



Public Works Committee Agenda

Tuesday, August 23, 2016 at 4:00 pm

Whitefish Bay Village Hall

- 1. Call to Order**
- 2. Review and Approve minutes of July 21, 2016 Public Works Committee Meeting**
see attachment
- 3. Review and Approve Proposed 2017 Projects from Borrowed Funds**
see attachment
- 4. Review and Approve Lancaster Storm Sewer Lining Project**
see attachment
- 5. 2016 Construction Project Update**
- 6. Next scheduled meeting – Thursday, September 15, 2016 at 4:00pm**
- 7. Adjournment**

Posted: 8/19/16

Note: It is possible that members and/or possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; action will not be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in the notice.

Cc: Village Board; Village Manager, Department Heads; Village Attorney

Public Works Committee Meeting Minutes
July 21st, 2016 4:00 PM

Whitefish Bay Village Hall 5300 North Marlborough Drive

I. Call to Order and Roll Call

The meeting was called to order at 4:01 pm.

Present: Trustee Serebin, Trustee Fuda, Trustee Miller, Tom Kindschi.

Also Present: Village Manager Steven Sheiffer, Public Works Director John Edlebeck, Village Engineer Mustafa Emir, Civil Engineer for TADI John Campbell, Erik Schmitt from GRAEF, and Staff Engineer Spencer Charczuk.

II. Approval of Minutes May 26th, 2016 Public Works Committee Meetings

Trustee Serebin moved, seconded by Tom Kindschi to approve minute for May 26th, 2016. Unanimous in favor. Motion approved.

III. Review and Approve DOT HSIP Grant Application

Application deadline for grant is August 15th. The engineering firm TADI is under contract for a traffic study involving Lake Dr, Silver Spring Dr, and traffic signal improvement. Village Manager commented on the grant acceptance process. Steve Sheiffer also discussed the possibility of an additional traffic signal at Consaul Pl and Silver Spring Dr if the area around Sendik's is redeveloped. Trustee Fuda questioned if areas such as the traffic signal at Bay Ridge Ave and Silver Spring Dr can be given priority. John Edlebeck, Public Works Director, discussed the possibilities of doing so but there are budget limitations. Steve discussed the possibility of phasing the projects and having the earlier projects apply toward the Village Local Share Cost. Trustee Fuda asked what the lead time for when decisions need to be made relating to usage of the grant. The application date is August 15th with an expected award notice by October 15th. Trustee Serebin had some questions related to the usage of danish pedestrian crossings on Lake Dr. Trustee Miller asked if our previous grants would affect future grants and what the local share cost split is. Previous grant will not affect future grants and the split is 90% federal /10% local. Resident Robert Crawford expressed his thoughts that immediate relief is needed at the crossing of Palisades Rd and Lake Dr. Trustee Miller asked for detailed descriptions of intersections. The possible removal of the traffic signal at Marlborough Dr and Hampton Rd as well as Marlborough Dr and Henry Clay St were discussed. There is a possibility of flashing LED's with signage to be placed along Lake Dr. at some locations. Steve mentioned the possibility of minimizing the number of pedestrian crossings. Trustee Miller discussed the intersection of Bartlett Ave and Lake Dr and the difficulty of performing a left turn. The use of additional reflective markings will also help improve pedestrian safety.

Trustee Serebin moved, seconded by Tom Kindschi to approve the DOT HSIP Grant Application. Unanimous in favor. Motion approved.

IV. **2016 Sanitary Sewer Improvement Project Update**

John and Mustafa reviewed this sanitary sewer project and discussed the previous design of the Fairmount Ave sanitary sewer system. When Fairmount Ave. was reconstructed the Village took over the existing 21" MMSD Interceptor Sewer. Mustafa described how the completion of the Lancaster Ave sanitary sewer reconstruction was to complement the previous project. John spoke about a discussion with MMSD about the current project sanitary sewer design and the possibility of an alternate design to what had previously been discussed. A new alignment would run a dedicated sanitary sewer line down Fairmount from Marlborough Dr. to Diversey Blvd. Construction could be done through micro-tunneling or bore/jack. This would create less of a disturbance to residents and would allow for winter construction. Mustafa discussed the proposed pipe size would be 12". Trustee Fuda asked about project timelines. John stated the project will be on the August 8th Village Board agenda and the plan is to have an October 3 start date with most construction completed by the end of the year, with final completion in spring.

Trustee Fuda moved, seconded by trustee Serebin to recommend to the board the Sanitary Sewer Improvement Project. Unanimous in favor. Motion approved.

V. **Construction Project Updates**

John discussed the resident's reactions to current projects and that the contractor has been accommodating and had positive interactions with the residents. The 4700 block of Sheffield Ave has been completed with the exception of the turf restoration work. Seven lead services were replaced on Sheffield Ave. Assessments for this private water service work will go out to residents in the fall. Elkhart Ave. construction has not begun, but will begin in early to mid-August. John has been in contact with the residents in regards to lead water services. Berkeley Blvd curb and driveways have been poured to 6200 Berkeley. Mainline pavement will be paved at the end of the project in October. Contractor is now working on the second half of the project. 5900 block of Berkeley will be milled shortly and asphalt is expected to be placed before the start of the school year. Steve has given Julie Siegel, Village President, a tour of the current projects.

VI. **Review and Approve School House Park Concept Master Plan**

Erik Schmitt, GRAEF, discussed the use of signage and establishing a theme uniform throughout the Village for the parks. Trustee Fuda asked who was on the committee overseeing the parks. Members of the Garden Club, Civic Foundation, Village Staff, Library Board, Historic Society and adjacent citizens make up the committee. Trustee Fuda asked how many events occur at Schoolhouse Park. Events are pumpkin carving, ice cream socials, and community band performances. Steve discussed that the goal is to develop a conceptual plan for all parks. \$1 million could be allocated to repairs of parks and various public buildings. Trustee Fuda asked if there had been any clubs that have been asked to contribute funds for the improvements. John discussed some minor repairs such as the asphalt pavement replacement around Schoolhouse Park. Trustee Miller asked about the necessity of the work. Steve

further discussed funding, mentioning that some funds could come from the Civic Foundation and that he would need to approve conceptual plan to begin further negotiations with them. Trustee Fuda feels that Schoolhouse Park is not a primary park and other parks should be a priority. Steve discussed issues with Klode Park such as erosion and park bathrooms. John discussed the possibility of funding through fundraising for the parks. Tom Kindschi would like to wait until we get more plans. Trustee Serebin was concerned about signs taking up too much space and asked how many trees would be lost with the improvements. John discussed ADA elements of the project. Steve stated that he will propose to budget a lump sum for all parks in 2017 for planning and improvements.

VII. **Next Scheduled Meeting- Tuesday August 23, 2016 at 4:00pm**

Trustee Fuda motioned to adjourn, seconded by Trustee Serebin. Unanimous in favor. Motion approved. Meeting adjourned at 5:37pm.

August 16, 2016

To: Public Works Committee

Subject: Review of Preliminary 2017 Budget for Borrowed Funds for Infrastructure Projects

From: Steve Sheiffer – Village Manager 

We are in the preliminary stages of preparing the proposed 2017 Village Budget. The Budget covers both operating and capital and is a moving target until the end of September as new information such as state aids and health insurance rates become available. The goal is to meet the Board's adopted fiscal strategy of no more than a 2.5% market basket increase for operating and debt service combined..

As a component of the overall Fiscal Strategy the Board approved, we borrowed funds for infrastructure projects in 2016 for both fiscal years 2016 and 2017.

Attached are the preliminary proposed 2017 infrastructure projects from borrowed funds. PWC feedback on the Water Fund, Sewer Fund, Stormwater Fund and General Fund – Streets, Alleys and Sidewalks would be appreciated.

The remaining Park Projects are still under evaluation and will be reviewed by the Village Board at a future work session. In doing fiscal planning I prefer to keep a comprehensive list of all items under consideration since it provides full information and enhances the quality of my decision making on the proposed budget that is under preparation. Thus I am also including for information purposes only, the potential projects in TID#1. Some of these are infrastructure. The budget for TID #1 is recommended by the CDA and I will be scheduling a meeting with the CDA in September for their review.

Please let me know if you wish any additional information prior to the meeting.

Cc: Village Board; Department Heads; Village Attorney; Mustafa Emir

August 16, 2016
Revised

Village of Whitefish Bay
Proposed 2017 Projects from Borrowed Funds

<u>WATER FUND</u>		\$ 300,000
Water Main and Valve Repair and Replacement	\$100,000	
Water Meter Purchase for Installation (225 meters)	\$ 60,000	
Replacement of Murray Avenue Water Main	\$140,000	
<u>SEWER FUND</u>		\$ 250,000
Sanitary Sewer Main, Main Lining and Manhole Repairs	\$250,000	
<u>STORMWATER FUND</u>		\$ 350,000
Manhole, Main Lining, Catch Basin and Inlet Repairs	\$350,000	
<u>GENERAL FUND</u>		\$2,375,000
Streets, alleys, sidewalks etc.		
Mill and Overlay Project	\$ 650,000	
Sidewalk Improvement Project	\$ 100,000	
Roadway/ Utility Project - Design Engineering	\$ 200,000	
10% design fee of \$2,000,000 project		
2018 construction		
Street Lighting Replacement Project – Circle Dr. area	\$ 200,000	
DOT HSIP Safety Grant Improvements	\$ 100,000	
10% local share of \$1,000,000 project		
2020 Construction		
Miscellaneous street repairs	<u>\$ 200,000</u>	
	Sub Total	\$1,450,000

Cahill Park Maintenance Projects

Cahill Park Pavilion Floor Coating	\$ 25,000
Cahill Park Tennis Courts Lighting Replacement Project	\$ 250,000
Cahill Park Tennis Courts Reconstruction Project Design	\$ <u>25,000</u>
10% design fee of \$250,000 project for 2018 construction	
Sub Total	\$ 300,000

Park Improvement Projects

Design fees or project implementation at Klode or School House Parks	\$ 100,000
Sub Total	\$ 100,000

Park Planning

Klode Park Master Plan – Beach Evaluation & Strategy	\$ 30,000
Cahill Park and Armory Park Master Plan	\$ <u>15,000</u>
Sub Total	\$ 45,000

General Village Buildings

Old Public Works Site Master Plan	\$ 20,000
Village Hall / Police Department Facility Design	\$ <u>100,000</u>
10% design fee of \$1,000,000 project 2018 construction	
Sub Total	\$ 120,000

Contingencies and Undesignated Projects \$ 260,000

TOTAL AMOUNT FROM BORROWED FUNDS \$3,275,000

August 16, 2016
Revised

Village of Whitefish Bay
Description of Proposed 2017 Projects from Borrowed Funds

WATER FUND

\$ 300,000

Water Main /Valve / Hydrant Repair and Replacement \$100,000

- Maintenance and repair needs of 46 miles of water main, 1150 water valves, 4865 water services and 470 fire hydrants.

Water Meter Purchase for Installation \$ 60,000

- Replacement of the oldest 225 water meters (5%) of the total 4807 water meters in the system.

Replacement of Murray Avenue Water Main \$ 140,000

- Unanticipated maintenance and repair projects

SEWER FUND

\$ 250,000

Sanitary Sewer Main, Main Lining and Manhole Repairs \$250,000

- Maintenance and repair of the 39 miles of sanitary sewer main as well as 939 sanitary manholes.

STORMWATER FUND

\$ 350,000

Manhole, Main Lining, Catch Basin and Inlet Repairs \$350,000

- Maintenance and repair needs of our 31 miles of storm sewer main, 239 catchbasins and inlets and 399 storm manholes.

GENERAL FUND

\$2,375,000

Streets, alleys, sidewalks etc.

Mill and Overlay Project \$ 650,000

- Rehabilitate approximately 2 miles of the 38 miles of roadways in the village.

Sidewalk Improvement Project \$ 100,000

- Remove and replace approximately .75 miles of the 78 miles of sidewalks in the village.

Roadway/ Utility Project - Design Engineering \$ 200,000

- Reconstruct approximately 1 mile of the 38 miles of roadways and associated utilities in the village.
10% design fee of \$2,000,000 project
2018 construction

Street Lighting Replacement Project – Circle Dr. area \$ 200,000

- Replace the entire street lighting system that lights 1 mile of streets out of the 38 miles of streets in the village.

DOT HSIP Safety Grant Improvements \$100,000

- Implementation of Pedestrian Safety Study recommendations on Lake Drive as well as the replacement of several traffic signals within the community.
10% local share of \$1,000,000 project
2020 Construction

Miscellaneous Street Repairs \$ 200,000

- Repairs to small sections of street pavement

Sub Total \$ 1,450,000

Cahill Park Maintenance Projects

Cahill Park Pavilion Floor Coating \$ 25,000

- Install an permanent epoxy surface to the current concrete floor

Cahill Park Tennis Courts Lighting Replacement Project \$ 250,000

- Replace the entire tennis court lighting system constructed in 1970's.

Cahill Park Tennis Courts Reconstruction Project Design \$ 25,000

- Reconstruct 6 tennis courts with fencing
10% design fee of \$250,000 project for
2018 construction

Sub Total \$ 300,000

Park Improvement Projects

Design fees or project implementation \$ 100,000
Of maintenance projects at Klode or School House Parks

Sub Total \$ 300,000

Park Planning

Klode Park Master Plan – Beach Evaluation
& Strategy \$ 30,000

- Study existing beach and beach erosion and generate improvement strategy.

Cahill Park and Armory Park Master Plan \$ 15,000

- Prepare master plans for both locations identifying maintenance needs and improvements.

Sub Total \$ 55,000

General Village Buildings

Old Public Works Site Master Plan \$ 20,000

- Review and prepare master plan to identify Public Works Department long term improvements and

Village Hall / Police Department Facility Design \$100,000

- Design of recommended improvements following the Village Hall /Police Department Facility Study recommendations.

10% design fee of \$1,000,000 project
2018 construction

Sub Total \$ 120,000

Contingencies and Undesignated Projects \$ 260,000

TOTALPROJECTS FROM BORROWED FUNDS \$3,275,000

August 16, 2016

Village of Whitefish Bay
Proposed 2017 Projects

TID #1

\$ 230,000

Silver Spring Dr @ Bay Ridge Traffic Signal Replacement Project \$ 35,000

10% local share of \$350,000 project HSIP Grant

2018 construction

- Replacement of current traffic signal to improvement vehicular and pedestrian safety.

Silver Spring Dr Pedestrian Safety Improvement Design \$ 50,000

10% design fee of \$500,000 project

2018 construction

- Various intersection related improvements to increase pedestrian safety.

Traffic Signal Replacement Project \$ 70,000

Silver Spring Dr @ Santa Monica Blvd

Silver Spring Dr @ Marlborough / Lake

10% local share of \$700,000 project HSIP Grant

2020 construction

- Replacement of current traffic signal to improvement vehicular and pedestrian safety.

Silver Spring Dr Street Lighting Illumination Upgrade \$ 50,000

- Relamping of the street lights along Silver Spring Drive to increase illumination for increased pedestrian safety.

Public Green Spaces Improvement/ Design \$ 25,000

10% design fee of \$250,000 project

2018 construction

- Improvements to public space in this area



August 17, 2016

To: Chairman Miller and Members of the Public Works Committee
From: John Edlebeck, Director of Public Works
Re: Lancaster Storm Sewer Lining Project (Lydell Avenue to Port Washington Road)

In 2010 the Village experienced localized street flooding in the Lancaster Avenue area from Lydell Avenue to the east (stormwater shed area MR02). This street flooding continued to occur. In an attempt to remedy this matter, the Village Board contracted with the consulting engineering firm of SEH to scope and design a storm sewer project to remedy this flooding. In 2011 Phase 1 storm sewer improvements were constructed on Lancaster Avenue from Kent Avenue to Lydell Avenue. The design was then begun on the Phase 2 storm sewer improvements and was nearing completion by early 2015. Monies were borrowed by the Village at that time in anticipation of the upcoming storm sewer project.

In 2015, both I and Village Engineer Mustafa Emir reviewed the project design, scope and cost estimate and recommended that the project not be constructed as proposed. Village Public Works Department staff was directed at that time to inspect, televise and clean the existing downstream storm sewer pipe to better understand the existing conditions. Substantial physical blockages and impediments were found in the downstream storm sewer pipes that were removed, providing for unobstructed downstream stormwater flow. It is anticipated that this cleaning will provide for the needed pipe capacity to substantially minimize or reduce any future upstream surface flooding.

Since the pipe cleaning in 2015 the Village has not experienced any surface flooding in this area, negating the need for the proposed substantial downstream storm sewer improvements. In the inspection and cleaning process by Village crews however, the existing downstream corrugated metal storm sewer pipe was found to be in poor structural condition. It was recommended and included in the approved 2016 Village Storm Utility Budget to complete a pipe lining project of the existing downstream storm sewer pipe to address the pipe structural concerns.

This project is proposed to be bid out in September for a fall /winter construction period. The project consists storm sewer pipe lining of 1248 lineal feet of 36 inch diameter pipe along with associated manhole lining, with a cost estimate at this time of \$225,000.00.

Funding for this work will be from previously borrowed funds by the Village identified for stormwater improvements.