



# HOWARD COUNTY PUBLIC WORKS BOARD

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James M. Irvin, Executive Secretary  
Rachel Roehrich, Recording Secretary

Cory J. Summerson, Chairperson  
Abby Glassberg, Vice Chairperson  
Pedro Ramirez, Member  
Brandon Robinson, Member  
Alan Whitworth, Member

## Minutes of the Howard County Public Works Board – Tuesday, April 9, 2019

**Members present:** Mr. Cory J. Summerson, Ms. Abby Glassberg, Mr. Alan Whitworth and Mr. Pedro Ramirez.

**Staff present:** Jim Irvin, Executive Secretary; Robert Barnett, Engineering Specialist II, Construction Inspection Division; Daniel Davis, Chief, Utility Design Division; Zack Knight, Engineering Specialist II, Utility Design Division; Carl Katenkamp, Administrative Analyst, Real Estate Services Division; and Rachel Roehrich, Recording Secretary, Real Estate Services Division

Mr. Summerson called the meeting to order at approximately 7:29 p.m.

1. **Approval of minutes:** Mr. Summerson indicated that the first item on the agenda is the approval of the minutes of **January 8, 2019**. Mr. Summerson asked if everyone had a chance to review the minutes.

**Motion:** On a motion made by **Ms. Glassberg** and seconded by **Mr. Ramirez**, the Board unanimously approved the minutes of **January 8, 2019**.

### 2. **Public Works Board Road Acceptance**

- (a) **Project:** Buch Road Extension, 10945 Price Manor Way  
**R/SW Agreement No.** SDP-15-071  
**Road Names:** Price Manor Way (cul-de-sac)  
**Petitioner:** Buch, LLLP

**Staff Presentation:** **Mr. Katenkamp**, Administrative Analyst, Real Estate Services Division, indicated that **Buch, LLLP**, a Maryland limited liability limited partnership, has presented a petition to the Director of Public Works for the acceptance of **Price Manor Way (cul-de-sac) shown on the Site Development Plan titled Buch Road Extension, 10945 Price Manor Way**. The Bureau of Engineering has inspected the Site Development Plan and certifies that all public improvements have been constructed in accordance with the approved plans and specifications and meets the criteria for acceptance under the Section 18.202 of the Howard County Code. The Bureau of Engineering recommends that the public improvements be accepted into the County's system of publicly owned and maintained facilities.

**Board Comments:** None.

**Public Testimony:** None.

**Motion:** On a motion made by **Mr. Ramirez**, and seconded by **Ms. Glassberg**, the Board unanimously recommended that the Director of Public Works accept the public improvements located in **Buch Road Extension, 10945 Price Manor Way**, into the County's system of publicly owned and maintained facilities.

### 3. Scenic Road Projects

#### (a) W8305 Landing Road Water Main Loop (second hearing)

**Staff Presentation:** Mr. Knight, Engineering Specialist II, Utility Design Division, indicated that this is the second of two public hearings required under Section 18.211 of the Howard County Code for construction affecting scenic roads. When a capital project affects a scenic road, Section 18.211 of the Howard County Code requires preliminary and final design meetings to receive comments on the design from interested individuals. Capital Project W8305 was brought before the Public Works Board and approved in January 2009, and the first scenic road hearing was held at the Public Works Board meeting on November 13, 2018. This project and associated construction will occur along Landing Road, which is listed in the Howard County Scenic Roads Inventory.

Capital Project W8305 was created to connect the existing water mains between Ilchester Road and Montgomery Road, and includes the design and construction of 4,300 linear feet of 12-inch water main along Landing Road. The project will complete a water main loop of the 550 North Pressure Zone, which will improve water system reliability and fire protection, as well as provide an emergency connection to the 630 East Pressure Zone.

An overview map of this project is included in this presentation as Exhibit 1. 12-inch diameter PVC piping will be installed by open trench method in all project locations. After water main installation, the roadway will be restored to its original grade, width and alignment, then repaved.

Water main installation will be within the right-of-way of the paved public roadway of Landing Road, except for the crossing of the approximately 2-foot wide stream on Howard County Department of Recreation and Parks property at the location indicated on Exhibit 1. The location of the stream crossing is across the road from 5667 Landing Road, as shown on Exhibit 2 of this presentation. The stream crossing is necessary because inadequate cover is provided by crossing over the shallow culvert conveying the stream under the road, and because going under the culvert would require the water main to be excessively deep and inaccessible for maintenance. Exhibit 2 displays the 25-foot wide permanent utility easement and 10-foot wide temporary construction easement necessary to install the water main across the stream. These easements have been obtained from the Howard County Department of Recreation and Parks. In addition, the stream crossing has been authorized by the Maryland Department of Environment and U.S. Army Corps of Engineers through the Joint Permit Application process. Exhibit 2 also indicates the location of where photos included with this presentation were taken. There were five photos included with the presentation packet. Photos 1 and 2 looking East towards the easement/stream area and Montgomery Road. Photos 3 and 4 looking West from the opposite side, and photo 5 from across 5667 Landing Road. During construction, existing trees and vegetation within the permanent utility easement will be removed, and existing trees and vegetation within the temporary construction easement areas will be removed as deemed necessary during construction. After construction, disturbed easement areas will be vegetatively stabilized with a grass seed mix.

The scenic road features of Landing Road will be preserved and protected to the maximum extent practical as part of this project. Impacts to the scenic view at the stream crossing will be restricted to what is necessary for the water main installation and the County's permanent utility easement for maintenance. Other impacts to the existing scenic view along Landing Road will be by the additional of seven (7) new fire hydrants along the new water main. Otherwise, the existing scenic view will remain the same post construction.

Per the requirement of Section 18.211 of the Howard County Code, interested individuals and residents were notified of tonight's meeting by advertisement in local newspapers for 2 consecutive weeks in advance of the meeting. Copies of the final water and sewer plans were made available for inspection at the Department of Public Works, Bureau of Engineering, and they are available for review here tonight. A copy of the advertisement, as well as a copy of the description of Landing Road from Howard County Scenic Road Inventory, is included in tonight's presentation package.

**Board Comments:** Ms. Glassberg asked Mr. Knight if the guardrail would be replaced and if so, what type it would be replaced with. Ms. Glassberg also asked if it would be the darker brown (rust patina) guardrails that have been installed on some scenic roads. Mr. Knight responded that the guardrail would be removed and replaced. It will be the same type of guardrail and will only be reset as necessary for ingress and egress during installation of the water main. He further explained they most likely will not have to remove and reset the entire length of the guardrail and confirmed the guardrail would be replaced with the same type of existing guardrail, which is galvanized steel. Mr. Ramirez asked if the water main would be going from the corner of Ilchester Road to Montgomery Road and Mr. Knight replied that the length of the water main was not quite to Ilchester. Previously, small water main pieces were built for the developments throughout the years, but the small piece from Royal Coachman Drive to Ellis Lane would be installed as part of the new water main loop. Mr. Whitworth asked what the clearing plan for the fire hydrants would be to keep the road scenic. He further asked if they would be clearing back 8 feet from the main into the shoulder of the road or if it would be a 10-foot spot with five feet on either side. Mr. Knight responded all but two of the hydrants will be placed in a grass median, in which there would be very minimal clearing. There are two locations where it is believed retaining walls may be necessary due to the standard of what acceptable slope is adjacent to the hydrant. At this time, the current survey of the area does not go into the level of detail needed to determine if retaining walls are needed. Mr. Whitworth asked if the trees that will be harvested will be replanted and Mr. Knight explained that there are no plans to replant any trees. Mr. Whitworth asked if there were any specimen trees that were being removed as well. Mr. Knight confirmed that an Environmental Consultant performed a tree survey and it was concluded there were no trees of regulatory significance.

**Public Testimony:** Mr. Norman Baran, a homeowner located at 4981 Landing Road, Elkridge, MD 21075, stated that he would be located closest to the north section of the project. He explained that he is not concerned about the fire hydrants as the development around him has been causing his well to fail and he needs the connection and service to the water main. Mr. Ramirez asked Mr. Baran to confirm if he was for or against this project, and Mr. Baran confirmed he is 100% for the project and he hopes it can be done soon.

After Mr. Baran's testimony, Mr. Summerson then asked Mr. Knight if he had stated when the start date would be. Mr. Knight stated that he did not say as it would be determined if the meeting was successful. If the meeting went successfully, Mr. Knight would move forward and hope to begin construction this year. Mr. Summerson asked if the construction would begin this summer or towards the end of the year. Mr. Knight determined the project would take 3-4 months and would like to begin sometime during July, with completion mid-fall including paving. Mr. Whitworth asked when service would be available. Mr. Knight explained that the water main would need to be completed, tested, and the County would need to then take ownership. He would estimate service to be late fall or by the end of the year once the project was finished. Mr. Summerson asked if those in need of service were already taking steps to connect, which Mr. Knight explained that they cannot proceed too far until the water main is complete at which time their plumber could then obtain a permit to connect. Mr. Irvin asked if the north phase could be installed first and be put into service which would split phase the project and may help accelerate service to some residents. Mr. Knight confirmed the phases would be put into service

separately and agreed the north phase could be sequenced first. Mr. Summerson asked if there would be any traffic concerns or if the road was wide enough. Mr. Knight confirmed the project will be within one lane of Landing Road for each piece of the water main, therefore there will be a lane closure during construction hours and flaggers to direct traffic. There should not be a need to disturb the other lane for paving purposes or full road shutdowns. There will be a need to install the water meters, which would require little cuts in the road but there should not be a need for edge to edge paving. Mr. Ramirez asked if there would be service installations to each property or as requested by the homeowners. Mr. Knight confirmed there would be service to each property. Mr. Ramirez also asked if there was a construction estimate. Mr. Knight explained the tentative estimate including contingency was around \$1.5 million, but that number is not concrete. Mr. Knight further explained DR-14 pipe is being used as it is higher pressure in this area. This project is good in terms of utilities, although the existing material is not very good as there is a lot of GAB and contingency in this project. Mr. Whitworth asked Mr. Knight to explain in further detail what the issues could be. Mr. Irvin stated, and Mr. Knight explained it is the soil that is not very good and the existing sub grade underneath the road needs a well-drained trench to dig and install a water main pipe. As the soil is currently a silty clay material, two-thirds of the material is assumed to be inadequate for the water main trench, therefore, material may need to be brought in.

**Motion:** On a motion made by Ms. Glassberg, and seconded by Mr. Whitworth, the Board unanimously recommended that the Director of Public Works approve Capital Project W8305, FY 2019 Landing Road Water Main Loop New Water Main Installation.

There being no further business, the Public Works Board meeting adjourned at approximately 7:52 p.m.



James M. Irvin  
Executive Secretary



Rachel Roehrich  
Recording Secretary