AGENDA

Date: August 5, 2019
Time: 6:00 p.m.

Agenda, Bay Village City Council
Committee Meeting
Conference Room, Bay Village City Hall
Dwight A. Clark, President of Council, Presiding

ANNOUNCEMENTS

Mayor Koomar

Reappointment of Julie Bauman to the Community Services Advisory Board for a three year term expiring August 5, 2022.

COMMITTEE OF THE WHOLE

Liberty Development Update.

ENVIRONMENT, SAFETY AND COMMUNITY SERVICES COMMITTEE-Mace

Bay Village Green Team Water Bottle Filling Station Donation.
Submerged Land Lease, 26504 Lake Road.

FINANCE & CLAIMS COMMITTEE-Tadych

New Financial System Purchase – Ordinance 19-69 – Second Reading and Consideration for Adoption at Special Meeting to follow Committee Meeting.

Amended Appropriation Ordinance – Funding for Rose Hill Museum Project.

PLANNING, ZONING & PUBLIC GROUNDS & BUILDINGS COMMITTEE-Winzig


PUBLIC IMPROVEMENTS, STREETS/SEWERS/DRAINAGE COMMITTEE-DeGeorge

Bridge Inspections – Ohio Department of Transportation.

RECREATION & PARKS IMPROVEMENT COMMITTEE- Winzig

Sixmo Architects – Update regarding Cahoon Memorial Park Soccer Fields Storage/Restroom Facility

SERVICES, UTILITIES & EQUIPMENT COMMITTEE-DeGeorge

MISCELLANEOUS
AUDIENCE

ADJOURNMENT
City of Bay Village

Council Minutes, Committee Session                  July 8, 2019
Dwight A. Clark, President of Council, presiding   Conference Room

President of Council Clark called the meeting called to order in the Conference Room of Bay Village City Hall at 6:00 p.m.

Present:       Clark, DeGeorge, Maier, Stainbrook, Tadych, Winzig (6:18 p.m.), Mayor Koomar.

Excused:     Mr. Mace

Also            Law Director Barbour, Finance Director Mahoney, Director of Public Service and Present:       Properties Liskovec, Recreation Director Enovitch, Building Director Tuck-Macalla.

AUDIENCE
Claire Banasiak, Dennis Driscoll, Virginia Nord, Eric Nord, Linda Gandee, Gary Sebrosky.

ANNOUNCEMENTS

Mayor Koomar announced that the Ohio Department of Natural Resources (ODNR), Coastal Management Assistance Grants (CMAG) Cycle 23 grant has been awarded to the City of Bay Village in the amount of $62,500 for the Cahoon and Columbia Park Public Access Studies Project (total cost $125,000). The first component of the project includes geotechnical studies of Bay Point and Columbia Park that are necessary to determine what type(s) of structures could reasonably be built at Bay Point, and to address the structural stability of the stairs at Columbia Park. The second component is a Bay Point site master plan to identify best practices for protecting and restoring habitat while increasing public access. This grant award builds on the CMAG Cycle 22 grant awarded previously that is being used to install crosswalks on Lake Road and a multipurpose trail to Bay Point.

Bay Days 2019

Mayor Koomar stated that there were no major incidents to report in regard to Bay Days 2019, other than a couple of minor medical issues. The feedback for the event was favorable. There were no concerns with parking expressed. Mr. Tony Dostal, who has been in charge of Bay Days for 45 years, was pleased with the set-up of the rides on the pavement, making them more secure than on the rain-soaked grass.

Lakefront Property Owners

Mayor Koomar advised that word has been received from State Representative Dave Greenspan regarding assistance from the Ohio Department of Natural Resources being provided to lakefront owners through low cost funding options for those properties in coastal erosion zones.
Library Update

The Mayor will meet with HBM Architects who is targeting August 7 for the first formal submission to the City Planning Commission. Submission is required by Friday, July 26, for the August 7 Planning Commission meeting. The understanding is that the exterior of the building is what was seen in earlier visions, with some possibility of a change in the stone. The desire is to let Building Director Eric Tuck-Macalla, Engineer Don Bierut, and Director of Public Service and Properties Jon Liskovec look at the plans to understand what is being submitted. The relationship has been positive over the last three or four months. Tracy Strobel, Deputy Director of the Cuyahoga County Public Library, understands the importance of the review by Building Director Eric Tuck-Macalla.

ENVIRONMENT, SAFETY AND COMMUNITY SERVICES COMMITTEE-Mace

Removal of Review of Codified Ordinance No. 1163.05 Fence Regulations from Matters Pending before Council.

In the absence of Mr. Mace this evening, Ms. DeGeorge will introduce a motion to remove the review of Codified Ordinance No. 1163.05, Fence Regulations, from the list of Matters Pending before Council.

Healthy Urban Tree Canopy Grant Program.

Director of Public Service and Properties Liskovec advised that the Healthy Urban Tree Canopy Grant Program is a Cuyahoga County initiative to help reforest and improve the county’s urban tree canopy. They have committed $5 million over a five year period to plant thousands of trees across the region and increase Cuyahoga County’s tree canopy from 14 to 30 percent by year 2040. A resolution authorizing an application for funding for Bay Village will be introduced at the Special Meeting of Council to be held this evening. Awards will be in the $25,000 to $50,000 range, with a City match of 5%. Applications are due July 29, 2019. Mr. Liskovec noted that the Bay Village plan for grant funding, if awarded, is to work on the tree inventory. There is a possibility that the City match could consist of in-kind services.

FINANCE & CLAIMS COMMITTEE-Tadych

June 2019 Financial Statements of the City of Bay Village.

Mr. Tadych will move to acknowledge receipt of the June 2019 financial statements of the City received today. Health care costs have increased, as well as city income tax collections. Finance Director Mahoney stated that health care and wages are at 50% at this mid-point of the year. Workers’ Compensation is a little higher than budgeted, but there is cash in the fund.

Mr. Tadych will introduce an ordinance at the Special Meeting of Council this evening to approve the contract with Squire Patton Boggs for the 2019 Labor Negotiations. The contract has exceeded the estimated $20,000 that is permitted for contracts without Council approval. The contract will be approved in the amount of $23,500 for the negotiations which have been completed.

Financial System Purchase Approval.

Mr. Tadych stated that he sat in on the demonstration of the proposed new financial system. He stated that one of the most interesting aspects is that the maintenance contract for the system is one-third of the cost of the contract, for a five year period, with the first year at no-charge. Mr. Tadych stated that what he learned from the meeting is that very little hardware is going to be needed, and the software is dependent very much on the way the accounts are coded. This will be a change in the way things are done, if it is desired to take advantage of all the different processes. This will be a major undertaking, with City people being responsible for the coding. Without proper coding on the accounts, there will not be much more realized from the system than we have today.

Mr. Tadych continued, stating that the company recommended the City use three years’ prior history and convert that as well. Mr. Tadych stated that he would like to see two years’ prior history converted.

Finance Director Mahoney stated that she has done this conversion once before in her prior employment. It is interesting to hear the sales people talk about it and knowing what actually happens after the sales people leave. A big part is the way things are coded. When you do convert past years, it does not always convert apples to apples. As we move forward on the process, it will be determined if it is valuable to spend City money to do a conversion. For example, the fuel system currently is a very simple kind of system. The system that we will move to is very complex, and to try and match what we have now to what the new codes are will be difficult. Mrs. Mahoney stated that the last time she did this system, they did not convert any years. Reference would just be made to the old system if information and records are needed.

An additional presentation that Mr. Tadych did not witness is meant for smaller entities. Bay Village is on the cusp of taking advantage of that smaller city version. The version has a time keeping system, Executime, and using their product gives a guarantee that all departments are using the same system. Currently, the City has different payroll functions coming in from the Service Department, Recreation Department, and others, with a lot of wasted time. The Mayor commented that he cannot underscore the manual effort that goes into our payroll system. This new system will be more efficient and free people up for other duties and resident interaction.

Mrs. Mahoney stated that she did inquire from the references that were given and was informed that the payroll process takes less than one day. The system is complex, there is a lot to learn compared to other systems, so continual training will be important. The other advantage to the system is that they have a Parks and Recreation module, and also a Building module. There is an app that the residents can use somewhere down the line. To get all of that running in the first 18 month period may not be possible. Mayor Koomar stated that the Building Department runs well
as it is, and to add expense there may not be necessary. Other modules will not be purchased initially.

Mr. Clark asked if there is an extra cost for additional training and system upgrades. Mrs. Mahoney stated that additional training is not included in the annual maintenance fee. Training to get the system live is all included. Training in departments is included, as well as the training of Finance Department staff. There are annual conferences to assist with the use of the product. Mrs. Mahoney stated that in her previous experience she learned all of the processes and came back and trained other employees. Mr. Tadych noted that the modules that are not included cost between $60,000 and $65,000. However, the maintenance on those modules is $28,000.

Mr. Clark suggested checking with the references given to see what they are paying for maintenance. Mrs. Mahoney stated that the maintenance on the Finance payroll is about $29,000 per year. The City is currently paying about $14,000 and not getting any upgrades. Mr. Tadych noted that maintenance fees were high on all the bids submitted.

Mrs. Stainbrook asked if Mrs. Mahoney and her team will have to put in a lot of extra time for set up and training in the implementation process. Mrs. Mahoney stated that the key employees in the Finance Department are exempt employees, so the City will not have to incur an extra cost. They are geared to smaller cities and the company takes on more with the set-up. Mrs. Mahoney stated that her experience ten years ago with another city did not require too much overtime.

Mr. Clark asked if any feedback has been received from Bailey Communications in terms of this package and the providers. Mrs. Mahoney stated that she did send the proposals over to Bailey Communications who confirmed that this can be done. The reason why the new server was purchased was for implementing this new system. Bailey was provided with the specifications before the new server was purchased.

Mr. Clark called for comments from Council.

Mr. Winzig asked about the Data Conversion noted in the color coded Implementation Guide attached to Mrs. Mahoney’s agenda request. An asterisk refers to the Data Conversion item if included in scope. Mrs. Mahoney stated that this refers to the previous discussion of how many years would be converted, if data is converted. Employees’ names and related information would be converted, as well as utility billing information. There would be some conversion. The asterisk is to define how far back the data would be converted.

Mr. Clark stated that Council has approved the partial funding of $125,000 in the 2019 budget. The ordinance is listed on tonight’s Special Meeting agenda for first reading and consideration for adoption. He asked how Council wishes to proceed this evening, noting that an additional Special Meeting will be held this summer. Mr. Clark’s recommendation would be first reading this evening. He suggested that additional questions be referred to Finance Director Mahoney prior to the next meeting of Council.

PLANNING, ZONING & PUBLIC GROUNDS & BUILDINGS COMMITTEE-Maier
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Removal of Vacant Homes from Matters Pending before Council.

**Ms. Maier** will request the removal of the matter of vacant homes from the list of Matters Pending before Council by motion at the Special Meeting of Council to be held this evening.

**PUBLIC IMPROVEMENTS, STREETS/SEWERS/DRAINAGE COMMITTEE-**

Stainbrook

*Rose Hill Museum Slope Stabilization.*

**Mrs. Stainbrook** advised that the bid for the Rose Hill Museum Slope Stabilization project came in significantly over the project estimate. Engineer Don Bierut explained that changing the method of work for the slope stabilization may bring the project closer to the estimated cost. A redesign of the structural engineering with smaller piers, and more of them, may draw more bidders. Mayor Koomar stated that discussion of placement of the piers on the slope is to move the piers lower. Mrs. Stainbrook stated that she will move to advertise for bids at the Special Meeting of Council this evening based on the new design. As opposed to being bigger piers farther out, the piers will be smaller and closer.

Mr. Tadych commented that he would favor requesting bids in the spring to obtain more bidders. Mr. Liskovec stated that contractors are now looking for work to end their season, which may result in a more favorable bidding environment. Mayor Koomar noted that the lower area behind Rose Hill Museum must be dry for the work. With all of the rain being experienced it would not be appropriate for equipment at this time.

*Sunset Area Utilities Improvements.*

Mrs. Stainbrook stated that it will be necessary to re-advertise for bids for the Sunset Area Utilities Improvements. There were no bids received for this portion of the project by the deadline for bid submission on Friday, July 5, 2019.

*Sunset Area Roadway Improvements.*

The absence of bidders for the Sunset Area Utilities Improvements affects the paving portion of the Sunset Area Improvements project. The paving cannot be done until the utility portion is completed.

Engineer Don Bierut stated that they reached out to six or eight different contractors but had a limited response. The state of the construction industry is busy and competition is very strong. The thought is to re-advertise for three weeks instead of two, and move the completion date for the utility portion to December and do the paving in the spring. Bid opening will be August 1, 2019.

Mayor Koomar related that a conference call was held with Jeff Foster, the representative of the Sunset Area homeowners’ association to provide an update on what has occurred with the bids.
Mr. Foster is an architect and understands the circumstances. Mr. Foster asked Mr. Bierut to put a memorandum together to distribute to the homeowners’ association about the next steps. The Mayor and staff will be available to attend a follow-up homeowners’ meeting this fall. Mr. Foster did not think this would be necessary, and the memorandum from Mr. Bierut will provide the needed information.

**Recommendation for Award of Contract for Lake Road Crosswalk Installations.**

Mrs. Stainbrook will introduce an ordinance at the Special Meeting of Council this evening regarding the installation of the Lake Road crosswalks at Cahoon Road and Columbia Park.

A memorandum from Curtis J. Krakowski, CSI, CDT, Infrastructure Manager to Jon Liskovec, Director of Public Service and Properties dated July 5, 2019 states that bids for the construction of the crosswalks and rapid flashing beacons were due on Friday, June 28, 2019. Even though the project was publically advertised for a total of three weeks, longer than a project of this scope would typically request bids, only one contractor submitted a bid in the amount of $93,250.00, over the advertised bid estimate for the project of $85,000. The only “Lowest Responsive and Responsible Bidder” was R. J. Platten Contracting Company, and is within 10% of the advertised estimate. Based on review of the bid and checking of references, it is the recommendation to award the contract to R.J. Platten Contracting Company. The work will begin August 1, 2019 and completed within 90 days, which would be by November 1, 2019, weather permitting.

**Ashton Lane Bridge Replacement.**

Mrs. Stainbrook will introduce an ordinance this evening at the Special Meeting of Council authorizing the Ohio Department of Transportation (ODOT) to replace the Ashton Lane Bridge. The replacement project will begin in 2021.

Mr. Tadych advised receiving a call from a resident regarding the Queenswood Bridge project. The resident is upset about the wing walls being far higher than he thought they should be, and Mr. Tadych referred the complaint to Director of Public Service Liskovec.

**RECREATION & PARKS IMPROVEMENT COMMITTEE- Winzig**

**Recommendation for Award of Contract for Reese Park Tennis/Pickle Ball Courts Renovation.**

Mr. Winzig referred to the memorandum dated July 2, 2019 from Curtis J. Krakowski, CSI, CDT, Infrastructure Manager to Jon Liskovec, Director of Public Service and Properties stating that a total of four bids were received on June 27, 2019 ranging from a high of $130,650.00 to a low of $97,258.00. Based on review, the “Lowest Responsive and Responsible Bidder” was Carron Asphalt Paving, Inc., which was below the project estimate of $120,000.00. Carron Asphalt Paving, Inc. has performed numerous projects around Northeast Ohio, including the recent parking lot pavement work for Saint Raphael Church in Bay Village. They will be using Industrial Surface Sealer, Inc. as their sub-contractor to install the playing surface and the tennis and Pickleball equipment. They also have experience in Northeast Ohio installing playing surfaces, including both Bradley Park and Cahoon Park Tennis Courts. After checking
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references, Mr. Krakowski recommends award of contract to Carron Asphalt Paving, Inc. for $97,258.00, which includes a $10,000 contingency. Work will begin within two to three weeks with completion date of September 30, 2019, weather permitting. Mayor Koomar stated that four north/south Pickleball courts will be installed, while maintaining one of the tennis courts.

Mr. Tadych asked if the surface of the tennis courts will be redone, and Mr. Liskovec assured him that this would be done as part of the project. There will be a fence between the two courts and between the north and south Pickleball courts with netting and posts included.

Mr. Tadych stated that former Councilman Wayne Reese, son of former Mayor Henry Reese, called him to thank the City for the improvements at Reese Park.

SERVICES, UTILITIES & EQUIPMENT COMMITTEE—DeGeorge

Ms. DeGeorge had no report this evening.

MISCELLANEOUS

Mayor Koomar stated that there will be a better sense of the timing for the Rose Hill Museum Slope Stabilization Project at the beginning of August. Also, flood plain legislation will be required for FEMA, which will be presented at a Special Meeting of Council in early August.

Mayor Koomar noted that State Capital Funds have been received through the work of State Representative Dave Greenspan, for improving restrooms in Cahoon Memorial Park, the last section for park restrooms in the City to be renovated. With the amount of participants in soccer and Lacrosse, it was imperative to give these washrooms attention. Mr. Greenspan also obtained funding for fireboat storage at the Boat Club. Mr. Greenspan is very interested in the City starting to spend this money and actively move these projects along prior to the next round of State Capital Funding at the end of December.

Mayor Koomar displayed drawings provided by Sixmo Architects for concession/storage improvements at the Cahoon Memorial Park soccer fields. The Partners Environmental project to determine what is underground enables the City to construct in the proper area with Environmental Protection Agency approval. Mayor Koomar pointed out in the display the existing building. Part of the agreement with State Capital was that this is an addition to the existing building, and not a new building. Partners Environmental recommended pushing the construction east and south relative to any restrooms that were going to go in and any digging. The goal is to make the addition architecturally pleasing, and the Mayor has spoken with Councilman Winzig as Chairman of the Parks and Recreation Committee, and Councilwoman Stainbrook as Chairperson of the Public Improvements Committee for feedback for style. Since the building is wood sided, the idea is to follow the lead of the library and the community house and blend the exterior in along those lines.

Mr. Liskovec used the display to point out the pavilion on the west end of the building. The proposal would be to enclose the pavilion structure and create the entries for access, and provide a must needed storage and staging facility for Service Department operations. The existing
structure leads people in from the west. The access will be reoriented to have one centralized point. The new section will include the concession area and a new storage area, with containment of the existing sheds. The biggest improvement to the entire area will be the restrooms themselves. Currently there is a total for both men and women of four facilities. The new configuration gives men and women four on each side, plus a family restroom, increasing by a total of five.

Mayor Koomar noted that five restrooms will probably be above budget, but there are savings from other projects that will help manage. Recreation Director Enovitch has been consulted from the recreation standpoint. Mr. Winzig and the Mayor talked at one point about the possibility of a separate facility at the end of the soccer parking lot, which may still be an option later, but in terms of pricing it would be expensive and it is unknown about getting water service out to it for the cleaning of equipment. The addition shown would accommodate all that and give them substantial storage. The Soccer Club will be a participant in funding in the amount of $25,000.

Mr. Liskovec noted that the existing pavilion is approximately 300 square feet. The space is tripled and has coverage. Officials can be under the area and still have visibility but be protected from the weather.

Mr. Tadych asked if there is an estimate on the price.

Mayor Koomar stated that the estimate is not yet available. The original estimate was $230,000.

Mr. Tadych asked if the concession stand will have only one counter. Mr. Liskovec stated that one counter would be the intent, and that is how it functions now. Mayor Koomar stated that some of the clubs use the counter on Saturday mornings, it should be plenty of room and will be under cover. Also, the storage buildings will provide more of a windbreak than there is now.

Mayor Koomar noted that they are also working on storage for the fireboat at the Boat Club.

AUDIENCE

Virginia Nord, new resident of Lake Road, stated that she has a continuing concern about dumping of yard waste on the banks of Lake Erie, which is her front yard. Ms. Nord stated that she is very near to Columbia Park, at 25140 Lake Road, and her home is a William Trout design cabin which needs much repair, more than what she anticipated. The main concern is the dumping of yard waste and that would include grass clippings being drawn from the property next door to her, 25170 Lake Road. They have been doing that for twenty or thirty years. The property is cared for by a caretaker and the owners do not live there. Because of the grass clippings, yard waste, branches, and trees dumped on the bank, it promotes erosion. It doesn’t grow roots. Rooted grass helps the erosion problem on the bank which has been told to her by the Ohio Department of Natural Resources. Ms. Nord stated that she would like to have an ordinance for the City that absolutely would prohibit dumping anywhere on the banks of Lake Erie especially in Bay Village and anywhere else she could recommend that pattern be established.
Ms. Nord continued, stating that she lives here and loves Lake Erie. Try to live without water. Rather than promoting the erosion by dumping waste on the banks, if we can have an ordinance made that grasses would be permitted to be planted or encouraged to grow would help. Ms. Nord stated that she has noticed lately the landscape people who take care of the properties on the bank of the lake here in Bay Village, some of them do refuse to dump their yard waste on the banks of the lake. Ms. Nord stated that she talked to one person, the custodian at Bay Presbyterian Church, who said that even though the residents would ask him to dump in their back yard on the lake, he refused to do so. Owners of property who live right on the bank of Lake Erie need to be so concerned about what goes on there. She has seen that abused on the property she bought where the caretaker next door said for twenty to twenty-five years he has allowed his landscape people to continue to dump yard waste which means grass clippings. This is a property that is almost two acres of grass. They mow during the summer twice a month. Ms. Nord submitted photographs to the Mayor of what is being done next door to her. She noted that it is environmentally wrong and she very much is petitioning for an ordinance for this city to put an end to that practice.

Ms. Nord stated that she appreciates the opportunity to be heard, and introduced her son, Eric, who accompanied her to the meeting.

Mayor Koomar stated that Building Director Eric Tuck-Macalla has returned from vacation and will investigate further, including what laws are on the books now, and what is occurring in other cities along the lakeshore.

Ms. Nord stated that would be a move forward, especially for Bay Village with five miles of shoreline in Cuyahoga County. Her property is one of those. It is small, but it is a beginning, and she is here.

Mr. Winzig asked Mr. Barbour if he is aware of anything in the City of Bay Village ordinances concerning dumping of material, whether it be at the lake or anywhere else. Mr. Barbour stated that there have been discussions with Ms. Nord’s neighbor about some things they have done that we are trying to get them to correct.

Ms. Nord stated that another matter is the situation with the surface water on the property she owns. It has historically grafted pipe into the 25170 property and when she bought this property in the winter, on March 9, the whole house was totally water logged. The yard was water logged, the driveway was water logged. It has been that way for years and she found the reason. The pipe that was supposed to drain the water out into Lake Erie, the pipe to go out to the bank, there was no pipe on her property. She found it over on the next property and it was plugged. The drains are totally plugged. So what happens is the ground becomes saturated, freezes in the winter, and then thaws, and it can’t get out, so it stays. Then we get slumping on the bank. It is important to have all those drains for people who have drains on the bank in this City to be open, working and flowing. Otherwise, the earth just continues every year to recede and recede. That is another reason we can’t help Lake Erie erode the bank. We need to help us to keep the bank. The ODNR has been out to her property and spent time speaking with her about it and it is very
important to address those two problems, drainage and dumping on the bank. Bay Village is about the bank. It is our water source.

Mr. Clark stated that Ms. Nord brings up good points and there certainly will be follow up.

**Dennis Driscoll, resident**, stated that unfortunately he was unable to be at the vote last meeting when Council voted on the fencing. He hopes to talk to his Councilman about his vote, but has not yet had the chance to do so. Mr. Driscoll stated he understands Council is planning to remove the fence ordinance from the matters pending tonight, and he would ask Council to reconsider whether we might want to make sure arrangements on the rear yard fencing, if not the side yard fencing. He would ask Council to consider what is being recommending to be applied to the rear yard, at least making some adjustment for residents to give them some flexibility. He would ask that the rear yard be allowed to be five feet as proposed, with the four feet enclosed as it is now. Just to raise one feet on the rear yard, and 75% open.

Mr. Clark stated that there was a pretty resounding vote last week, 4-3 against the measure. He would open it up to reconsider at some point in time down the road. It is still a very contentious subject and took a lot of time and effort to go through the steps. Mr. Clark’s goal would be to be efficient in reducing the backlog of items on matters pending, but he would open it up to Council members.

Mr. Driscoll stated along with that there is an issue in the animal ordinances and the fencing. Specifically, under the animal ordinance if you have a nuisance dog you are allowed to have a six foot fence, self-closing. If somebody really wanted to, they could have their neighbor claim they have a nuisance dog and put up a six foot fence.

Mr. Barbour stated that is an adjudication, a determination made under Section 505 by the Police Chief as to the status of the dog. You can’t declare your neighbor’s dog a nuisance or vicious dog. There has to be a process. It is specific to that ordinance and is permissible under those kinds of circumstances. Mr. Driscoll stated that it needs to be clarified where the fence can be in the yard. There is no limitation that talks about that now.

Mayor Koomar stated there was agreement that there needs to be clarification relative to the privacy screening. This will be looked at and hopefully brought back in August.

There being no further discussion, the meeting adjourned at 7:11 p.m.

______________________________  ________________________
Dwight A. Clark, President of Council   Joan Kemper, Clerk of Council
July 11, 2019

Ms. Joan T. Kemper  
Clerk of Council  
Bay Village City Hall  
350 Dover Center Road  
Bay Village, Ohio 44140

Dear Ms. Kemper,

This letter is a request for a resolution from the City of Bay Village as required by the Ohio Department of Natural Resources (ODNR) and the Army Corps of Engineers for a shore structure. Please forward the enclosed application to the appropriate personnel. We are requesting a formal written resolution from the City regarding the approval of shore structure for the Christopher & Amber Donovan residence located at 26504 Lake Road, Bay Village, Ohio 44140, as enclosed, on the submerged lands of Lake Erie adjacent to the property; PP# 203-15-006, with Submerged Lands Lease number SUB-2503-CU.

One of the necessary components for obtaining a lease from the State of Ohio is an ordinance or resolution from the local authority stating that the area of submerged lands in question is not needed by the local authority for future improvements (i.e. breakwaters, harbors, marinas, piers, etc.) and that the land uses in my application comply with regulation of permissible land use of the local authority. Per ODNR’s preference, please do not describe the proposed structures in detail. Instead, refer to the project as “the proposed shore structure,” so that it will be more easily accepted by ODNR.

Please consider and act on my request for this resolution or ordinance at: 26504 Lake Road, Bay Village, Ohio 44140.

Please let us know if you need anything further.
Thank you,

James Schilens
LAKE ERIE WATER ELEVATION = 574.29

OBSERVED ON MAY 6, 2019
(N.O.A.A. METERED READING 574.2 ON 5/6/19 12:00 PM)
CITY OF BAY VILLAGE
AGENDA REQUEST
JULY 30, 2019

OVERVIEW

1. Action Requested
Appropriation of additional funds totaling $88,715 from fund 495 to install slope stabilization improvements adjacent to Rosehill Museum

2. Previous Action
Original project design was bid out and received one bid at the time of opening which was more that 10% over the engineer’s probable estimate of cost.

3. Background/Justification for Current Action
Previous bid results were $491,985 for the improvement as originally designed, which was $336,474 over the original engineer’s estimate. At that point, the project was not awarded and further investigation and development was needed to provide a more reasonable solution to the slope issue. Upon review of all findings, it was determined that only large scale contractors possess the necessary equipment for the design of which the majority were either uninterested or unavailable to bid. Plans have been redeveloped to factor in the before mentioned finding which resulted in reducing the diameter of the pier which in turn required increasing the total number of piers to accomplish necessary slope stabilization.

4. Financial Impact
Appropriation of $88,715 from fund 495

5. Implementation Plan
Advertise for project bids upon council’s approval

6. High-Level Timeline/Schedule
Anticipated award of contract at the early September meeting with work to be completed by December 31, 2019 provided there is successful bidding.
August 1, 2019

City of Bay Village
350 Dover Center Road
Bay Village, Ohio 44140

Attention: Ms. Kathryn E. Kerber
Administrative Project Leader

Re: Rose Hill Museum – Drilled Piers Cost Estimate

Dear Ms. Kerber:

I've attached an estimate of the construction costs related to the Rose Hill Museum project. The total cost, $297,665, includes work performed by an outside contractor to be engaged through the City of Bay Village bid process and worked performed by the City’s Service Department.

Please do not hesitate to contact me if you have any questions or need further information.

Respectfully submitted,
Chagrin Valley Engineering, Ltd.

[Signature]

Donald Bierut, PE
City of Bay Village Consulting Engineer

Enclosure
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- **Subtotal**: $193,704
- **15% OH & P**: $28,321
- **Subtotal**: $222,024
- **Contingency @ 10%**: $22,202
- **Total**: $244,226

**Summary**

- Outside Contractor: $244,226
- Service Department: $53,439
- Total Project Cost: $297,665
Phase I Slope Project Original
To:       Council
Date:     August 1, 2019
Re:       Codified Ordinance Chapter 1306 Flood Damage Prevention

FEMA and the Ohio Department of Natural Resources are requiring cities to adopt updated floodplain management measures that satisfy 44C.F.R.Sect. 60.3(d) and (e) of the National Flood Insurance Program prior to August 15, 2019. The ODNR has issued Model Floodplain Regulations to assist with compliance. The proposed changes are included in the council packets in a redline version for reference along with the proposed version for adoption.

Failure to adopt the changes will cause a loss of National Flood Insurance Program eligibility.

Mark Barbour
Law Director, City of Bay Village

MEB:jt
CHAPTER 1306 – FLOOD DAMAGE PREVENTION

1306.01 - General provisions.
(a) Statutory authorization. Article XVIII, Section 3, of the Ohio Constitution grants municipalities the legal authority to adopt land use and control measures for promoting the health, safety, and general welfare of its citizens. Therefore, the City Council of Bay Village, State of Ohio, does ordain as follows:
(b) Findings of fact. The City of Bay Village has special flood hazard areas that are subject to periodic inundation which may result in loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base. Additionally, structures that are inadequately elevated, floodproofed, or otherwise protected from flood damage also contribute to the flood loss. In order to minimize the threat of such damages and to achieve the purposes hereinafter set forth, these regulations are adopted.
(c) Statement of purpose. It is the purpose of these regulations to promote the public health, safety and general welfare, and to:
   (1) Protect human life and health;
   (2) Minimize expenditure of public money for costly flood control projects;
   (3) Minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public;
   (4) Minimize prolonged business interruptions;
   (5) Minimize damage to public facilities and utilities such as water and gas mains, electric, telephone and sewer lines, streets and bridges located in areas of special flood hazard;
   (6) Help maintain a stable tax base by providing for the proper use and development of areas of special flood hazard so as to protect property and minimize future flood blight areas;
   (7) Ensure that those who occupy the areas of special flood hazard assume responsibility for their actions;
   (8) Minimize the impact of development on adjacent properties within and near flood prone areas;
   (9) Ensure that the flood storage and conveyance functions of the floodplain are maintained;
   (10) Minimize the impact of development on the natural, beneficial values of the floodplain;
   (11) Prevent floodplain uses that are either hazardous or environmentally incompatible; and
   (12) Meet community participation requirements of the National Flood Insurance Program.
(d) Methods of reducing flood loss. In order to accomplish its purposes, these regulations include methods and provisions for:
   (1) Restricting or prohibiting uses which are dangerous to health, safety, and property due to water hazards, or which result in damaging increases in flood heights or velocities;
   (2) Requiring that uses vulnerable to floods, including facilities, which serve such uses, be protected against flood damage at the time of initial construction;
(3) Controlling the alteration of natural floodplains, stream channels, and natural protective barriers, which help accommodate or channel flood waters;
(4) Controlling filling, grading, dredging, excavating, and other development which may increase flood damage; and,
(5) Preventing or regulating the construction of flood barriers, which will unnaturally divert flood, waters or which may increase flood hazards in other areas.

(e) Lands to which these regulations apply. These regulations shall apply to all areas of special flood hazard within the jurisdiction of the City of Bay Village as identified in Section 1306.01(f), including any additional areas of special flood hazard annexed by City of Bay Village.

(f) Basis for establishing the areas of special flood hazard. For the purposes of these regulations, the following studies and/or maps are adopted:

(1) Flood Insurance Study Cuyahoga County, Ohio and Incorporated Areas and Flood Insurance Rate Map Cuyahoga County, Ohio and Incorporated Areas both effective December 3, 2010 and August 15, 2019.

(2) Other studies and/or maps, which may be relied upon for establishment of the flood protection elevation, delineation of the 100-year floodplain, floodways or delineation of other areas of special flood hazard.

(3) Any hydrologic and hydraulic engineering analysis authored by a registered Professional Engineer in the State of Ohio which has been approved by the City of Bay Village as required by Section 1306.04(c) Subdivisions and Large Developments.

Any revisions to the aforementioned maps and/or studies are hereby adopted by reference and declared to be a part of these regulations. Such maps and/or studies are on file at the City Hall at 350 Dover Center Road, Bay Village, Ohio.

(g) Abrogation and greater restrictions. These regulations are not intended to repeal any existing ordinances including subdivision regulations, zoning or building codes. In the event of a conflict between these regulations and any other ordinance, the more restrictive shall be followed. These regulations shall not impair any deed restriction, covenant or easement but the land subject to such interests shall also be governed by the regulations. These regulations are not intended to repeal, abrogate or impair any existing easements, covenants or deed restrictions. However, where this ordinance and another ordinance, easement, covenant or deed restriction conflict or overlap, whichever imposes the more stringent restrictions shall prevail.

(h) Interpretation. In the interpretation and application of these regulations, all provisions shall be:

(1) Considered as minimum requirements;
(2) Liberally construed in favor of the governing body; and
(3) Deemed neither to limit nor repeal any other powers granted under state statutes.

Where a provision of these regulations may be in conflict with a state or Federal law, such state or Federal law shall take precedence over these regulations.

(i) Warning and disclaimer of liability. The degree of flood protection required by these regulations is considered reasonable for regulatory purposes and is based on scientific and engineering considerations. Larger floods can and will occur on rare occasions. Flood heights may be increased by man-made or natural causes. These regulations do not imply that land outside the areas of special flood hazard or uses permitted within such areas will be free from flooding or flood damage. These regulations shall not create liability on the part of the City of Bay Village, any officer or employee thereof, or the Federal Emergency Management Agency,
for any flood damage that results from reliance on these regulations or any administrative
decision lawfully made thereunder.

(j) Severability. Should any section or provision of these regulations be declared by the courts to
be unconstitutional or invalid, such decision shall not affect the validity of the regulations as a
whole, or any part thereof other than the part so declared to be unconstitutional or invalid.
(Ord. 10-118. Passed 11-22-10.)

1306.02 - Definitions.
Unless specifically defined below, words or phrases used in these regulations shall be interpreted
so as to give them the meaning they have in common usage and to give these regulations the
most reasonable application.

(a) Accessory structure is a structure on the same lot with, and of a nature customarily incidental
and subordinate to, the principal structure.

(b) Appeal is a request for review of the floodplain administrator's interpretation of any provision
of these regulations or a request for a variance.

(c) Base flood means flood having a one percent chance of being equaled or exceeded in any
given year. The base flood may also be referred to as the one percent chance annual flood or
100-year flood.

(d) Base (100-year) flood elevation (BFE) means the water surface elevation of the base flood in
relation to a specified datum, usually the National Geodetic Vertical Datum of 1929 or the North
American Vertical Datum of 1988, and usually expressed in Feet Mean Sea Level (MSL). In
Zone AO areas, the base flood elevation is the lowest adjacent natural grade elevation plus the
depth number (from one to three feet).

(e) Basement means any area of the building having its floor subgrade (below ground level) on
all sides.

(f) Breakaway wall is a wall that is not part of the structural support of the building and is
intended through its design and construction to collapse under specific lateral loading
forces, without causing damage to the elevated portion of the building or supporting
foundation system.

(g) Coastal high hazard area is an area of special flood hazard extending from offshore to
the inland limit of a primary frontal dune along an open coast, and any other area subject
to high velocity wave action from storms or seismic sources. A coastal high hazard area is
identified on a community's FIRM by the designation of zone VE.

(h) Development means any manmade change to improved or unimproved real estate,
including but not limited to buildings or other structures, mining, dredging, filling, grading,
paving, excavation or drilling operations or storage of equipment or materials.

(i) Enclosure below the lowest floor. See "Lowest Floor."

(j) Executive Order 11988 (Floodplain Management). Issued by President Carter in 1977, this
order requires that no federally assisted activities be conducted in or have the potential to affect
identified special flood hazard areas, unless there is no practicable alternative.

(k) Federal Emergency Management Agency (FEMA) is the agency with the overall
responsibility for administering the National Flood Insurance Program.

(l) Fill means a deposit of earth material placed by artificial means.

(m) Flood or flooding means a general and temporary condition of partial or complete
inundation of normally dry land areas from:

(1) The overflow of inland or tidal waters; and/or
(2) The unusual and rapid accumulation or runoff of surface waters from any source.

(a) Flood hazard boundary map (FHBM) is usually the initial map, produced by the Federal Emergency Management Agency, or U.S. Department of Housing and Urban Development, for a community depicting approximate special flood hazard areas.

(b) Flood insurance rate map (FIRM) is an official map on which the Federal Emergency Management Agency or the U.S. Department of Housing and Urban Development has delineated the areas of special flood hazard.

(c) Flood insurance risk zones means zone designations on FHBM and FIRMs that indicate the magnitude of the flood hazard in specific areas of a community. Following are the zone definitions:

1. Zone A means special flood hazard areas inundated by the 100-year flood in any given year; base flood elevations are not determined.
2. Zones A1-30 and Zone AE means special flood hazard areas inundated by the 100-year flood in any given year; base flood elevations are determined.
3. Zone AO means special flood hazard areas inundated by the 100-year flood in any given year; with flood depths of one to three feet (usually sheet flow on sloping terrain); average depths are determined.
4. Zone AH means special flood hazard areas inundated by the 100-year flood in any given year; flood depths of one to three feet (usually areas of ponding); base flood elevations are determined.
5. Zone A99 means special flood hazard areas inundated by the 100-year flood to be protected from the 100-year flood by a Federal flood protection system under construction; no base flood elevations are determined.
6. Zone B and Zone X (shaded) means areas of 500-year flood; areas subject to the 100-year flood with average depths of less than one foot or with contributing drainage area less than one square mile; and areas protected by levees from the base flood.
7. Zone C and Zone X (unshaded) means areas determined to be outside the 500-year floodplain.
8. Zone V means coastal special flood hazard area subject to a 100-year flood from velocity hazard (wave action); base flood elevations are not determined.
9. Zone VE and V1-30 means coastal special flood hazard area subject to a 100-year flood from velocity hazard (wave action); base flood elevations are determined.

(d) Flood insurance study (FIS) means the official report in which the Federal Emergency Management Agency or the U.S. Department of Housing and Urban Development has provided flood profiles, floodway boundaries (sometimes shown on Flood Boundary and Floodway Maps), and the water surface elevations of the base flood.

(e) Floodprooﬁng means any combination of structural and non-structural additions, changes, or adjustments to structures which reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures and their contents.

(f) Flood protection elevation means the Flood Protection Elevation, or FPE, is the base flood elevation. In areas where no base flood elevations exist from any authoritative source, the flood protection elevation can be historical flood elevations, or base flood elevations determined and/or approved by the floodplain administrator.

(g) Floodway.

1. A floodway is the channel of a river or other watercourse and the adjacent land areas that have been reserved in order to pass the base flood discharge. A floodway is typically determined...
through a hydraulic and hydrologic engineering analysis such that the cumulative increase in the water surface elevation of the base flood discharge is no more than a designated height. In no case shall the designated height be more than one foot at any point within the community.

(2) The floodway is an extremely hazardous area, and is usually characterized by any of the following: Moderate to high velocity flood waters, high potential for debris and projectile impacts, and moderate to high erosion forces.

(u) Freeboard means a factor of safety usually expressed in feet above a flood level for the purposes of floodplain management. Freeboard tends to compensate for the many unknown factors that could contribute to flood heights greater than the height calculated for a selected size flood and floodway conditions, such as wave action, obstructed bridge openings, debris and ice jams, and the hydrologic effect of urbanization in a watershed.

(v) Historic structure means any structure that is:

1. Listed individually in the National Register of Historic Places (a listing maintained by the U.S. Department of Interior) or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listings on the National Register;

2. Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined by the Secretary to qualify as a registered historic district; or

3. Individually listed on the State of Ohio's inventory of historic places maintained by the Ohio Historic Preservation Office.

(x) Hydrologic and hydraulic engineering analysis means an analysis performed by a professional engineer, registered in the State of Ohio, in accordance with standard engineering practices as accepted by FEMA, used to determine flood elevations and/or floodway boundaries.

(x) Letter of map change (LOMC) means a Letter of Map Change is an official FEMA determination, by letter, to amend or revise effective Flood Insurance Rate Maps, Flood Boundary and Floodway Maps, and Flood Insurance Studies. LOMCs are broken down into the following categories:

1. Letter of Map Amendment (LOMA) means a revision based on technical data showing that a property was incorrectly included in a designated special flood hazard area. A LOMA amends the current effective Flood Insurance Rate Map and establishes that a specific property is not located in a special flood hazard area.

2. Letter of map revision (LOMR) means a revision based on technical data that, usually due to manmade changes, shows changes to flood zones, flood elevations, floodplain and floodway delineations, and planimetric features. One common type of LOMR, a LOMR-F, is a determination concerning whether a structure or parcel has been elevated by fill above the base flood elevation and is, therefore, excluded from the special flood hazard area.

3. Conditional letter of map revision (CLOMR) means a formal review and comment by FEMA as to whether a proposed project complies with the minimum National Flood Insurance Program floodplain management criteria. A CLOMR does not amend or revise effective Flood Insurance Rate Maps, Flood Boundary and Floodway Maps, or Flood Insurance Studies. A comment by FEMA regarding a proposed project that would, upon construction, affect the hydrologic or hydraulic characteristics of a flooding source and thus result in the modification of the existing regulatory floodway, the effective base flood elevations, or the special flood hazard area. A CLOMR does not amend or revise effective Flood Insurance Rate Maps, Flood Boundary and Floodway Maps, or Flood Insurance Studies.
(y) **Lowest floor** means the lowest floor of the lowest enclosed area (including basement) of a structure. This definition excludes an "enclosure below the lowest floor" which is an unfinished or flood resistant enclosure usable solely for parking of vehicles, building access or storage, in an area other than a basement area, provided that such enclosure is built in accordance with the applicable design requirements specified in these regulations for enclosures below the lowest floor.

(z) **Manufactured home** means a structure, transportable in one or more sections, which is built on a permanent chassis and is designed for use with or without a permanent foundation when connected to the required utilities. The term "manufactured home" does not include a "recreational vehicle." For the purposes of these regulations, a manufactured home includes manufactured homes and mobile homes as defined in Chapter 3733 of the Ohio Revised Code.

(aa) **Manufactured home park.** As specified in the Ohio Administrative Code 3701-27-01 4781-12-01(K), a manufactured home park means any tract of land upon which three or more manufactured homes used for habitation are parked, either free of charge or for revenue purposes, and includes any roadway, building, structure, vehicle, or enclosure used or intended for use as part of the facilities of the park. A tract of land that is subdivided and the individual lots are not for rent or rented, but are for sale or sold for the purpose of installation of manufactured homes on the lots, is not a manufactured home park, even though three or more manufactured homes are parked thereon, if the roadways are dedicated to the local government authority. **Manufactured home park does not include any tract of land used solely for the storage or display for sale of manufactured homes.**

(bb) Mean sea level is for purposes of the National Flood Insurance Program, the National Geodetic Vertical Datum (NGVD) of 1929 or other datum, to which base flood elevations shown on a community's Flood Insurance Rate Map are referenced.

(cc) **National Flood Insurance Program (NFIP).** The NFIP is a Federal program enabling property owners in participating communities to purchase insurance protection against losses from flooding. This insurance is designed to provide an insurance alternative to disaster assistance to meet the escalating costs of repairing damage to buildings and their contents caused by floods. Participation in the NFIP is based on an agreement between local communities and the Federal government that states if a community will adopt and enforce floodplain management regulations to reduce future flood risks to all development in special flood hazard areas, the Federal government will make flood insurance available within the community as a financial protection against flood loss.

(dd) **New construction** means structures for which the "start of construction" commenced on or after the initial effective date of a floodplain regulation adopted by the City of Bay Village Flood Insurance Rate Map, December 1, 1977, and includes any subsequent improvements to such structures.

For the purposes of determining insurance rates, structures for which the “start of construction" commenced on or after the effective date of an initial FIRM date of December 1, 1977 or after December 31, 1974, whichever is later, and includes any subsequent improvements to such structures.

(ee) **Person** includes any individual or group of individuals, corporation, partnership, association, or any other entity, including state and local governments and agencies. An agency is further defined in the Ohio Revised Code Section 111.15(a)(2) as any governmental entity of the state and includes, but is not limited to, any board, department, division, commission, bureau, society, council, institution, state college or university, community college district, technical
college district, or state community college. "Agency" does not include the general assembly, the
controlling board, the adjutant general’s department, or any court.

(bb) Recreational vehicle means a vehicle which is (1) built on a single chassis, (2) 400
square feet or less when measured at the largest horizontal projection, (3) designed to be self-
propelled or permanently towable by a light duty truck, and (4) designed primarily not for use as
a permanent dwelling but as temporary living quarters for recreational, camping, travel, or
seasonal use.

(gg) Registered professional architect means a person registered to engage in the practice of
architecture under the provisions of Sections 4703.01 to 4703.19 of the Ohio Revised Code.

(hh) Registered professional engineer means a person registered as a professional engineer
under Chapter 4733 of the Ohio Revised Code.

(ii) Registered professional surveyor means a person registered as a professional surveyor
under Chapter 4733 of the Ohio Revised Code.

(jj) Special flood hazard area. Also known as "Areas of Special Flood Hazard," it is the land
in the floodplain subject to a one percent or greater chance of flooding in any given year. Special
flood hazard areas are designated by the Federal Emergency Management Agency on Flood
Insurance Rate Maps, Flood Insurance Studies, Flood Boundary and Floodway Maps and Flood
areas may also refer to areas that are flood prone and designated from other federal, state or local
sources of data including but not limited to historical flood information reflecting high water
marks, previous flood inundation areas, and flood prone soils associated with a watercourse.

(kk) Start of construction means the date the building permit was issued, provided the actual
start of construction, repair, reconstruction, rehabilitation, addition, placement, or other
improvement was within 180 days of the permit date. The actual start means either the first
placement of permanent construction of a structure on a site, such as the pouring of slab or
footings, the installation of piles, the construction of columns, or any work beyond the stage of
evacuation; or the placement of a manufactured home on a foundation. Permanent construction
does not include land preparation, such as clearing, grading, and filling; nor does it include the
installation of streets and/or walkways; nor does it include excavation for a basement, footings,
piers, or foundations or the erection of temporary forms; nor does it include the installation on
the property of accessory buildings, such as garages or sheds not occupied as dwelling units or
not part of the main structure. For a substantial improvement, the actual start of construction
means the first alteration of any wall, ceiling, floor, or other structural part of a building, whether
or not that alteration affects the external dimensions of a building.

(ll) Structure means a walled and roofed building, manufactured home, or gas or liquid
storage tank that is principally above ground.

(mm) Substantial damage means damage of any origin sustained by a structure whereby the
cost of restoring the structure to its before damaged condition would equal or exceed 50 percent
of the market value of the structure before the damage occurred.

(nn) Substantial improvement means any reconstruction, rehabilitation, addition, or other
improvement of a structure, the cost of which equals or exceeds 50 percent of the market value
of the structure before the "start of construction" of the improvement. This term includes
structures, which have incurred "substantial damage," regardless of the actual repair work
performed. The term does not, however, include:

(1) Any improvement to a structure that is considered "new construction";
(2) Any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications which have been identified prior to the application for a development permit by the local code enforcement official and which are the minimum necessary to assure safe living conditions; or

(3) Any alteration of a "historic structure," provided that the alteration would not preclude the structure's continued designation as a "historic structure."

(oo) **Variance** means a grant of relief from the standards of these regulations consistent with the variance conditions herein.

(pp) **Violation** means the failure of a structure or other development to be fully compliant with these regulations.

(mm) **Zone A** means areas designated on the Flood Insurance Rate Map (FIRM) with no base flood elevation determined.

(Ord. 10-118. Passed 11-22-10.)

**1306.03- Administration.**

(a) **Designation of the floodplain administrator.** The Building Director is hereby appointed to administer and implement these regulations and is referred to herein as the Floodplain Administrator.

(b) **Duties and responsibilities of the floodplain administrator.** The duties and responsibilities of the Floodplain Administrator shall include but are not limited to:

(1) Evaluate applications for permits to develop in special flood hazard areas.

(2) Interpret floodplain boundaries and provide flood hazard and flood protection elevation information.

(3) Issue permits to develop in special flood hazard areas when the provisions of these regulations have been met, or refuse to issue the same in the event of noncompliance.

(4) Inspect buildings and lands to determine whether any violations of these regulations have been committed.

(5) Make and permanently keep all records for public inspection necessary for the administration of these regulations including Flood Insurance Rate Maps, Letters of Map Amendment and Revision, records of issuance and denial of permits to develop in special flood hazard areas, determinations of whether development is in or out of special flood hazard areas for the purpose of issuing floodplain development permits, elevation certificates, **floodproofing certificates**, **VE-zone construction certifications**, variances, and records of enforcement actions taken for violations of these regulations.

(6) Enforce the provisions of these regulations.

(7) Provide information, testimony, or other evidence as needed during variance hearings.

(8) Coordinate map maintenance activities and FEMA follow-up.

(9) Conduct substantial damage determinations to determine whether existing structures, damaged from any source and in special flood hazard areas identified by FEMA, must meet the development standards of these regulations.

(c) **Floodplain development permits.** It shall be unlawful for any person to begin construction or other development activity including but not limited to filling; grading; construction; alteration, remodeling, or expanding any structure; or alteration of any watercourse wholly within, partially within or in contact with any identified special flood hazard area, as established in **Section 1306.01(f)**, until a floodplain development permit is obtained from the Floodplain Administrator. Such floodplain development permit shall show that the proposed development activity is in
conformity with the provisions of these regulations. No such permit shall be issued by the Floodplain Administrator until the requirements of these regulations have been met.

(d) Application required. An application for a floodplain development permit shall be required for all development activities located wholly within, partially within, or in contact with an identified special flood hazard area. Such application shall be made by the owner of the property or his/her authorized agent, herein referred to as the applicant, prior to the actual commencement of such construction on a form furnished for that purpose. Where it is unclear whether a development site is in a special flood hazard area, the Floodplain Administrator may require an application for a floodplain development permit to determine the development's location. Such applications shall include, but not be limited to:

1. Site plans drawn to scale showing the nature, location, dimensions, and topography of the area in question; the location of existing or proposed structures, fill, storage of materials, drainage facilities, and the location of the foregoing.
2. Elevation of the existing, natural ground where structures are proposed.
3. Elevation of the lowest floor, including basement, of all proposed structures.
4. Such other material and information as may be requested by the Floodplain Administrator to determine conformance with, and provide enforcement of these regulations.
5. Technical analyses conducted by the appropriate design professional registered in the State of Ohio and submitted with an application for a floodplain development permit when applicable:
   A. Floodproofing certification for non-residential floodproofed structure as required in Section 1306.04(e).
   B. Certification that fully enclosed areas below the lowest floor of a structure not meeting the design requirements of Section 1306.04(d)(5) are designed to automatically equalize hydrostatic flood forces.
   C. Description of any watercourse alteration or relocation that the flood carrying capacity of the watercourse will not be diminished, and maintenance assurances as required in Section 1306.04(i)(3).
   D. A hydrologic and hydraulic analysis demonstrating that the cumulative effect of proposed development, when combined with all other existing and anticipated development will not increase the water surface elevation of the base flood by more than one foot in special flood hazard areas where the Federal Emergency Management Agency has provided base flood elevations but no floodway as required by Section 1306.04(i)(2).
   E. A hydrologic and hydraulic engineering analysis showing impact of any development on flood heights in an identified floodway as required by Section 1306.04(i)(1).
   F. Generation of base flood elevation(s) for subdivision and large-scale developments as required by Section 1306.04(c).
   G. Certification of structural design and methods of construction for VE zone construction as required by Section 1306.04(j)(1).
   H. Certification of breakaway wall design, when applicable, as provided in Section 1306.04(j)(2).

6. To obtain a floodplain development permit, the applicant shall file the completed application with the Floodplain Administrator with a fee of $75.00 before issuance of a permit will be considered.

(e) Review and approval of a floodplain development permit application.
(1) After receipt of a complete application, the Floodplain Administrator shall review the application to ensure that the standards of these regulations have been met. No floodplain development permit application shall be reviewed until all information required in subsection (d) hereof has been received by the Floodplain Administrator.

(2) The Floodplain Administrator shall review all floodplain development permit applications to assure that all necessary permits have been received from those federal, state or local governmental agencies from which prior approval is required. The applicant shall be responsible for obtaining such permits as required including permits issued by the U.S. Army Corps of Engineers under Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act, and the Ohio Environmental Protection Agency under Section 401 of the Clean Water Act.

(3) Within 30 days after the receipt of a complete application, the Floodplain Administrator shall either approve or disapprove the application. If an application is approved, a floodplain development permit shall be issued. All floodplain development permits shall be conditional upon the commencement of work within one year. A floodplain development permit shall expire one year after issuance unless the permitted activity has been substantially begun and is thereafter pursued to completion. If the Floodplain Administrator is satisfied that the development proposed in the floodplain development application conforms to the requirements of this ordinance, the Floodplain Administrator shall issue the permit. All floodplain development permits shall be conditional upon the commencement of work within 180 days. A floodplain development permit shall expire 180 days after issuance unless the permitted activity has been substantially begun and is thereafter pursued to completion.

(f) **Inspections** means the Floodplain Administrator shall make periodic inspections at appropriate times throughout the period of construction in order to monitor compliance with permit conditions.

(g) **Post-construction certifications required.** The following as-built certifications are required after a floodplain development permit has been issued:

1. For new or substantially improved residential structures, or nonresidential structures that have been elevated, the applicant shall have a Federal Emergency Management Agency Elevation Certificate completed by a registered professional surveyor to record as-built elevation data. For elevated structures in Zone A and Zone AO areas without a base flood elevation, the elevation certificate may be completed by the property owner or owner's representative.

2. For all development activities subject to the standards of [Section 1306.03](#) (j)(1), a Letter of Map Revision.

3. For new or substantially improved nonresidential structures that have been floodproofed in lieu of elevation, where allowed, the applicant shall supply a completed Floodproofing Certificate for Non-Residential Structures completed by a registered professional engineer or architect together with associated documentation.

(h) **Revoking a floodplain development permit.** A floodplain development permit shall be revocable, if among other things, the actual development activity does not conform to the terms of the application and permit granted thereon. In the event of the revocation of a permit, an appeal may be taken to the Appeals Board in accordance with [Section 1306.05](#).

(i) **Exemption from filing a development permit.**
(1) An application for a floodplain development permit shall not be required for:
   A. Maintenance work such as roofing, painting, and basement sealing, or for small nonstructural development activities (except for filling and grading) valued at less than $5,000.00.

(j) State and Federal Development
   (1) Development that is funded, financed, undertaken, or preempted by state agencies shall comply with minimum NFIP criteria.
   (2) Before awarding funding or financing or granting a license, permit, or other authorization for a development that is or is to be located within a 100-year floodplain, a state agency shall require the applicant to demonstrate to the satisfaction of the agency that the development will comply with minimum NFIP criteria and any applicable local floodplain management resolution or ordinance as required by Ohio Revised Code Section 1521.13. This includes, but is not limited to:
      A. Development activities in an existing or proposed manufactured home park that are under the authority of the Ohio Department of Health and subject to the flood damage reduction provisions of the Ohio Administrative Code Section 3701.4781-12.
      B. Major utility facilities permitted by the Ohio Power Siting Board under Chapter 4906 of the Ohio Revised Code.
      C. Hazardous waste disposal facilities permitted by the Hazardous Waste Siting Board under Chapter 3734 of the Ohio Revised Code.
   (3) Development activities undertaken by a federal agency and which are subject to Federal Executive Order 11988—Floodplain Management.
      A. Each federal agency has a responsibility to evaluate the potential effects of any actions it may take in a floodplain; to ensure that its planning programs and budget request reflect consideration of flood hazards and floodplain management; and to prescribe procedures to implement the policies and requirements of EO 11988.
      (2) Any proposed action exempt from filing for a floodplain development permit is also exempt from the standards of these regulations.

(k) Map maintenance activities. To meet National Flood Insurance Program minimum requirements to have flood data reviewed and approved by FEMA, and to ensure that City of Bay Village flood maps, studies and other data identified in Section 1306.01(h) accurately represent flooding conditions so appropriate floodplain management criteria are based on current data, the following map maintenance activities are identified:
   (1) Requirement to submit new technical data. For all development proposals that impact floodway delineations or base flood elevations, the community shall ensure that technical data reflecting such changes be submitted to FEMA within six months of the date such information becomes available. These development proposals include:
      A. Floodway encroachments that increase or decrease base flood elevations or alter floodway boundaries;
      B. Fill sites to be used for the placement of proposed structures where the applicant desires to remove the site from the special flood hazard area;
      C. Alteration of watercourses that result in a relocation or elimination of the special flood hazard area, including the placement of culverts; and
D. Subdivision or large scale development proposals requiring the establishment of base flood elevations in accordance with Section 1306.04(c).

2) It is the responsibility of the applicant to have technical data, required in accordance with Section 1306.03(j)(k)(1), prepared in a format required for a Conditional Letter of Map Revision or Letter of Map Revision, and submitted to FEMA. Submittal and processing fees for these map revisions shall be the responsibility of the applicant.

3) The Floodplain Administrator shall require a Conditional Letter of Map Revision prior to the issuance of a floodplain development permit for:
   A. Proposed floodway encroachments that increase the base flood elevation; and
   B. Proposed development which increases the base flood elevation by more than one foot in riverine areas where FEMA has provided base flood elevations but no floodway.

4) Floodplain development permits issued by the Floodplain Administrator shall be conditioned upon the applicant obtaining a Letter of Map Revision from FEMA for any development proposal subject to Section 1306.03(j)(k)(1).

5) Right to submit new technical data. The Floodplain Administrator may request changes to any of the information shown on an effective map that does not impact floodplain or floodway delineations or base flood elevations, such as labeling or planimetric details. Such a submission shall include appropriate supporting documentation made in writing by the Mayor of City of Bay Village, and may be submitted at any time.

6) Annexation/detachment. Upon occurrence, the Floodplain Administrator shall notify FEMA in writing whenever the boundaries of the City of Bay Village have been modified by annexation or the community has assumed authority over an area, or no longer has authority to adopt and enforce floodplain management regulations for a particular area. In order that the City of Bay Village Flood Insurance Rate Map accurately represent the City of Bay Village boundaries, include within such notification a copy of a map of the City of Bay Village suitable for reproduction, clearly showing the new corporate limits or the new area for which the City of Bay Village has assumed or relinquished floodplain management regulatory authority.

(k)(1) Data use and flood map interpretation. The following guidelines shall apply to the use and interpretation of maps and other data showing areas of special flood hazard:

1) In areas where FEMA has not identified special flood hazard areas, or in FEMA identified special flood hazard areas where base flood elevation and floodway data have not been identified, the Floodplain Administrator shall review and reasonably utilize any other flood hazard data available from a federal, state, or other source.

2) Base flood elevations and floodway boundaries produced on FEMA flood maps and studies shall take precedence over base flood elevations and floodway boundaries by any other source that reflect a reduced floodway width and/or lower base flood elevations. Other sources of data, showing increased base flood elevations and/or larger floodway areas than are shown on FEMA flood maps and studies, shall be reasonably used by the Floodplain Administrator.

3) When Preliminary Flood Insurance Rate Maps and/or Flood Insurance Study have been provided by FEMA:
   A. Upon the issuance of a Letter of Final Determination by the FEMA, the preliminary flood hazard data shall be used and replace all previously existing flood hazard data provided from FEMA for the purposes of administering these regulations.
B. Prior to the issuance of a Letter of Final Determination by FEMA, the use of preliminary flood hazard data shall only be required where no base flood elevations and/or floodway areas exist or where the preliminary base flood elevations or floodway area exceed the base flood elevations and/or floodway widths in existing flood hazard data provided from FEMA. Such preliminary data may be subject to change and/or appeal to FEMA.

(4)(3) The Floodplain Administrator shall make interpretations, where needed, as to the exact location of the flood boundaries and areas of special flood hazard. A person contesting the determination of the location of the boundary shall be given a reasonable opportunity to appeal the interpretation as provided in Section 1306.05, Appeals and Variances.

(5)(4) Where a map boundary showing an area of special flood hazard and field elevations disagree, the base flood elevations or flood protection elevations (as found on an elevation profile, floodway data table, established high water marks, etc.) shall prevail. Where an existing or proposed structure or other development is affected by multiple flood zones, by multiple base flood elevations, or both, the development activity must comply with the provisions of this ordinance applicable to the most restrictive flood zone and the highest base flood elevation affecting any part of the existing or proposed structure; or for other developments, affecting any part of the area of the development.

(m) Use of Preliminary Flood Insurance Rate Map and/or Flood Insurance Study Data

(1) Zone A:
   A. Within Zone A areas designated on an effective FIRM, data from the preliminary FIRM and/or FIS shall reasonably utilized as best available data.
   B. When all appeals have been resolved and a notice of final flood elevation determination has been provided in a Letter of Final Determination (LFD), BFE and floodway data from the preliminary FIRM and/or FIS shall be used for regulating development.

(2) Zones AE, A1-30, AH, AO, VE, and V1-30:
   A. BFE and floodway data from a preliminary FIS or FIRM restudy are not required to be used in lieu of BFE and floodway data contained in an existing effective FIS and FIRM. However,
      1. Where BFEs increase in a restudied area, communities have the responsibility to ensure that new or substantially improved structures are protected. Communities are encouraged to reasonably utilize preliminary FIS or FIRM data in instances where BFEs increase and floodways are revised to ensure that the health, safety, and property of their citizens are protected.
      2. Where BFEs decrease, preliminary FIS or FIRM data should not be used to regulate floodplain development until the LFD has been issued or until all appeals have been resolved.
   B. If a preliminary FIRM or FIS has designated floodways where none had previously existed, communities should reasonably utilize this data in lieu of applying the encroachment performance standard of Section 1306.04(i)(2) since the data in the draft or preliminary FIS represents the best data available.

(3) Zones B, C, and X:
A. Use of BFE and floodway data from a preliminary FIRM or FIS are not required for areas designated as Zone B, C, or X on the effective FIRM which are being revised to Zone AE, A1-30, AH, AO, VE, or V1-30. Communities are encouraged to reasonably utilize preliminary FIS or FIRM data to ensure that the health, safety, and property of their citizens are protected.

**(n)** Substantial damage determinations.

1. Damages to structures may result from a variety of causes including flood, tornado, wind, heavy snow, fire, etc. After such a damage event, the Floodplain Administrator shall:
   A. Determine whether damaged structures are located in special flood hazard areas;
   B. Conduct substantial damage determinations for damaged structures located in special flood hazard areas; and
   C. Make reasonable attempt to notify owners of substantially damaged structures of the need to obtain a floodplain development permit prior to repair, rehabilitation, or reconstruction. Require owners of substantially damaged structures to obtain a floodplain development permit prior to repair, rehabilitation, or reconstruction.

2. Additionally, the Floodplain Administrator may implement other measures to assist with the substantial damage determination and subsequent repair process. These measures include issuing press releases, public service announcements, and other public information materials related to the floodplain development permits and repair of damaged structures; coordinating with other federal, state, and local agencies to assist with substantial damage determinations; providing owners of damaged structures materials and other information related to the proper repair of damaged structures in special flood hazard areas; and assist owners of substantially damaged structures with Increased Cost of Compliance insurance claims.

(Ord. 10-118. Passed 11-22-10.)

1306.04 - Use and development standards for flood hazard reduction.

The following use and development standards apply to development wholly within, partially within, or in contact with any special flood hazard area as established in Section 1306.01(f) or 1306.03(l)(l):

(a) Use regulations.

1. **Permitted uses.** All uses not otherwise prohibited in this section or any other applicable land use regulation adopted by City of Bay Village are allowed provided they meet the provisions of these regulations.

2. **Prohibited uses.**
   A. Private water supply systems in all special flood hazard areas identified by FEMA, permitted under Chapter 3701 of the Ohio Revised Code.
   B. Infectious waste treatment facilities in all special flood hazard areas, permitted under Chapter 3734 of the Ohio Revised Code.

(b) **Water and wastewater systems.** The following standards apply to all water supply, sanitary sewerage and waste disposal systems not otherwise regulated by the Ohio Revised Code systems in the absence of any more restrictive standard provided under the Ohio Revised Code or applicable state rules:
(1) All new and replacement water supply systems shall be designed to minimize or eliminate infiltration of floodwaters into the systems;
(2) New and replacement sanitary sewerage systems shall be designed to minimize or eliminate infiltration of floodwaters into the systems and discharge from the systems into floodwaters; and,
(3) On-site waste disposal systems shall be located to avoid impairment to or contamination from them during flooding.

(c) Subdivisions and large other new developments.
(1) All subdivision proposals and all other proposed new development shall be consistent with the need to minimize flood damage and are subject to all applicable standards in these regulations;
(2) All subdivision proposals and all other proposed new development shall have public utilities and facilities such as sewer, gas, electrical, and water systems located and constructed to minimize or eliminate flood damage;
(3) All subdivision proposals and all other proposed new development shall have adequate drainage provided to reduce exposure to flood damage; and
(4) In all areas of special flood hazard where base flood elevation data are not available, the applicant shall provide a hydrologic and hydraulic engineering analysis that generates base flood elevations for all subdivision proposals and other proposed developments containing at least 50 lots or five acres, whichever is less.
(5) The applicant shall meet the requirement to submit technical data to FEMA in Section 1306.03(j)(k)(1)D. when a hydrologic and hydraulic analysis is completed that generates base flood elevations as required by 1306.04(c).

(d) Residential structures.
The requirements of Section 1306.04(d) apply to new construction of residential structures and to substantial improvements of residential structures in zones A, A1-30, AE, AO, and AH, when designated on the community’s effective FIRM, and when designated on a preliminary or final FIRM issued by FEMA under the circumstances provided in Section 1306.03(m).

(1) New construction and substantial improvements shall be anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy. Where a structure, including its foundation members, is elevated on fill to or above the base flood elevation, the requirements for anchoring 1306.04(d)(1) and construction materials resistant to flood damage 1306.04(d)(2) are satisfied.
(2) New construction and substantial improvements shall be constructed with methods and materials resistant to flood damage.
(3) New construction and substantial improvements shall be constructed with electrical, heating, ventilation, plumbing and air conditioning equipment and other service facilities that are designed and/or elevated so as to prevent water from entering or accumulating within the components during conditions of flooding.
(4) New construction and substantial improvement of any residential structure, including manufactured homes, shall have the lowest floor, including basement, elevated to or above the flood protection elevation. Where no flood protection elevation data are available (Zone A designated areas), the structure shall have the lowest floor, including
basement, elevated at least two feet above the highest natural grade adjacent to the structure.

(5) New construction and substantial improvements, including manufactured homes, that do not have basements and that are elevated to the flood protection elevation using pilings, columns, posts, or solid foundation perimeter walls with openings sufficient to allow unimpeded movement of floodwaters, may have an enclosure below the lowest floor provided the enclosure meets the following standards:
   A. Be used only for the parking of vehicles, building access, or storage; and
   B. Be designed and certified by a registered professional engineer or architect to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of floodwaters; or
   C. Have a minimum of two openings on different walls having a total net area not less than one square inch for every square foot of enclosed area, and the bottom of all such openings being no higher than one foot above grade. The openings may be equipped with screens, louvers, or other coverings or devices provided that they permit the automatic entry and exit of floodwaters.

(6) Manufactured homes shall be affixed to a permanent foundation and anchored to prevent flotation, collapse or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy. Methods of anchoring may include, but are not limited to, use of over-the-top or frame ties to ground anchors.

(7) Repair or rehabilitation of historic structures upon a determination that the proposed repair or rehabilitation will not preclude the structure's continued designation as a historic structure and is the minimum necessary to preserve the historic character and design of the structure, shall be exempt from the development standards of Section 1306.04(d).

(8) In AO Zones and AH Zones, new construction and substantial improvement shall have adequate drainage paths around structures on slopes to guide floodwaters around and away from the structure.

(e) Nonresidential structures.

The requirements of Section 1306.04(e) apply to new construction and to substantial improvements of nonresidential structures in zones A, A1-30, AE, AO, and AH, when designated on the community’s effective FIRM, and when designated on a preliminary or final FIRM issued by FEMA under the circumstances provided in Section 1306.03(m).

(1) New construction and substantial improvement of any commercial, industrial or other nonresidential structure shall meet the requirements of Section 1306.04(d)(1-3), (5-8).

(2) New construction and substantial improvement of any commercial, industrial or other non-residential structure shall either have the lowest floor, including basement, elevated to or above the level of the flood protection elevation; or, together with attendant utility and sanitary facilities, shall meet all of the following standards:
   A. Be dry floodproofed so that the structure is watertight with walls substantially impermeable to the passage of water to the level of the flood protection elevation;
   B. Have structural components capable of resisting hydrostatic and hydrodynamic loads and effects of buoyancy; and
   C. Be certified by a registered professional engineer or architect, through the use of a Federal Emergency Management Agency Floodproofing Certificate, that the design and methods of construction are in accordance with Section 1306.04(e)(2)A. and B.
(3) Where no flood protection elevation data are available (Zone A designated areas), the structure shall have the lowest floor, including basement, elevated at least two feet above the highest natural grade adjacent to the structure.

(f) Accessory structures. Relief to the elevation or dry floodproofing standards may be granted for accessory structures containing no more than 600 square feet. Such structures must meet the following standards. Structures that are 600 square feet or less which are used for parking and storage only are exempt from elevation or dry floodproofing standards within zones A, A1-30, AE, AO, and AH designated on the community’s FIRM. Such structures must meet the following standards:

(1) They shall not be used for human habitation;
(2) They shall be constructed of flood resistant materials;
(3) They shall be constructed and placed on the lot to offer the minimum resistance to the flow of floodwaters;
(4) They shall be firmly anchored to prevent flotation;
(5) Service facilities such as electrical and heating equipment shall be elevated or floodproofed to or above the level of the flood protection elevation; and
(6) They shall meet the opening requirements of Section 1306.04(d)(5)C.

(g) Recreational vehicles. Recreational vehicles must meet at least one of the following standards:

(1) They shall not be located on sites in special flood hazard areas for more than 180 days;
(2) They must be fully licensed and ready for highway use; or
(3) They must meet all standards of Section 1306.04(d).

(h) Above ground gas or liquid storage tanks.

(1) All Within zone A, A1-A30, AE, AO, or AH, new or substantially improved above ground gas or liquid storage tanks shall be anchored to prevent flotation or lateral movement resulting from hydrodynamic and hydrostatic loads.

(2) In zones V or VE, new or substantially improved above ground gas or liquid storage tanks shall be elevated with the bottom of the lowest horizontal supporting member above BFE on the landward side of buildings.

(3) In zones V or VE, new or substantially improved underground gas or liquid storage tanks must be installed below the lowest eroded ground elevation.

(i) Assurance of flood carrying capacity. Pursuant to the purpose and methods of reducing flood damage stated in these regulations, the following additional standards are adopted to assure that the reduction of the flood carrying capacity of watercourses is minimized:

(1) Development in floodways.

A. In floodway areas, development shall cause no increase in flood levels during the occurrence of the base flood discharge. Prior to issuance of a floodplain development permit, the applicant must submit a hydrologic and hydraulic analysis, conducted by a registered professional engineer, demonstrating that the proposed development would not result in any increase in the base flood elevation; or

B. Development in floodway areas causing increases in the base flood elevation may be permitted provided all of the following are completed by the applicant:

1. Meet the requirements to submit technical data in Section 1306.03(j)(k)(1);
2. An evaluation of alternatives, which would not result in increased base flood elevations and an explanation why these alternatives are not feasible;
3. Certification that no structures are located in areas that would be impacted by the increased base flood elevation;
4. Documentation of individual legal notices to all impacted property owners within and outside the community, explaining the impact of the proposed action on their property; and
5. Concurrence of the Mayor of the City of Bay Village and the Chief Executive Officer of any other communities impacted by the proposed actions.

(2) Development in riverine areas with base flood elevations but no floodways.
   A. In riverine special flood hazard areas identified by FEMA where base flood elevation data are provided but no floodways have been designated, the cumulative effect of any proposed development, when combined with all other existing and anticipated development, shall not increase the base flood elevation more than one foot at any point. Prior to issuance of a floodplain development permit, the applicant must submit a hydrologic and hydraulic analysis, conducted by a registered professional engineer, demonstrating that this standard has been met; or
   B. Development in riverine special flood hazard areas identified by FEMA where base flood elevation data are provided but no floodways have been designated causing more than one foot increase in the base flood elevation may be permitted provided all of the following are completed by the applicant:
      1. An evaluation of alternatives which would result in an increase of one foot or less of the base flood elevation and an explanation why these alternatives are not feasible;
      2. Section 1306.04(i)(1)B.1., 3.-5.

(3) Alterations of a watercourse. For the purpose of these regulations, a watercourse is altered when any change occurs within its banks. The extent of the banks shall be established by a field determination of the "bankfull stage." The field determination of "bankfull stage" shall be based on methods presented in Chapter 7 of the USDA Forest Service General Technical Report RM-245, Stream Channel Reference Sites: An Illustrated Guide to Field Technique or other applicable publication available from a Federal, State, or other authoritative source. For all proposed developments that alter a watercourse, the following standards apply:
   A. The bankfull flood carrying capacity of the altered or relocated portion of the watercourse shall not be diminished. Prior to the issuance of a floodplain development permit, the applicant must submit a description of the extent to which any watercourse will be altered or relocated as a result of the proposed development, and certification by a registered professional engineer that the bankfull flood carrying capacity of the watercourse will not be diminished.
   B. Adjacent communities, the U.S. Army Corps of Engineers, and the Ohio Department of Natural Resources, Division of Water, must be notified prior to any alteration or relocation of a watercourse. Evidence of such notification must be submitted to the Federal Emergency Management Agency.
   C. The applicant shall be responsible for providing the necessary maintenance for the altered or relocated portion of said watercourse so that the flood carrying capacity will not be diminished. The Floodplain Administrator may require the permit holder to enter into an agreement with City of Bay Village specifying the maintenance
responsibilities. If an agreement is required, it shall be made a condition of the floodplain development permit.

D. The applicant shall meet the requirements to submit technical data in Section 1306.03(j)(k)(1)C., when an alteration of a watercourse results in the relocation or elimination of the special flood hazard area, including the placement of culverts.

(Ord. 10-118. Passed 11-22-10.)

(j) Development standards for coastal high hazard areas

The requirements of Section 1306.04(j) apply to development in coastal high hazard areas designated zone V or VE on the community’s effective FIRM [and when designated on a preliminary or final FIRM issued by FEMA under the circumstances provided in Section 1306.03(m)]. [The requirements of Section 1306.04(j) also apply to development in Moderate Wave Action areas, within zone AE between a Limit of Moderate Wave Action and the landward limit of zone V or VE designated on the community’s effective FIRM, or between a Limit of Moderate Wave Action and the offshore limit of the community’s jurisdiction where zone V or VE is not designated on the community’s effective FIRM.]

(1) All new construction and substantial improvements shall be elevated on pilings or columns that may be armored as necessary to withstand Lake Erie ice forces so that:

A. The bottom of the lowest horizontal structural member supporting the lowest floor (excluding the pilings or columns) is elevated to or above the flood protection elevation, and

B. The pile or column foundation and structure attached thereto is anchored to resist flotation, collapse and lateral movement due to the effects of wind and water loads acting simultaneously on all building components.

1. Water loading values shall be those associated with the base flood.

2. Wind loading values shall be those defined according to American Society of Civil Engineers 7-13 Minimum design loads and associated criteria for buildings and other structures, or current version adopted by Ohio Board of Building Standards.

3. A registered professional engineer or architect shall develop or review the structural design, specifications and plans for the construction, and shall certify that the design and methods of construction to be used are in accordance with accepted standards of practice for meeting the provisions of Section 1306.04(j)(1)A and B.

(2) All new construction and substantial improvements shall have the space below the lowest floor either free of obstruction or constructed with non-supporting breakaway walls, open wood lattice-work, or insect screening intended to collapse without causing collapse, displacement, or other structural damage to the elevated portion of the building or supporting foundation system.

A. For the purpose of Section 1306.04(j)(2), a breakaway wall shall have a design safe loading resistance of not less than 10 and no more than 20 pounds per square foot.

B. Use of breakaway walls which exceed a design safe loading resistance of 20 pounds per square foot (either by design or where so required by local or state codes) may be permitted only if a registered professional engineer or architect certifies that the designs proposed meet all of the following conditions:
1. Breakaway wall collapse shall result from a water load less than that which would occur during the base flood; and
2. The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (structural and non-structural). Water loading values shall be those associated with the base flood. Wind loading values shall be those defined according to American Society of Civil Engineers 7-16 Minimum design loads and associated criteria for buildings and other structures, or equivalent standard.

C. All space enclosed by breakaway walls, open wood lattice-work, or insect screening below the lowest floor shall be used solely for parking of vehicles, building access, or storage.

3) The use of fill or redistributed existing fill, placed after the initial identification of Zones V, VE or V1-30 on the community’s FIRM, for structural support of buildings is prohibited.

4) Alteration of sand dunes that will increase potential flood damage is prohibited.

5) Placement or substantial improvement of manufactured homes must comply with Section 1306.04(j)(1) through (5).

6) Recreational vehicles must either:
   A. Be on site for fewer than 180 consecutive days;
   B. Be fully licensed and ready for highway use; or
   C. Comply with Section 1306.04(j)(1) through (5).

1306.05 - Appeals and variances.
(a) Appeals board established.
   (1) The City of Bay Village Board of Zoning Appeals is hereby appointed to serve as the Appeals Board for these regulations as established by City Code.
   (2) Records of the Appeals Board shall be kept and filed in City Hall at 350 Dover Center Road, Bay Village, Ohio.

(b) Powers and duties.
   (1) The Appeals Board shall hear and decide appeals where it is alleged there is an error in any order, requirement, decision or determination made by the Floodplain Administrator in the administration or enforcement of these regulations.
   (2) Authorize variances in accordance with Section 1306.05(d) of these regulations.

(c) Appeals.
   (1) Any person affected by any notice and order, or other official action of the Floodplain Administrator may request and shall be granted a hearing on the matter before the Appeals Board provided that such person shall file, within 20 days of the date of such notice and order, or other official action, a brief statement of the grounds for such hearing or for the mitigation of any item appearing on any order of the Floodplain Administrator's decision. Such appeal shall be in writing, signed by the applicant, and be filed with the Floodplain Administrator. Upon receipt of the appeal, the Floodplain Administrator shall transmit said notice and all pertinent information on which the Floodplain Administrator's decision was made to the Appeals Board.
(2) Upon receipt of the notice of appeal, the Appeals Board shall fix a reasonable time for the appeal, give notice in writing to parties in interest, and decide the appeal within a reasonable time after it is submitted.

(d) **Variance.** Any person believing that the use and development standards of these regulations would result in unnecessary hardship may file an application for a variance. The Appeals Board shall have the power to authorize, in specific cases, such variances from the standards of these regulations, not inconsistent with Federal regulations, as will not be contrary to the public interest where, owning to special conditions of the lot or parcel, a literal enforcement of the provisions of these regulations would result in unnecessary hardship.

(1) **Application for a variance.**
A. Any owner or agent thereof, of property for which a variance is sought shall make an application for a variance by filing it with the Floodplain Administrator, who upon receipt of the variance shall transmit it to the Appeals Board.
B. Such application at a minimum shall contain the following information: Name, address, and telephone number of the applicant; legal description of the property; parcel map; description of the existing use; description of the proposed use; location of the floodplain; description of the variance sought; and reason for the variance request.
C. To obtain a floodplain variance, the applicant shall file the completed application with the Floodplain Administrator with a fee of $75.00 before issuance of a permit will be considered.

(2) **Public hearing.** At such hearing the applicant shall present such statements and evidence as the Appeals Board requires. In considering such variance applications, the Appeals Board shall consider and make findings of fact on all evaluations, all relevant factors, standards specified in other sections of these regulations and the following factors:
A. The danger that materials may be swept onto other lands to the injury of others.
B. The danger to life and property due to flooding or erosion damage.
C. The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner.
D. The importance of the services provided by the proposed facility to the community.
E. The availability of alternative locations for the proposed use that are not subject to flooding or erosion damage.
F. The necessity to the facility of a waterfront location, where applicable.
G. The compatibility of the proposed use with existing and anticipated development.
H. The relationship of the proposed use to the comprehensive plan and floodplain management program for that area.
I. The safety of access to the property in times of flood for ordinary and emergency vehicles.
J. The expected heights, velocity, duration, rate of rise, and sediment transport of the floodwaters and the effects of wave action, if applicable, expected at the site.
K. The costs of providing governmental services during and after flood conditions, including maintenance and repair of public utilities and facilities such as sewer, gas, electrical, and water systems, and streets and bridges.

(3) **Variances shall only be issued upon:**
A. A showing of good and sufficient cause.
B. A determination that failure to grant the variance would result in exceptional hardship due to the physical characteristics of the property. Increased cost or inconvenience of
meeting the requirements of these regulations does not constitute an exceptional hardship to the applicant.

C. A determination that the granting of a variance will not result in increased flood heights beyond that which is allowed in these regulations; additional threats to public safety; extraordinary public expense, nuisances, fraud on or victimization of the public, or conflict with existing local laws.

D. A determination that the structure or other development is protected by methods to minimize flood damages.

E. A determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.

Upon consideration of the above factors and the purposes of these regulations, the Appeals Board may attach such conditions to the granting of variances, as it deems necessary to further the purposes of these regulations.

(4) Other conditions for variances.

A. Variances shall not be issued within any designated floodway if any increase in flood levels during the base flood discharge would result.

B. Generally, variances may be issued for new construction and substantial improvements to be erected on a lot of one-half acre or less in size contiguous to and surrounded by lots with existing structures constructed below the base flood level, providing items in Section 1306.04(d)(2)A–K. have been fully considered. As the lot size increases beyond one-half acre, the technical justification required for issuing the variance increases.

C. Any applicant to whom a variance is granted shall be given written notice that the structure will be permitted to be built with a lowest floor elevation below the base flood elevation and the cost of flood insurance will be commensurate with the increased risk resulting from the reduced lowest floor elevation.

(e) Procedure at hearings.

(1) All testimony shall be given under oath.

(2) A complete record of the proceedings shall be kept, except confidential deliberations of the Board, but including all documents presented and a verbatim record of the testimony of all witnesses.

(3) The applicant shall proceed first to present evidence and testimony in support of the appeal or variance.

(4) The administrator may present evidence or testimony in opposition to the appeal or variance.

(5) All witnesses shall be subject to cross-examination by the adverse party or their counsel.

(6) Evidence that is not admitted may be proffered and shall become part of the record for appeal.

(7) The Board shall issue subpoenas upon written request for the attendance of witnesses. A reasonable deposit to cover the cost of issuance and service shall be collected in advance.

(8) The Board shall prepare conclusions of fact supporting its decision. The decision may be announced at the conclusion of the hearing and thereafter issued in writing or the decision may be issued in writing within a reasonable time after the hearing.

(f) Appeal to the court. Those aggrieved by the decision of the Appeals Board may appeal such decision to the Cuyahoga County Court of Common Pleas, as provided in Chapter 2506 of the Ohio Revised Code.
1306.06 - Enforcement.

(a) Compliance required.

(1) No structure or land shall hereafter be located, erected, constructed, reconstructed, repaired, extended, converted, enlarged or altered without full compliance with the terms of these regulations and all other applicable regulations which apply to uses within the jurisdiction of these regulations, unless specifically exempted from filing for a development permit as stated in Section 1306.03(i).

(2) Failure to obtain a floodplain development permit shall be a violation of these regulations and shall be punishable in accordance with Section 1306.06(c).

(3) Floodplain development permits issued on the basis of plans and applications approved by the Floodplain Administrator authorize only the use, and arrangement, set forth in such approved plans and applications or amendments thereto. Use, arrangement, or construction contrary to that authorized shall be deemed a violation of these regulations and punishable in accordance with Section 1306.06(c).

(b) Notice of violation. Whenever the Floodplain Administrator determines that there has been a violation of any provision of these regulations, he shall give notice of such violation to the person responsible therefore and order compliance with these regulations as hereinafter provided. Such notice and order shall:

(1) Be put in writing on an appropriate form;

(2) Include a list of violations, referring to the section or sections of these regulations that have been violated, and order remedial action, which, if taken, will effect compliance with the provisions of these regulations;

(3) Specify a reasonable time for performance;

(4) Advise the owner, operator, or occupant of the right to appeal;

(5) Be served on the owner, occupant, or agent in person. However, this notice and order shall be deemed to be properly served upon the owner, occupant, or agent if a copy thereof is sent by registered or certified mail to the person's last known mailing address, residence, or place of business, and/or a copy is posted in a conspicuous place in or on the dwelling affected.

(c) Violations and penalties. Violation of the provisions of these regulations or failure to comply with any of its requirements shall be deemed to be a strict liability offense, and shall constitute a third degree misdemeanor. Any person who violates these regulations or fails to comply with any of its requirements shall upon conviction thereof be fined or imprisoned as provided by the laws of the City of Bay Village. Each day such violation continues shall be considered a separate offense. Nothing herein contained shall prevent the City of Bay Village from taking such other lawful action as is necessary to prevent or remedy any violation. The City of Bay Village shall prosecute any violation of these regulations in accordance with the penalties stated herein.

(Ord. 10-118. Passed 11-22-10.)
PRELIMINARY LEGISLATION

Consent

Rev. 6/26/00

Ordinance/Resolution # : ________

PID No. : 109334

County/Route/Section : ________________

The following is a/an _____________________ enacted by the ________________________ of __________

(Ordinance/Resolution)                    (Local Public Agency)

County, Ohio, hereinafter referred to as the Local Public Agency (LPA).

SECTION I – Project Description

WHEREAS, the (LPA) has determined the need for the described project:

Bridge Inspection Program Services, including, but not limited to routine inspections, element level inspections, critical-findings reports, fracture critical member inspections, load rating calculations and reports, weight limits posting sign recommendations, scour assessments, scour plan of actions, development of fracture critical plans, and underwater dive inspection reports if needed.

NOW THEREFORE, be it ordained by the __________________ of _____________ County, Ohio.

(LPA)

SECTION II – Consent Statement

Being in the public interest, the LPA gives consent to the Director of Transportation to complete the above described project.

SECTION III – Cooperation Statement

The LPA shall cooperate with the Director of Transportation in the above described project as follows:

The State shall assume and bear 100% of all of the cost for Bridge Inspection Program Services requested by the City and agreed to by the State. Eligible Bridge Inspection Services are described in the Consultant’s Scope of Services Task Order Contract (Exhibit A).

The LPA agrees to pay 100% of the cost of those features which are not included in Exhibit A. Those features may include but not limited to the purchasing and erecting the recommended weight limits postings signs, the implementation of critical findings reports such as partial or total bridge closures, the implementation of the scour plan of actions. When recommendations affect public safety, ODOT expects full implementation by the LPA. Starting in October 2019, FHWA requires installing weight limits posting signs within 30 days from the official date of the approved recommendations. Timely implementation is essential to the success of this program.
SECTION IV – Utilities and Right-of-Way Statement

The LPA agrees that all right-of-way required for the described project will be made available in accordance with current State and Federal regulations.

SECTION V Authority to Sign

I, _____________________ of said ________________________ is hereby empowered on behalf of the _____________________________ to enter into contracts with the Director of Transportation which is necessary to complete the above described project.

Passed: ________________, 2______.

Attested: _______________________    ______________ _____________
          (Clerk)                          (Contractual Agent of LPA – title)
Attested: _______________________    ______________ _____________
          (Title)          (President of Council)

The ______________________ is hereby declared to be an emergency measure to expedite the highway project and to promote highway safety. Following appropriate legislative action, it shall take effect and be in force immediately upon its passage and approval, otherwise it shall take effect and be in force from and after the earliest period allowed by law.
CERTIFICATE OF COPY
STATE OF OHIO

_________________ of __________ County, Ohio

(LPA)

I, __________________________, as Clerk of the __________________________

(LPA)
of __________________________ County, Ohio, do hereby certify that the foregoing is a true and correct copy of

(Ordinance/Resolution)

_____________________________ adopted by the legislative Authority of the said

(LPA)

_________________________ on the _____________ day of ____________, 2_______________.

(Ordinance/Resolution)

That the publication of such ______________________ has been made and certified of record according to

(LPA)

Law; that no proceedings looking to a referendum upon such ______________________ have been taken;

(Ordinance/Resolution)

and that such _____________________ and certificate of publication thereof are of record in _________________,

(Record No.)

Page _______________.

(Ordinance/Resolution)

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official

(Clerk)

this _____________ day of __________________ 2__________

(City Seal)

_________________ of __________ County, Ohio

(LPA)

(If the LPA is designated as a City then the “City Seal” is required. If no Seal, then a letter stating “No Seal is required to accompany the
executed legislation.”)

The foregoing is accepted as a basis for proceeding with the project herein described.

For the __________________ of _________ County, Ohio.

(LPA)

Attested: _____________________ ______________________ Date ________________

(Contractual Agent)

For the State of Ohio

Attested: _____________________ ______________________ Date ________________

(Director, Ohio Department of Transportation)