

Section Five: Environmental Commitments

List any environmental mitigation measures or commitments that will be incorporated into the project. Any items listed below must be incorporated into the project plans and contract documents. *Attach a copy of this page to the design study report (DSR) and the plans, specifications, and estimate (PS&E) submittal package.*

Environmental Factor	Commitment (If none, include 'No special or supplemental commitments required.')
General Economics	The designer will include special provisions into the contract document to assure access to local properties will be maintained during construction. The designer will assure that the Prosecution and Progress special provision includes the requirement that access to local properties and businesses shall be maintained at all times throughout construction. The WisDOT construction engineer will assure the contractors traffic control and construction staging maintains local access throughout construction.
Business	No special or supplemental commitments required.
Agriculture	No special or supplemental commitments required.
Community or Residential	The designer will include special provisions in the contract documents to assure the road will remain open during construction.
Indirect Effects	No special or supplemental commitments required.
Cumulative Effects	No special or supplemental commitments required.
Environmental Justice	No special or supplemental commitments required.
Historic Resources	No special or supplemental commitments required.
Archaeological/Burial Sites	No special or supplemental commitments required.
Tribal Coordination/Consultation	No special or supplemental commitments required.
Section 4(f) and 6(f) or Other Unique Areas	The swing set and bike rack that are impacted by the grading will be relocated to the main portion of the property that overlooks Lake Michigan maintaining the intended use of the area. The designer will include the relocations in the design plans for the project.
Aesthetics	No special or supplemental commitments required.
Wetlands	No special or supplemental commitments required.
Rivers, Streams and Floodplains	No special or supplemental commitments required.
Lakes or other Open Water	The designer will include erosion control measures in the contract documents that will be installed during construction to minimize direct impacts of work performed adjacent to Lake Michigan. The contractor will include similar requirements in his Erosion Control Implementation Plan to be approved by the WDNR prior to construction.
Groundwater, Wells and Springs	No special or supplemental commitments required.
Upland Wildlife and Habitat	No special or supplemental commitments required.
Coastal Zones	The designer will perform further coordination with USGG to discuss planned work within the waterway. The contractor may choose to do work from the land or the water, requirements for both options will be detailed in the special provisions.

Threatened and Endangered Species	The project will avoid impacting the nesting season as work is only planned to occur between August 31 and May 1 (non-nesting season). If work is required during the nesting season, measures to prevent nesting such as removing unoccupied nests during the nesting season and install barrier netting will be performed prior to May 1. If actively nesting birds are observed in the bluff face before or during construction the WisDOT project engineer will coordinate with the DNR and WisDOT REC to obtain a depredation permit.
Air Quality	No special or supplemental commitments required.
Construction Stage Sound Quality	The designer will include WisDOT Standard Specification 107.8(6) and 108.7.1(3) in the contract documents.
Traffic Noise	No special or supplemental commitments required.
Hazardous Substances or Contamination	Phase 2/2.5 efforts will not be required considering the location of the proposed work in relation to the site of concern and potential depth of contaminants. construction should proceed with this project while adhering to WisDOT Standard Specification 107.24.
Storm Water	The designer will include storm water control measures regulated under Trans 401 in the final roadway design plans.
Erosion Control	<p>Erosion control will be implemented in accordance with standard erosion control practices, TRANS 401, and the WisDOT/DNR Cooperative Agreement. All waste and demolition material from the project must be disposed of properly. The designer will prepare erosion control plans in accordance with standard erosion control practices, TRANS 401, and the WisDOT/DNR Cooperative Agreement. WisDOT project engineer will assure the contractor is following the approved Erosion Control Implementation Plan during construction.</p> <p>Specific concerns by the WDNR include:</p> <ul style="list-style-type: none"> • Removal of old infrastructure (pipe) and potential demolition of structures and in-water construction options need to be discussed in a face to face meeting. • All disturbed bank/bluff/shoreline areas should be adequately protected and/or stabilized each day or no more than 24 hours of any disturbance. • Runoff water should not be allowed to freely drain into the work zone near/around the bluff. • Subsurface groundwater flow may need to be intercepted during and after construction. • DNR is requesting timely site restoration/protection and/or partial stabilization for all phases (in stages, specified on the erosion control plans and detailed in special provisions) of the project. Special provisions will call out that any and all exposed soil or subgrade areas will be permanently restored or protected from erosion/wave action within a time period to be determined or finished/stabilized with proper methods/BMPs which may include special seed mix, specialized matting and/or hard armoring techniques. DNR has requested a face to face meeting to discuss options before design move too far ahead.
Other	