**STORMWATER EVALUATION** Wisconsin Department of Transportation

Factor Sheet D-5

|  |  |  |
| --- | --- | --- |
| Alternative      | Preferred[ ]  Yes [ ]  No [ ]  None Identified | Project ID:      |

1. **Indicate whether the proposed action may cause a discharge or will discharge to the waters of the state (Trans 401.03).**

1. **Special consideration should be given to areas that are sensitive to water quality degradation. Indicate whether or not a sensitive area is present and provide specific recommendations on the level of protection needed.**

[ ]  No water special natural resources are affected by the alternative.

[ ]  Yes – Water special natural resources exist in the project area.

 [ ]  River/stream

 [ ]  Wetland

 [ ]  Lake

 [ ]  Endangered species habitat

 [ ]  Other – Describe:

Describe protection recommendations:

1. **Indicate whether circumstances exist in the project vicinity that require additional or special consideration, such as an increase in peak flow, total suspended solids (TSS) or water volume.**

[ ]  No additional or special circumstances are present.

[ ]  Yes – Additional or special circumstances exist. Indicate all that are present.

 [ ]  Areas of groundwater discharge [ ]  Areas of groundwater recharge

 [ ]  Stream relocations [ ]  Overland flow/runoff

 [ ]  Long or steep cut or fill slopes [ ]  High velocity flows

 [ ]  Cold water stream [ ]  Impaired waterway

 [ ]  Large quantity flows [ ]  Exceptional/outstanding resource waters

 [ ]  Increased backwater [ ]  Total Maximum Daily Load (TMDL)

 [ ]  Other – Describe any unique, innovative, or atypical stormwater management measures to be used to

 manage additional or special circumstances:

1. **Describe the overall stormwater management strategy to minimize adverse and enhance beneficial effects.**

1. **Indicate how the stormwater management plan will be compatible with fulfilling Trans 401 requirements.**

1. **Identify the stormwater management measures to be utilized.**

 [ ]  Swale treatment (parallel to flow) [ ]  In-line storm sewer treatment, such as catch basins,

 Trans 401.106(10) non-mechanical treatment systems.

 [ ]  Vegetated filter strips [ ]  Detention/retention basins – Trans 401.106(6)(3)

 (perpendicular to flow) [ ]  Distancing outfalls from waterway edge

 [ ]  Constructed storm water wetlands [ ]  Infiltration – Trans 401.106(5)

 [ ]  Buffer areas – Trans 401.106(6) [ ]  Other – Describe:

1. **Indicate whether any Drainage District may be affected by the project.**

[ ]  No – None identified

[ ]  Yes

 Has initial coordination with a drainage board been completed?

 [ ]  No – Explain why:

 [ ]  Yes – Discuss results:

1. **Indicate whether the project is within WisDOT’s Phase I or Phase II stormwater management areas.**

Note: See Procedure 20-30-1, Figure 1, Attachment A4, the Cooperative Agreement between WisDOT and WisDNR. Contact Regional Stormwater/erosion Control Engineer if assistance in needed to complete the following:

[ ]  No – The project is outside of WisDOT’s stormwater management area.

[ ]  Yes – The project affects one of the following and is regulated by a WPDES stormwater discharge permit,

 issued by the WisDNR:

 [ ]  A WisDOT storm sewer system, located within a municipality with a population greater than 100,000.

 [ ]  A WisDOT storm sewer system located within the area of a notified owner of a municipal separate

 storm sewer system.

 [ ]  An urbanized area, as defined by the U.S. Census Bureau, NR216.02(3).

 [ ]  A municipal separate storm sewer system serving a population less than 10,000.

1. Has the effect on downstream properties been considered?

[ ]  No – Explain why:

[ ]  Yes – Coordination has been completed or is in process, describe: