board:

Authorize the Township Secretary to advertise notice of intent to adopt an Ordinance to amend the Code of the Township of Lower Merion, Chapter 133, Streets And Sidewalks, to require that sidewalks be repaired when there is a difference in elevation between sidewalk blocks, or cracks within a block more than one-quarter of an inch, or when a sidewalk crack is more than one-half inch in width, or when a sidewalk block displays a spalling or flaking condition.

I. Why This Issue Requires Board Consideration:

In accordance with Chapter 133, Streets And Sidewalks of the Township Code, the Board of Commissioners must approve any changes to the code.

II. Current Policy Or Practice (If Applicable):

N/A

III. Other Relevant Background Information:

The Township's sidewalk repair criteria have been in place since 1979 and do not take into consideration the requirements established by the federal ADA laws. One example is our requirement for a one-inch elevation difference before a sidewalk requires repair. The current building code and the ADA laws only allow for a one quarter inch elevation difference. Any elevation difference larger than one quarter inch must be replaced or a sloped ramp must be provided to accommodate the elevation difference.

The attached ordinance amends Section 133-20 A by reducing the elevation difference in our sidewalk standards from one inch to one quarter inch to reduce the potential for a tripping condition and to comply with ADA laws.

Section 133-20 B has also been amended to reduce a crack with a horizontal opening from greater than one inch down to one half inch. This is also an ADA requirement.

The final amendment to Section 133-20 C is a new requirement to address concrete blocks that are crumbling causing a tripping or slipping condition. The current regulations do not address crumbling concrete blocks and this condition can result in falls and trip hazards.

IV. Impact On Township Finances:

This will have no impact on Township finances.

V. Staff Recommendation:

Staff recommends advertisement and adoption of an Ordinance to amend the Code of the Township of Lower Merion, Chapter 133, Streets and Sidewalks.

AN ORDINANCE

NO. _____

AN ORDINANCE To Amend The Code Of The Township Of Lower Merion, Chapter 133, Streets And Sidewalks, to require that sidewalks be repaired when the difference between sidewalk blocks is more than one-quarter of an inch, or when a sidewalk crack is more than one-half inch, or when a sidewalk block displays a spalling or flaking condition.

The Board of Commissioners of the Township of Lower Merion hereby ordains:

Section 1 The Code of the Township of Lower Merion, Chapter 133, Streets and Sidewalks, Article IV, Defective Sidewalks and Curbs, Section 133-20, Duty of Owners shall be amended to provide as follows:

Article IV. Defective Sidewalks and Curbs

* * * * *

§ 133-20. Duty of Owners.

The owner of the abutting property shall keep the adjacent sidewalk and curb, together with any portion of such owner's property paved and used as a sidewalk or public walk, in good order and repair and at all times free and clear of all obstructions to safe and convenient passage. Sidewalks with one or more of the following conditions shall be deemed to present an obstruction to safe and convenient passage:

- A. A difference in elevation of more than one quarter inch between blocks or the result of a crack within a block; or
- B. A crack within a block that is one-half inch or more in width; or
- C. A block where the concrete finish has crumbled causing a slipping or tripping condition, as determined by the Public Works or Building & Planning Department inspector.

Section 2. Nothing in this Ordinance or in Chapter 133 of the Code of the Township of Lower Merion, as hereby amended, shall be construed to affect any suit or proceedings in any Court, any rights acquired or liability incurred, any permit issued, or any cause or causes of action existing under the said Chapters 133 prior to the adoption of this amendment.



AGENDA ITEM INFORMATION

ITEM: AUTHORIZATION TO USE UNDESIGNATED SEWER FUND BALANCE FOR COUNTY LINE ROAD PUMP STATION IMPROVEMENTS

Consider for recommendation to the Board of Commissioners approval of the use of undesignated fund balance in the Sewer Fund to pay for pump and infrastructure improvements at the County Line Road Pump Station facility.

PUBLIC COMMENT

ATTACHMENTS:

Description	Type
☐ Issue Briefing - County Line Road Pump Station	Issue Briefing

TOWNSHIP OF LOWER MERION

Public Works Committee

Issue Briefing

Topic: County Line Road Pump Station Improvements

Prepared By: Paul A. McElhaney, Director of Public Works

Date: March 29,2019

I. Action To Be Considered By The Board:

Approve use of undesignated fund balance in the Sewer Fund to pay for pump and infrastructure improvements at the County Line Road Pump Station facility.

II. Why This Issue Requires Board Consideration:

Board approval is needed to move a portion of a project listed in the current Capital Improvement Plan for 2022 up to this current year and to utilize Sewer Fund reserve.

III. Current Policy Or Practice (If Applicable):

IV. Other Relevant Background Information:

While installing the new sanitary sewer lateral that would service One Ardmore Place the developer encountered several unidentified utility banks that obstructed the lateral and its potential tie in to the Mill Creek Pump Station via Lancaster Avenue as originally proposed.

Staff along with the Township Engineer evaluated several options to address the issue. At the completion of that review it was determined that rerouting of the outflow sewage to the County Line Road Pump Station facility via Cricket Avenue was the most viable option.

In reviewing the County Line Road Pump Station to verify if adequate capacity was available for the additional outflow from One Ardmore Place it was determined that adequate capacity existed but that the station during wet weather conditions already operates at near capacity of the current pumps.

The developer of one Ardmore Place contributed \$20,000 to offset the cost to rebuild the larger of the three pumps in the station which would have helped the wet weather performance. Subsequent analysis indicates it would be more prudent to install one new large pump rather than rebuild the existing large pump. This will give the station improved wet weather capacity but will also provide the station with redundancy.

In 2022 the plan would remain to upgrade the older large pump as well as the smaller auxiliary pump so the total pump station upgrade would be completed in two phases. The Township Engineer concurs that it would be prudent to move forward in the design and installation of the new large pump at this time to ensure performance and capacity at all times.

V. Impact On Township Finances:

The Sewer Fund would incur a drawdown of approximately \$150,000 of its fund reserves in 2019 -2020 rather than funding the entire project in 2022 at an estimated cost of \$450,000.

VI. Staff Recommendation:

Staff recommends advancing this partial project to 2019 to better address the pump station performance utilizing Sewer Fund balance.



AGENDA ITEM INFORMATION

ITEM: PRESENTATION OF 2019 PROPOSED PAVING PROGRAM

Public Works staff will present the proposed lists of streets to be rotomilled, paved, and microsurfaced during the upcoming 2019 Resurfacing Program.

PUBLIC COMMENT

ATTACHMENTS:

Description	Type
<input type="checkbox"/> Issue Briefing - 2019 Proposed Paving Schedule	Issue Briefing
<input type="checkbox"/> 2019 Preliminary Paving List	Backup Material
<input type="checkbox"/> 2019 Proposed Microsurfacing List	Backup Material

TOWNSHIP OF LOWER MERION

Public Works Committee

Issue Briefing

Topic: 2019 Proposed Paving Program

Prepared By: Paul A. McElhaney, Director of Public Works

Date: March 29, 2019

I. Action To Be Considered By The Board:

For information only- no action is necessary.

II. Why This Issue Requires Board Consideration:

Presenting the proposed paving and micro-surfacing list will allow the Board the opportunity to provide input to the proposed list of streets to be rotomilled/paved or micro-surfaced in 2019

III. Current Policy Or Practice (If Applicable): N/A

IV. Other Relevant Background Information: N/A

V. Impact On Township Finances:

Budgeted in the 2019 CIP is \$1.5M. The Township will also be in receipt of funding from State Liquid Fuels and contributions from the utilities for restoration of those roadway areas where they have completed underground infrastructure work.

VI. Staff Recommendation:

Staff will finalize the analysis and create the final paving list to be let for bid in the upcoming weeks.

2019 Preliminary Rotomilling / Resurfacing Paving Program

Ward	Paving Lanes	Start to Finish	Length	Width	Total Sq. Yds.	Material Needed (Tons)	Rating (Average)
8	Church Road	Lancaster Avenue to Marlboro Road	122	28	380	43	65
8	Church Road	Marlboro Road to Argyle Road	380	28	1,182	133	65
8	Linwood Avenue	E. Athens Avenue to Argyle Road	846	24	2,256	254	72
8	Linwood Avenue	E. Athens Avenue to Spring Avenue	1311	24	3,496	393	72
8	Williamsburg Road	Linwood Road to Hood Road	580	24	1,547	174	78
4, 8	Arnold Road	St. Pauls Road to Linwood Avenue	451	24	1,203	135	74
8	Drexel Road	Linwood Avenue to Edgemont Road	286	24	763	86	74
8	Edgemont Avenue	Drexel Road to Spring Avenue	420	24	1,120	126	56
5	Glenn Road	St. Georges Road to Mill Creek Road	2414	22	5,901	664	72
5	St. Georges Road	Montgomery Avenue to Glenn Road	1130	22	2,762	311	70
5	Llanfair Road	Montgomery Avenue to Coulter Avenue	464	36	1,856	209	86
5	Llanfair Road	Coulter Avenue to Church Road	546	36	2,184	246	86
5	Sibley Avenue	Church Road to Coulter Avenue	816	28	2,539	286	80
4, 5, 10	Montgomery Avenue	Haverford Station Road to Woodside Road	1852	40	8,231	926	84
4, 5	Montgomery Avenue	Woodside Road to Valley Road	514	40	2,284	257	84
4, 5	Montgomery Avenue	Valley Road to Bleddyn Road	420	40	1,867	210	84
4, 5	Montgomery Avenue	Bleddyn Road to Mill Creek Road	476	40	2,116	238	84
4, 5	Montgomery Avenue	Mill Creek Road to Anderson Avenue	153	40	680	77	84
5	Montgomery Avenue	Anderson Avenue to St. Georges Road	256	40	1,138	128	84
14	Drayton Lane	Haverford Road to Trent Road	636	24	1,696	191	92
14	Suffolk Road	Haverford Road to Trent Road	653	24	1,741	196	70
14	Broadlawn Road	Wiltshire Road to Meredith Road	243	24	648	73	90
14	Broadlawn Road	Meredith Road to Allendale Road	237	24	632	71	90
14	Yarmouth Road	Wiltshire Road to Arden Road	845	24	2,253	254	88
14	Yarmouth Road	Arden Road to Garden Road	410	24	1,093	123	88
14	Arden Road	Allendale Road to Yarmouth Road	263	24	701	79	84
14	Arden Road	Yarmouth Road to End	122	24	325	37	84
14	Garden Road	Haverford Road to Yarmouth Road	387	24	1,032	116	82
14	Garden Road	Yarmouth Road to Abordale Road	230	26	664	75	82
14	Garden Road	Abordale Road to Overbrook Parkway	256	26	740	83	82
14	Arbordale Road	Haverford Road to Garden Road	417	24	1,112	125	94
14	Overbrook Road	Haverford Road to Garden Road	472	24	1,259	142	88
14	Allendale Road	City Avenue to Andover Road	1,357	30	4,523	509	80
14	Wiltshire Road	City Avenue to Broadlawn Road	856	32	3,044	342	76
14	Wiltshire Road	Broadlawn Road to Andover Road	447	32	1,589	179	76
14	Wiltshire Road	Andover Road to Yarmouth Road	266	32	946	106	76
14	Wiltshire Road	Yarmouth Road to End	102	32	363	41	76
14	Andover Road	Haverford Road to Wiltshire Road	1511	30	5,037	567	88
14	Meredith Road	City Avenue to Broadlawn Road	867	30	2,890	325	74
14	Meredith Road	Broadlawn Road to Andover Road	458	32	1,628	183	74
14	Rockglen Road	City Avenue to Surrey Lane	504	24	1,344	151	82
14	Rockglen Road	Surrey Lane to Overbrook Parkway	1340	24	3,573	402	82
14	Trent Road	City Avenue to Surrey Lane	446	24	1,189	134	74
14	Trent Road	Surrey Lane to Overbrook Parkway	1240	24	3,307	372	74
14	Henley Road	City Line Avenue to Surrey Lane	488	24	1,301	146	84
14	Henley Road	Surrey Lane to Overbrook Parkway	1036	24	2,763	311	84
14	Surrey Lane	Overbrook Parkway to Rockglen Road	1180	24	3,147	354	80
14	Rosedale Road	Overbrook Parkway to Crosshill Road	440	24	1,173	132	74
14	Rosedale Road	Crosshill Road to Overbrook Parkway	674	24	1,797	202	74
14	Rosedale Road	Overbrook Parkway to Rosedale Road (Island)	100	24	267	30	74
14	Westwood Lane	Haverford Road to Beverly Road	300	24	800	90	64
14	Westwood Lane	Beverly Road to Rockglen Road	250	24	667	75	64
14	Westwood Lane	Rockglen Road to Trent Road	243	24	648	73	64
14	Westwood Lane	Trent Road to Henley Road	248	24	661	74	64
14	Westwood Lane	Henley Road to Overbrook Parkway	288	24	768	86	64
14	Oakwynne Drive	Morris Avenue to End	320	28	2,337	117	65
14	Brinton Park Drive	Haverford Avenue to Rock Glenn Drive	278	38	1,174	132	70
14	Brinton Park Drive	Rock Glenn Drive to Glen Arbor Drive	192	26	555	62	65
14	Brinton Park Drive	Glen Arbor Drive to Twin Oaks Drive	531	24	1,416	159	72
14	Brinton Park Drive	Twin Oaks Drive to Powder Mill Lane	381	26	1,101	124	72
14	Brinton Park Drive	Powder Mill Lane to Brookhaven Road	253	24	675	76	60
14	Brinton Park Drive	Brookhaven Road to End	177	24	472	53	70
14	Twin Oaks Drive	Brinton Park Drive to Glen Arbor Drive	312	24	832	94	55

2019 Preliminary Rotomilling / Resurfacing Paving Program

Ward	Paving Lanes	Start to Finish	Length	Width	Total Sq. Yds.	Material Needed (Tons)	Rating (Average)
14	Twin Oaks Drive	Glen Arbor Drive to Rock Glenn Drive	360	24	960	108	60
14	Twin Oaks Drive	Rock Glenn Drive to Delmont Avenue	261	24	696	78	70
14	Rock Glen Drive	Brookhaven Road to Brinton Park Drive	260	24	693	78	65
14	Rock Glen Drive	Brinton Park Drive to Twin Oaks Drive	1162	26	3,357	378	65
14	Glen Arbor Drive	Twin Oaks Drive to Brinton Park Drive	726	24	1,936	218	65
3	Smith Drive	Mary Watersford Road to Harvest Circle	797	24	2,125	239	64
3	Harvest Circle	Smith Drive to Smith Drive	1056	26	3,051	343	62
3	Gainsboro Road	Mary Watersford Road to Gainsboro Circle	1,310	24	3,493	393	75
3	Sandringham Road	Gainsboro Circle to Mary Waters Ford Road	1,795	24	4,787	539	65
3	Gainsboro Circle	Sandringham Road to Circle	292	24	1,873	92	75
3	Hillcrest Road	Woodbine Avenue to Conshohocken State Roa	992	24	2,645	298	74
1	Braeburn Lane	From 731 to Broad Acres Road	545	22	1,332	150	75
1	Broadacres Road	Clarendon Road to Bryn Mawr Avenue	540	26	1,560	176	70
1	Broadacres Road	Braeburn Road to Clarendon Road	452	26	1,306	147	70
1	Broadacres Road	Braeburn Road to Arlington Road	1485	26	4,290	483	70
1	Broadacres Road	Arlington Road to Brookhurst Avenue	517	24	1,379	155	70
1	Arlington Road	Braeburn Road to Broadacres Road	1148	24	3,061	344	84-
1	Brookhurst Avenue	S. Woodbine Avenue to Cleveland Avenue	658	24	1,755	197	84-
2	Sweet Briar Road	Waverly Road to Briar Hill Road	1094	26	3,160	356	50
2	Sweet Briar Road	Briar Hill Road to Circle	700	26	2,022	228	50
2	Briar Hill Road	Winston Road to Sweet Briar Road	1245	26	3,597	405	60
2	Briar Hill Road	Abbey Lane to Winston Road	1448	24	3,861	434	60
2	Briar Hill Road	Waverly Road to Abbey Lane	471	26	1,361	153	60
2	Winston Road	Briar Hill Road to Circle	602	28	3,682	216	65
2	Riverview Road	Waverly Road to Sylvan Lane	786	28	2,445	275	70
2	Riverview Road	Sylvan Lane to Circle	1300	28	4,044	455	70
10	Sylvan Lane	Riverview Road to Circle	890	28	4,479	317	70
1	Muirfield Road	Rock Creek Road to Mt. Pleasant Road	2234	26	6,454	726	72
10, 11	Morris Avenue	New Gulph Road to Old Gulph Road	3146	30	10,487	1180	65
11	Caversham Road	Morris Avenue to Colebrook Road	529	24	1,411	159	66
11	Caversham Road	Colebrook Road to End	1050	24	2,800	315	66
11	Colebrook Road	Caversham Road to Potts Lane	1592	24	4,245	478	70
11	Potts Lane	Old Gulph Road to Colebrook Road	742	24	1,979	223	72
11	Potts Lane	Colebrook Road to Caversham Road	576	24	1,536	173	72
4, 10	Elliott Avenue	Lancaster Avenue to Old Lancaster Road	691	12	921	104	70
		Total	69,145		208,172	22,770	
		Miles	13.0956				
		Estimate for 2019 (\$9.02)			\$ 1,877,708		
		Microsurfacing from 2018			\$ 75,970		
		Inspections			\$ 30,000		
		Llanfair Road					
		Peco Contributions			-132,301.00		
		Aqua Contributions			-231,819.50		
		Total:			\$ 1,619,557		

2019 Microsurfacing List

Street	Start to Finish	Length	Width	Sq./Yds.		
Group 1						
Penn Valley Road	Bryn Mawr Avenue to Moreno Road	1125	24	3,000		Carried over from 2018
Hansell Road	McClenaghan Mill Road to Montgomery Avenue	1271	24	3,389		Carried over from 2018
Group 2						
S. Washington Avenue	School Street to Ashland Avenue	617	24	1,645		Carried over from 2018
Lyle Avenue	Pencoyd Avenue to Ashland Avenue	543	24	1,448		Carried over from 2018
Maple Avenue	School Street to dead end	1117	24	2,979		Carried over from 2018
Park Avenue	School Street to Maple Avenue	289	24	771		Carried over from 2018
School Street	S. Washington Avenue to Lyle Avenue	1650	26	4,767		Carried over from 2018
Girard Avenue	School Street to dead end	289	24	771		Carried over from 2018
Craig Ln	Old Gulph Rd to End	750	28	2,333		Add-on
Total Sq./Yds.						
				21,103		
\$3.60 per/Sq./Yd.				\$75,970		



AGENDA ITEM INFORMATION

ITEM: PUBLIC WORKS DEPARTMENT DIRECTOR'S REPORT

The Director of Public Works will provide an update on matters of importance affecting the Department.

PUBLIC COMMENT