

FLOODPLAIN PERMIT COMMITTEE MEETING  
*201 West Gray, Building A, Conference Room D*

*Monday, July 17, 2017*  
*3:30 p.m.*

Minutes

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PRESENT: Susan Connors, Director of Planning/Community Development  
Scott Sturtz, City Engineer  
Ken Danner, Subdivision Development Manager  
Jane Hudson, Principle Planner  
Sherri Stansel, Citizen Member  
Neil Suneson, Citizen Member

OTHERS PRESENT: Carrie Evenson, Stormwater Engineer  
Todd McLellan, Development Engineer  
Amy Shepard, Staff  
Tim Miles, Capital Projects Engineer  
Tricia Hatley, Freese and Nichols  
David Haller, Phillips 66 Pipeline Company

The meeting was called to order by Scott Sturtz at 3:30 p.m.

**Item No. 1, Approval of Minutes:**

Six members of the committee were present, and a quorum was established. Shawn O'Leary was absent. Mr. Sturtz called for two (2) revisions to the June 19, 2017 minutes, a spelling correction and a formatting error in the miscellaneous discussion section of the minutes. Mr. Sturtz asked for any additional comments or questions from the committee. Mr. Sturtz called for a motion to approve the minutes from the meeting of June 19, 2017. A motion was made to approve the minutes with revisions by Susan Connors. Seconded by Neil Suneson. Approved 6-0.

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**Item No. 2, Floodplain Permit Application No. 588:**

Mr. Sturtz stated this application is for a bank stabilization project to remove and replace a portion of damaged articulated concrete block channel liner with a trapezoidal concrete liner and replace an existing drop structure with a concrete drop structure in Imhoff Creek. The applicant is the City of Norman Public Works Department. Mr. Sturtz identified Tim Miles as the project manager and Tricia Hatley with Freese and Nichols as the engineer. Carrie Evenson gave the Staff Report for this application. Ms. Evenson explained that in May 2015 a large storm washed out an approximate 250-ft section of channel lining in Imhoff Creek which caused significant damage and scouring. In June 2017, another 150-ft section was washed out. Ms. Evenson confirmed that the permit application is to make repairs to the damaged sections of Imhoff Creek. Ms. Evenson confirmed that the project bid opening has been completed and is scheduled for contract award on July 25, 2017. Ms. Evenson stated this project site is located in the floodway of Imhoff Creek. Ms. Evenson gave an overview of the areas affected and pictures of the current condition. Ms. Evenson confirmed the application meets all ordinance requirements. Ms. Evenson stated staff recommends approval of the application with the condition that the application be approved by City Council due to bank and channel modifications.

Mr. Sturtz asked if the project manager, Tim Miles, or engineer, Tricia Hatley, would like to make comments. Mr. Miles stated that the staff report covered all applicable information and that they were ready to get started to prevent further damage from occurring. Mr. Sturtz asked for questions or comments from the committee. Sherri Stansel inquired as to when the damaged liner was originally installed. Ms. Evenson indicated the liner had been in place for approximately 20 years. Mr. Suneson inquired if the area that has experienced erosion will be restabilized and asked if the new structure will be solid concrete. Mr. Miles confirmed the

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bank would be restabilized and the new structure will be a solid concrete liner. Mr. Suneson inquired about the area that will still have articulated concrete block as the liner; Mr. Miles indicated that a future project would need to be identified and funded to replace any additional damaged areas of articulated concrete block on Imhoff Creek. Mr. Miles confirmed the current project will repair the areas identified in the application and that the repairs will include the reconstruction of any stairways that were damaged. Mr. Sturtz asked for questions or comments from the public. Susan Byer inquired about the exact location of the project and expressed concern about the ongoing damage from tree growth. Mr. Miles confirmed the exact location of the project, its ongoing maintenance plan, and that some vegetation will be removed during the construction of the new concrete liner. Mark Hampton inquired about the access point for the project and requested additional maintenance in the channel upstream from the damaged area. Mr. Miles and Ms. Evenson confirmed that the City Stormwater Division will coordinate with the contractor to ensure that the area upstream of the project will have similar vegetative maintenance. Janet Romanishin expressed concern about such a large portion of the creek being solid concrete and the effect on wildlife. Mr. Miles explained the new liner will cover the same area that was previously covered by articulated blocks and that other options were considered but were not suitable for this project. Brent Harris inquired about the new drop structure. Ms. Hatley confirmed the drop structure will be very similar to the previous structure but constructed of solid concrete instead of articulated concrete block. There was additional discussion between attendees on the height of the drop structure and that it has changed multiple times over the last 30 years. Mr. Miles confirmed the height of the drop structure will be the same as the structure that existed in 2015. Bill Romanishin inquired about the portion of the creek behind his home, which includes the undamaged articulated concrete block liner that will not be replaced as part of the

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current project, and any plans for that location. Ms. Evenson stated that a lot of the debris that washed out has settled in the creek channel behind their home and will be removed as part of the current project. Brent Harris inquired about the possibility of water pooling or standing in the channel. Mr. Sturtz stated that the new structure is designed to keep the flow moving to the drop pool. Mr. Miles added that the drop pool allows the water to dissipate and will slow down the flow preventing further erosion while still maintaining drainage. Carol Harris commented that the previous design allowed for a large flat space that experienced vandalism. Mr. Suneson inquired if there is a design option that would discourage visitors to this area of the creek or a possible monitoring of some kind. Ms. Evenson stated that there isn't an ideal solution that would discourage vandals while still addressing the stream stabilization that needs to occur. Ms. Evenson confirmed that City stormwater maintenance staff have and will continue to respond to reports of vandalism and will work to remove or cover any affected areas. Mrs. Romanishin requested that future mowing and trimming maintenance in the creek be done in a way that encourages plant growth to assist with erosion issues. Mr. Sturtz agreed and confirmed that training and education are ongoing with maintenance crews. Brent Harris inquired about additional access points for the project. Mr. Miles confirmed that the current plan is to use the existing access point on Westbrooke Terrace, and any additional access points would be agreed upon between the contractor and the homeowner. Mrs. Romanishin inquired about the option of using less concrete for upcoming projects. Mr. Sturtz stated that future projects, for continuity purposes, would extend the proposed concrete lined structure. Mr. Sturtz indicated Mr. Miles as the project manager and his contact information was provided for future questions. Ms. Evenson offered her contact information as well for assistance with future inquiries. Mr. Sturtz asked if there were any questions or comments

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from the committee. Seeing none, Ken Danner made a motion to approve the application. Susan Connors seconded the motion. Approved 6-0.

**Item No. 3, Floodplain Permit Application No. 589:**

Mr. Sturtz stated this application is for the replacement of a segment of an existing crude oil pipeline, OK-01, located in the Canadian River Floodplain. The applicant and engineer is Phillips 66 Pipeline Company. Ms. Evenson gave the Staff Report for this application. Ms. Evenson stated that the pipeline is already in place and the application is to replace a portion of the pipe as preventative maintenance due to scouring from the Canadian River. Ms. Evenson confirmed the application meets all ordinance requirements. Ms. Evenson stated staff recommends approval of the application. Mr. Sturtz asked if there were any questions or comments from the applicant. David Haller, representative for the applicant, stated he had no additional comments. Mr. Sturtz asked if there were any questions or comments from the committee. Mr. Suneson inquired about the current state of the partially exposed pipe in the river bottom. Mr. Haller stated that the exposed areas have been covered by concrete matting and that due to internal policy changes, this pipeline segment was identified for replacement. The current pipe will remain to ensure the least disturbance to the environment and will be filled with lean concrete to ensure stability of the structure. Mr. Suneson inquired about the proposed depth of the replacement, which exceeds the requirement of the ordinance. Mr. Haller stated that the Phillips 66 Pipeline Company guidelines for dealing with a major river require a depth of 25 ft or more below the steam bed, which decreases the chances of the pipe becoming exposed. Mrs. Stansel inquired if the current concrete matting will remain in place. Mr. Haller confirmed that it would. Mr. Sturtz called for comments or questions from the public. Hearing none, Mr. Sturtz turned back to the committee for final comments or

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questions. Mr. Sturtz inquired about access roads for the project. Mr. Haller confirmed that Shadowcrest Court, with permission from Anthem group, would be used to gain access along with an established trail beyond that road. Mr. Haller confirmed that in portions of the unpaved access road, wooden timbers would need to be used to reinforce the driving surface. Mr. Sturtz inquired if any disturbed vegetation would be reestablished. Mr. Haller confirmed any disturbed areas will be returned to their original state. Mr. Suneson inquired about an area on the plans labeled "Frac Tank Staging". Mr. Haller explained the process to clear the existing pipe and that the Frac Tanks will store residual material. Mr. Suneson made a motion to approve the application. Mr. Danner seconded the motion. Approved 6-0.

**Item No. 4, Miscellaneous Discussion:**

- a) Mr. Sturtz stated there were no pending applications received for the August 7, 2017 meeting.
- b) Mr. Sturtz stated there were no pending applications for the August 21, 2017 meeting.

**Item No. 5, Adjournment:**

Mr. Sturtz called for a motion to adjourn. Mr. Danner motioned to adjourn and was seconded by Ms. Connors. Motion was approved 6-0.

Meeting adjourned at 4:19 p.m.

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