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Legion Field Road Stormwater Study City of Marshall April 23, 2019 Josh Stier, P.E.





Existing Conditions



Legion Field Road Stormwater Study

City of Marshall, MN

Figure 1: Drainage Area Map

March 2019



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Existing Conditions



Legion Field Road Stormwater Study

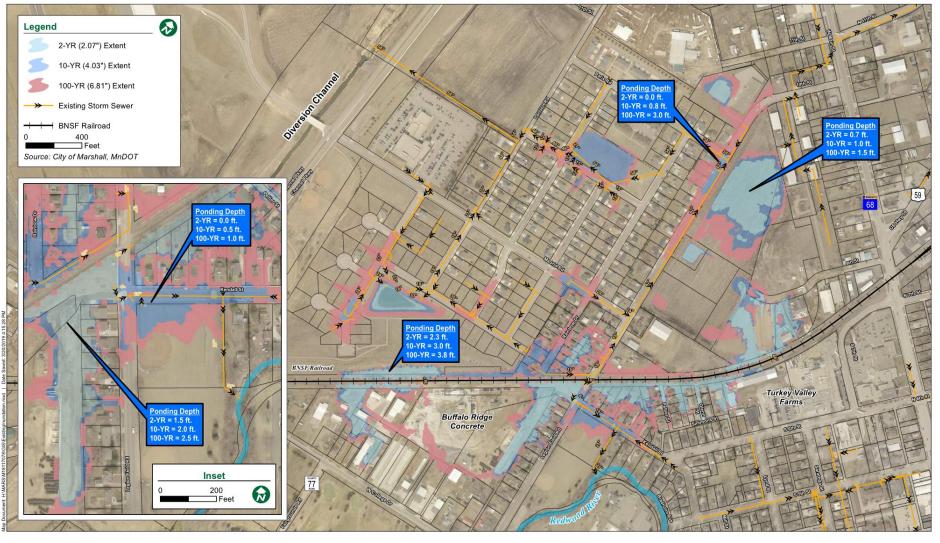
City of Marshall, MN

Figure 2: Existing Conditions Inundation Map



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Phase I Improvements

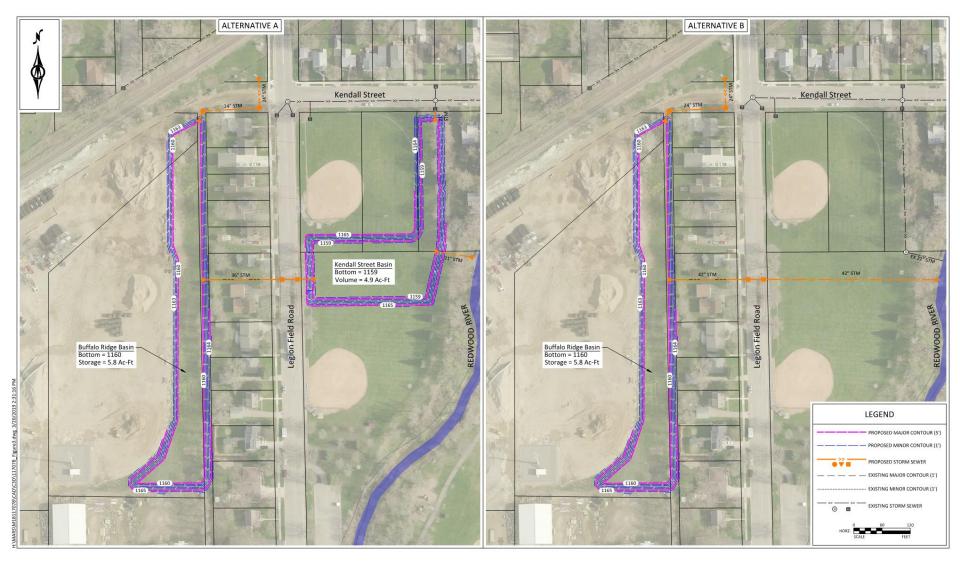
Legion Field Road Stormwater Study

City of Marshall, MN

Figure 3: Proposed Phase 1

March 2019





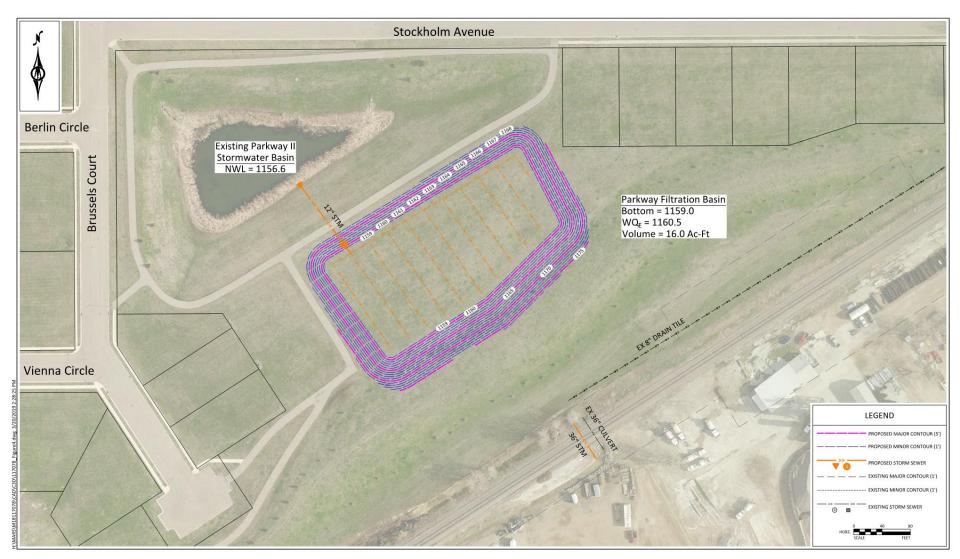
Phase II Improvements

Legion Field Road Stormwater Study

City of Marshall, MN

Figure 5: Proposed Phase 2 March 2019





Phase III



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Improvements

Figure 5: Proposed Phase 3 March 2019



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Estimated Cost

- Phase I: Buffalo Ridge Basin
 - = \$405,000
- Phase II: Parkway Filtration Basin
 - = \$460,000
- Phase III: Legion Field Basin
 - = \$584,000
- Total Cost = <u>\$1.45 Million</u>

*Costs do not include temporary and permanent easement



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Legion Field Road Stormwater Study Questions and Comments



