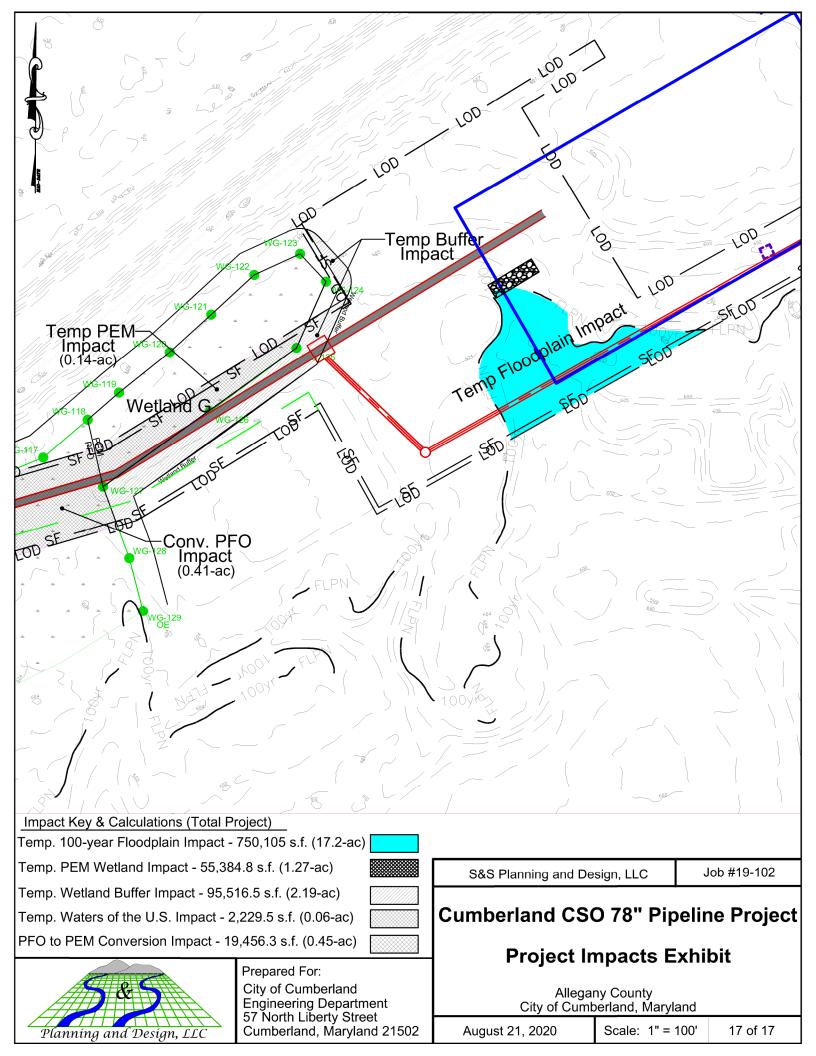


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Preliminary Wetland Mitigation Design (Work Plan)

The preliminary design concept combines wetland creation, enhancement, and conversion techniques in order to create a forested wetland that replaces acreage lost due to conversion impacts and has the potential to provide higher quality functions and values than the wetlands impacted.

The existing emergent wetland is approximately 0.41 acres in size. The first part of the design concept is to convert and enhance the existing emergent wetland to a forested wetland through tree and shrub plantings. The second part of the design is to expand the existing wetland boundary by approximately 30 feet on both sides of the wetland, thereby adding a total of approximately 0.61 acres to the existing wetland. This would be accomplished through minor grading, planting, and stabilization. Based on a visual evaluation of the areas adjacent to the existing wetland boundary, it appears that the average grading cut would be less than 12 inches. Biological benchmarks would be utilized when designing the proposed wetland grades, as well as surveyed topography and cross-sections. Figure 3 provides a visual depiction of the basic conceptual mitigation design.

