**Environmental Report (ER) and Environmental Assessment (EA) Template**

2-08-2023 Wisconsin Department of Transportation

Project Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Project ID | | Project Termini | | Funding Sources *(check all that apply)* Federal  State  Local |
| Construction ID | | Estimated Total Project Cost (design, construction, real estate, etc). Include delivery cost in Year of Expenditure (YOE).      in       dollars |
| Route Designation *(if applicable)* | | Township and/or Nearest Municipality | |
| National Highway System (NHS) Route  Yes  No | | Real Estate Acquisition Portion of Estimated Cost (YOE)        in       dollars |
| County | | Section / Township / Range | | Utility Relocation Portion of Estimated Cost (YOE)        in       dollars |
| Project Title | | | | |  |  | | --- | --- | | **Right of Way Acquisition** | **Acres** | | Fee |  | | Temporary Limited Easement (TLE) |  | | Permanent Limited Easement (PLE) |  | | Highway Easement (HE) |  |   Number of Relocations:  Residential       Business       Other |
| Bridge Number(s) *(if applicable)* | Environmental process Start Date:  For an ER, indicate the date of the first tribal notification letter.  For an EA, indicate the date the Process Initiation Letter (PIL) was accepted by FHWA. | | |
| |  |  |  | | --- | --- | --- | | **Functional Classification of Existing Route**  **(FDM 4-1-10 & 4-1-15)** | **Urban** | **Rural** | | Freeway/Expressway |  |  | | Principal Arterial |  |  | | Minor Arterial |  |  | | Major Collector |  |  | | Minor Collector |  |  | | Local |  |  | | No Functional Class |  |  | | Other |  |  | | | | |  |  | | --- | --- | | **WisDOT Project Improvement Strategy and Type (FDM 3-5 & FDM 11-1 attachment 10.1)** |  | | **Improvement Strategy – Improvement Type** |  | | Perpetuation – Preservation/Restoration |  | | Perpetuation – Resurfacing |  | | Perpetuation – Pavement Replacement |  | | Perpetuation – Bridge Rehabilitation |  | | Perpetuation – Bridge Preventative |  | | Rehabilitation – Preservation/Restoration |  | | Rehabilitation – Resurfacing |  | | Rehabilitation – Pavement Replacement |  | | Rehabilitation – Reconstruction |  | | Rehabilitation – Bridge Rehabilitation |  | | Rehabilitation - Bridge Replacement |  | | Modernization - Expansion |  | | Preventative Maintenance |  | | State Majors |  | | Other – Describe: |  | | |
| FHWA Draft Categorical Exclusion (CE)/WisDOT Draft Environmental Report (ER). **No significant impacts indicated by initial assessment.**  FHWA/WisDOT Environmental Assessment (EA). **No significant impacts indicated by initial assessment.**   |  |  |  | | --- | --- | --- | |  |  |  | | (Print – Preparer Name, Title, Company/Organization) (Date – m/d/yy) |  | (Signature – Director, Bureau of Technical Services) (Date – m/d/yy) | |  |  |  | | (Signature, Title) (Date – m/d/yy)  Region  Aeronautics  Railroads & Harbors |  | (Signature, Title) (Date – m/d/yy)  FHWA  FAA  FTA  FRA | | | | | |
| A Public Hearing was not required. After reviewing and addressing substantive public comments and coordinating with other agencies, it is determined this action:  **Will NOT significantly affect** the quality of the human environment. This document is a Final CE/Final ER.  **Will NOT significantly affect** the quality of the human environment. This document is a Final EA/Finding of No Significant Impact (FONSI).  **Has potential to significantly affect** the quality of the human environment. Draft Environmental Impact Statement (EIS) required.  A Public Hearing was held, and after reviewing and addressing substantive public comments, updating the Draft CE/ER or EA and coordinating with other agencies, it is determined this action\*:  **Will NOT significantly affect** the quality of the human environment. This document is a Final CE/Final ER.  **Will NOT significantly affect** the quality of the human environment. This document is a Final EA/Finding of No Significant Impact (FONSI).  **Has potential to significantly affect** the quality of the human environment. Draft Environmental Impact Statement (EIS) required.   |  |  |  | | --- | --- | --- | |  |  |  | | (Print – Preparer Name, Title, Company/Organization) (Date – m/d/yy) |  | (Signature – Director, Bureau of Technical Services) (Date – m/d/yy) | |  |  |  | | (Signature, Title) (Date – m/d/yy)  Region  Aeronautics  Railroads & Harbors |  | (Signature, Title) (Date – m/d/yy)  FHWA  FAA  FTA  FRA | | | | | |

\*Include Environmental Document Availability and Hearing Summary following this page.

**1. Table of Contents:**

**2. Abbreviations and Acronyms:**

**3. Document Type and Template Use Criteria:**

**3a. Document Type:**

**3b. Project is a Complete FHWA Action**

Check all boxes that apply to the proposed project. To process your project with this template, you must be able to check either boxes 1-3 or the last box. If you are unable to check either boxes 1-3 or the last box in this section, you cannot complete this template and must reassess the project scope to meet the criteria. Proposed projects being developed under WEPA must also meet these criteria.

23 CFR 771.111(f) To ensure meaningful evaluation of alternatives and to avoid commitments to transportation improvements before they are fully evaluated, the action evaluated shall:

|  |  |
| --- | --- |
|  | (1) Connect logical termini and be of sufficient length to address environmental matters on a broad scope |
|  | (2) Have independent utility or independent significance, i.e., be usable and be a reasonable expenditure even if no additional transportation improvements in the area are made |
|  | (3) Not restrict consideration of alternatives for other reasonably foreseeable transportation improvements |
|  | Project is not an action resulting in construction and does not require compliance with (1-3) above |

**3c. ER and EA Template Applicability**

When preparing an EA, if at any point in the environmental documentation process it becomes apparent that the project will not result in the preparation of a FONSI, you must coordinate with the Region Environmental Coordinator (REC) and Bureau or Technical Services-Environmental Process and Documentation Section (BTS-EPDS) to determine the appropriate type of environmental document.  Proceed to Question 4.

When preparing an ER,check all boxes that apply to the proposed project. If you are unable to check a box in this section, coordinate with the REC and BTS-EPDS to determine the appropriate type of environmental document. Proposed projects being developed under WEPA must also meet these criteria. 23 CFR 771.117(a) Categorical exclusions (CEs) are actions which, based on experience with similar actions, do not involve significant environmental impacts. They are actions which:

|  |  |
| --- | --- |
|  | Do not induce significant impacts to planned growth or land use for the area |
|  | Do not require the relocation of significant numbers of people |
|  | Do not have a significant impact on any natural, cultural, recreational, historic or other resource |
|  | Do not involve significant air, noise, or water quality impacts |
|  | Do not have significant impacts on travel patterns |
|  | Do not otherwise, either individually or cumulatively, have any significant environmental impacts |

**3d. Unusual Circumstances that may preclude approval at the ER level**

Check all boxes that apply to the proposed project. If any boxes in this section are checked, consultation with the REC, BTS-EPDS and FHWA is required prior to making a final CE determination. 23 CFR 771.117(b) Any action which normally would be classified as a CE but could involve unusual circumstances may require the FHWA, in cooperation with the applicant, to conduct additional environmental studies to determine if the CE classification is proper. Proposed projects being developed under WEPA must also meet these criteria.

Such unusual circumstances include:

|  |  |  |
| --- | --- | --- |
|  |  | Significant environmental impacts |
|  |  | Substantial controversy on environmental grounds |
|  |  | Significant impact on properties protected by Section 4(f) of the DOT Act or Section 106 of the National Historic Preservation Act (not required for WEPA document, consult with REC or EPDS for requirements) |
|  |  | Inconsistencies with any Federal, State, or local law, requirement or administrative determination relating to the environmental aspects of the action |
|  |  | Project includes auxiliary lanes or capacity expansion |

Describe any coordination with the REC, BTS-EPDS and FHWA related to any unusual circumstances:

**4. Environmental Document Statement**:

This environmental document is an essential component of the National Environmental Policy Act (NEPA) and/or Wisconsin Environmental Policy Act (WEPA) project development process, which supports and complements public involvement and interagency coordination.

The environmental document is a full-disclosure document which provides a description of the purpose and need for the proposed action, the existing environment, analysis of the anticipated beneficial or adverse environmental effects resulting from the proposed action and potential mitigation measures to address identified effects. This document also allows others the opportunity to provide input and comment on the proposed action, alternatives and environmental impacts. Finally, it provides the decision maker with appropriate information to make a reasoned choice when identifying a preferred alternative.

This environmental document must be read entirely so the reader understands the reasons that one alternative is identified as the preferred alternative over other alternatives considered.

**5. Fiscal Constraint**:

Projects identified in the WisDOT Statewide Transportation Improvement Program (STIP) per 23 CFR 450.218(g), which are typically FHWA or Federal Transit Administration (FTA) funded projects, must demonstrate fiscal constraint. In addition, and regardless of funding source, projects defined as regionally significant per 23 CFR 450.104 and 23 CFR 450.218(h), must also demonstrate fiscal constraint.

Indicate whether a project ID for a subsequent phase following design (either a project ID for substantial right-of-way acquisition or a project ID for construction) is included in the most recent version, or a previous version of the STIP, included in a STIP amendment, or listed in the STIP with a Backlog Advanceable Pilot Program (BAPP) STIP label. One of the boxes must be checked to demonstrate fiscal constraint.

If the proposed project is within a metropolitan planning area, it also must be in the metropolitan planning organization (MPO) Transportation Improvement Program (TIP).

|  |  |
| --- | --- |
|  | The proposed action is not federally funded with FHWA or FTA funds per 23 CFR 450.218(g), does not require federal approval, and is not considered a regionally significant project. Federal fiscal constraint requirements do not apply. |
|  | The proposed action is federally funded with FHWA or FTA funds per 23 CFR 450.218(g), requires federal approval, or is considered a regionally significant project. The proposed action is approved in the most recent version of the STIP label or included in a STIP amendment label. Indicate the name of the STIP or STIP amendment, the portion of the proposed project funded and the page number on which the project can be found. If the proposed project is within a metropolitan planning area, it also must be in the metropolitan planning organization (MPO) Transportation Improvement Program (TIP).  For projects in metropolitan planning areas, indicate the name of the TIP or TIP amendment, the portion of the proposed project funded and the page number on which the project can be found. |
|  | The proposed action is federally funded with FHWA or FTA funds per 23 CFR 450.218(g), requires federal approval, or is considered a regionally significant project. The proposed action was approved in a previous STIP but is no longer included in the most recent STIP because initial project funding authorization has occurred. Indicate the STIP label or STIP amendment label, the portion of the project funded and the page number on which the project can be found.  For projects in metropolitan planning areas, indicate the name of the TIP or TIP amendment, the portion of the proposed project funded and the page number on which the project can be found. |

**6. Purpose and Need:**

**7. Summary of Alternatives:**

**8. Description of Preferred Alternative:**

**9. Land Use Adjoining the Project and Surrounding Area:**

**10. Planning and Zoning:**

**11. Indirect Impacts:**

If any of the following boxes are checked, the Pre-Screening Worksheet for EA and ER Projects for Determining the Need to Conduct a Detailed Indirect Effects Analysis must be completed and attached to this environmental document.

An alternative being carried forward for detailed analysis includes:

Economic development as an element of the purpose and need

Construction of one or more new or additional through lanes

Construction of a new interchange or elimination of an existing interchange

Construction of one or more additional ramps or relocation of a ramp lane to a new quadrant on an existing interchange

Relocation of an existing roadway to a new alignment (this does not include minor modifications to the existing roadway alignment)

Changing an at-grade intersection to a grade-separated intersection with no access or a grade-separated intersection to an at-grade intersection.

Construction of one or more additional intersections along the mainline created by a new side road access.

One or more new access points along a side road within 500’ of the mainline.

None of the above boxes have been checked, it has therefore been concluded that the proposed action will not result in indirect effects.

The proposed action may result in indirect effects. The Pre-Screening Worksheet for EA and ER Projects for Determining the Need to Conduct a DetailedIndirect Effects Analysis attached here:       indicates a detailed indirect effects analysis is not required.

The proposed action may result in indirect effects. It has been determined that a detailed indirect effects analysis is required. A summary of the detailed analysis is located here:

**12. Environmental Justice (EJ):**

|  |  |
| --- | --- |
| How was information obtained about the presence of populations covered by Executive Order 12898, Federal Actions to Address Environmental Justice in Minority and Low-Income Populations (EO 12898)? *(check all that apply)* | |
| Public Involvement Plan (PIP) | EJ plan for the project |
| U.S. Census data | Survey/questionnaire |
| Local government | U.S. EPA EJ Screen |
| Real estate company | WisDOT Real Estate |
| Public involvement meeting(s) | Windshield survey\* |
| Official plan (such as a comprehensive plan or MPO plan) |  |
| Health and human services agencies or organizations  Identify agency or organization: | |
| Other – identify: | |

\*Conducting only a windshield survey is not sufficient to decide if populations are present.

A. Based on data obtained from the methods above, are minority populations or low-income populations present in the project area?

No

Yes, describe:

B. Will there be potential impacts of any kind to minority populations or low-income populations identified above?

No

Yes, describe:      ; you will need to complete the Environmental Justice Factor Sheet.

**13. Title VI of the Civil Rights Act of 1964 and Additional Nondiscrimination Requirements**

A. Indicate if issues have been identified or concerns have been expressed related to Title VI of the Civil Rights Act of 1964 or other nondiscrimination laws, regulations, executive orders and policies under the Title VI umbrella.

No. Issues related to the above laws, regulations, executive orders and policies were not identified and concerns were not expressed.

Yes. Issues related to the above laws, regulations, executive orders and policies were identified and/or concerns were expressed, describe:

14. Public Involvement:

1. Briefly describe the Public Involvement Plan (PIP):

B. Public Meetings

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date**  (mm/dd/yyyy) | **Meeting Sponsor**  (WisDOT, RPC, MPO, etc.) | **Type of Meeting**  (PIM, Public Hearings, etc.) | Location | **Approx. Number of Attendees** |
|  |  |  |  |  |
|  |  |  |  |  |
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|  |  |  |  |  |
|  |  |  |  |  |

C. Other methods such as those identified in the Public Involvement Plan and Environmental Justice Plan (if applicable):

D. Indicate any accommodations that were requested by the public or provided to comply with Title VI, EJ or nondiscrimination laws.

Interpreters  Listening aids

Transportation provided  Accessibility for elderly populations or individuals

Childcare provided  Accessibility for disabled populations or individuals

Bilingual materials provided  Sign language provided

Other, describe

E. Describe populations, groups and individuals who participated in the public involvement process. Include any organizations and special interest groups:

F. Indicate plans for additional public involvement, if applicable:

**15. Summarize the Results of Public Involvement:**

A. Describe the issues, if any, identified by individuals or groups during the public involvement process:

B. Briefly describe how the issues identified above were addressed:

**16. Local, County, State, Tribal, Federal Government Coordination:**

A. Identify units of government contacted and provide the date coordination was initiated.

|  |  |  |  |
| --- | --- | --- | --- |
| **Unit of Government**  (Village, Town, MPO, RPC, City, County, Tribe, Federal, etc.) | **Coordination**  Correspondence Attached | **Coordination Initiation Date**  (mm/dd/yyyy) | **Comments** |
|  | Yes  No |  |  |
|  | Yes  No |  |  |
|  | Yes  No |  |  |
|  | Yes  No |  |  |
|  | Yes  No |  |  |
|  | Yes  No |  |  |

B. Describe the issues, if any, identified by units of government during the public involvement process:

C. Briefly describe how the issues identified above were addressed:

D. Indicate any unresolved issues or ongoing discussions:

**17. Public Hearing Requirement**:

A.  This document is an Environmental Assessment.

A Notice of Opportunity to Request a Public Hearing **will be** published, or,

A Public Hearing **will be** held.

B.  This document is a Categorical Exclusion / Environmental Report.

1. A substantial amount of right-of-way **will** be acquired.

2. The proposed action **will** substantially change the layout or functions of connecting roadways or of the facility being improved.

3. The proposed action **will** have a substantial adverse impact on abutting property.

4. The proposed action **will** have other substantial social, economic, or environmental effects.

5. The department has determined that a public hearing is in the public interest.

If one or more of boxes 1-5 above have been checked, you must check one the of the next 2 boxes

A Notice of Opportunity to Request a Public Hearing **will be** published, or,

A Public Hearing **will be** held.

If none of boxes 1-5 above have been checked then check the box below.

Notice of Opportunity to Request a Public Hearing **will not** be published, and a Public Hearing **is not** required

When a Notice of Opportunity to Request a Public Hearing is published, and/or a Public Hearing is held, the final EA or CE / ER will include the Environmental Document Availability and Hearing Summary sheet at the beginning of the document, after the signature page.

When a Public Hearing is held, the project sponsor must submit a hearing record and certification to FHWA that complies with 23 U.S.C. 128(b) and 23 CFR 771.111(h). FHWA approval of this environmental document indicates concurrence with the department’s Public Hearing requirement determination.

**18. Traffic Summary:**

Traffic Forecast is not required, explain:       and skip to Question 19.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Traffic Summary Matrix** | **ALTERNATIVES/SECTIONS** | | | | | |
| **No Build** |  |  |  |  |  |
| TRAFFIC VOLUMES | | | | | | |
| Base Yr. AADT  Yr. |  |  |  |  |  |  |
| Const. Yr. AADT  Yr. |  |  |  |  |  |  |
| Const. Plus 10 Yr. AADT  Yr. |  |  |  |  |  |  |
| Design Yr. AADT  Yr. |  |  |  |  |  |  |
| DHV  Yr. |  |  |  |  |  |  |
| TRAFFIC FACTORS | | | | | | |
| K:     (%) | % | % | % | % | % | % |
| D (%) | % | % | % | % | % | % |
| Design Year  T (% of AADT) | % | % | % | % | % | % |
| T (% of DHV) | % | % | % | % | % | % |
| Level of Service |  |  |  |  |  |  |
| SPEEDS | | | | | | |
| Existing Posted |  |  |  |  |  |  |
| Future Posted |  |  |  |  |  |  |
| Design Year  Project Design Speed |  |  |  |  |  |  |
| **OTHER** *(specify)* | | | | | | |
| P (% of AADT) | % | % | % | % | % | % |
| K8 (% OF AADT) | % | % | % | % | % | % |
| Other |  |  |  |  |  |  |
| AADT = Annual Average Daily TrafficDHV = Design Hourly Volume  K [30/100/200 ] : K30 = Interstate, K100 = Rural, K250 = Urban, % = AADT in DHVD = % DHV in predominate direction of travel  T = TrucksP = % AADT in peak hour  K8 = % AADT occurring in the average of the 8 highest consecutive hours of traffic on an average day (required only if CO analysis is required). | | | | | | |

1. Identify the agency that generated the data included in the Traffic Summary Matrix:
2. Identify the date (month/year) that the traffic forecast data included in the Traffic Summary Matrix was developed:
3. Identify the methodology and/or computer program(s) used to develop the data included in the Traffic Summary Matrix:
4. If a metric other than Annual Average Daily Traffic (AADT) is used for describing traffic volumes such as Average Annual Weekday Traffic (AWDT), explain why a different metric was used and how it compares to AADT:

**19. Agency and Tribal Coordination**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Agency** | Coordination Required? | **Correspondence Attached?** | **Comments** |
| **WisDOT** | | | |
| Region Real Estate Section | No | N/A | Coordination is not required because there will be no Fee, PLE or TLE acquisitions. |
| Yes | Yes  No | Coordination is being done by WisDOT Real Estate including discussion of project effects and relocation assistance, explain:      . |
| Bureau of Aeronautics | No | N/A | Coordination is not required. The project is not located within 5 miles of a public or military use airport. |
| Yes | Yes  No | Coordination has been completed and project effects have been addressed. Explain: |
| Railroads and Harbors Section | No | N/A | Coordination is not required because no railways or harbors are in or planned for the project area. |
| Yes | Yes  No | Coordination has been completed and project effects have been addressed. Explain: |
| **STATE AGENCIES** | | | |
| Natural Resources (DNR) | Yes | Yes  No |  |
| State Historic Preservation Office (SHPO) | Yes | Yes  No |  |
| Agriculture (DATCP) | Yes  No | Yes  No |  |
| Other, (identify) | Yes  No | Yes  No |  |
| **FEDERAL AGENCIES** | | | |
| U.S. Army Corps of Engineers (USACE) | Yes  No | Yes  No |  |
| U.S. Fish and Wildlife Service (USFWS) | Yes  No | Yes  No |  |
| U.S. Forest Service (USFS) | Yes  No | Yes  No |  |
| Natural Resources Conservation Service (NRCS) | Yes  No | Yes  No |  |
| U.S. National Park Service (NPS) | Yes  No | Yes  No |  |
| U.S. Coast Guard (USCG) | Yes  No | Yes  No |  |
| U.S. Environmental Protection Agency (EPA) | Yes  No | Yes  No |  |
| Advisory Council on Historic Preservation (ACHP) | Yes  No | Yes  No |  |
| Other (identify) | Yes  No | Yes  No |  |
| **SOVEREIGN NATIONS** | | | |
| American Indian Tribes | Yes | Standard Letters have been sent and an example is attached  Yes |  |
| Project Involves American Indian Tribal Lands or Reservation Lands | No | N/A |  |
| Yes | Yes |  |
| Other Entities | Yes | Yes |  |

**20. Alternatives Comparison:**

All estimates including costs are based on conditions described in this document at the time of preparation; costs are provided in the year of expenditure (YOE). Additional agency or public involvement may change these estimates in the future.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PROJECT PARAMETERS** | **Unit of Measure** | | **Alternatives/Sections** | | | | | | |
| **No Build** | |  |  |  |  |  |
| Project length | Miles | |  | |  |  |  |  |  |
| **PRELIMINARY COST ESTIMATE (YOE)** | | | | | | | | | |
| Construction | Million $ | |  | |  |  |  |  |  |
| Real Estate | Million $ | |  | |  |  |  |  |  |
| **TOTAL** | Million $ | |  | |  |  |  |  |  |
| **LAND CONVERSIONS** | | | | | | | | | |
| Total area converted to ROW | Acres | |  | |  |  |  |  |  |
| **REAL ESTATE** | | | | | | | | | |
| Number of farms affected | Number | |  | |  |  |  |  |  |
| Total area required from farm operations | Acres | |  | |  |  |  |  |  |
| AIS required |  | | Yes  No | | Yes  No | Yes  No | Yes  No | Yes  No | Yes  No |
| Farmland rating | Score | |  | |  |  |  |  |  |
| Total buildings required | Number | |  | |  |  |  |  |  |
| Housing units required | Number | |  | |  |  |  |  |  |
| Commercial units required | Number | |  | |  |  |  |  |  |
| Other buildings or structures required | Number & Type | |  | |  |  |  |  |  |
| **ENVIRONMENTAL FACTORS** | | | | | | | | | |
| Indirect impacts |  | Yes  No | | Yes  No | | Yes  No | Yes  No | Yes  No | Yes  No |
| Cumulative impacts |  | Yes  No | | Yes  No | | Yes  No | Yes  No | Yes  No | Yes  No |
| Environmental justice population(s) affected |  | Yes  No | | Yes  No | | Yes  No | Yes  No | Yes  No | Yes  No |
| Number of historic properties affected | Number | |  | |  |  |  |  |  |
| Burial site protection *(authorization required)* |  | Yes  No | | Yes  No | | Yes  No | Yes  No | Yes  No | Yes  No |
| Section 106 MOA required |  | Yes  No | | Yes  No | | Yes  No | Yes  No | Yes  No | Yes  No |
| Section 4(f) evaluation or determination required | Number |  | |  | |  |  |  |  |
| Section 6(f) or other unique properties impacted | Number |  | |  | |  |  |  |  |
| Floodplain impacts | Number |  | |  | |  |  |  |  |
| Unique upland habitat impacted | Acres |  | |  | |  |  |  |  |
| Threatened/Endangered species with “may effect” determinations and/or requiring state Incidental Take Authorization | Number |  | |  | |  |  |  |  |
| Total wetlands permanently impacted | Acres | |  | |  |  |  |  |  |
| Surface waters impacted | Number | |  | |  |  |  |  |  |
| Groundwater, wells, and springs impacted | Number | |  | |  |  |  |  |  |
| Noise analysis required  Receptors impacted | Number | | Yes  No | | Yes  No | Yes  No | Yes  No | Yes  No | Yes  No |
| Contaminated sites impacted | Number | |  | |  |  |  |  |  |
|  |  | |  | |  |  |  |  |  |

**21. Environmental Factors Matrix *(*check all that apply):** If the effects on the environmental factor can’t be adequately summarized in several sentences, the Factor Sheet for the environmental factor must be included. If the Factor Sheet is completed also include a brief summary here in the effects box. Factor sheets should be attached in the order the shown below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Factors** | **Adverse Impact** | **Beneficial Impact** | **No Impacts Identified** | **Factor Sheet   Attached** | For those Factors not present in the project area indicate not present.  **Effects** |
| Business and Economic |  |  |  |  |  |
| Community |  |  |  |  |  |
| Aesthetics |  |  |  |  |  |
| Agriculture |  |  |  |  |  |
| Relocations |  |  |  |  |  |
| Indirect Impacts |  |  |  |  |  |
| Cumulative Impacts |  |  |  |  |  |
| Environmental Justice |  |  |  |  |  |
| Historic Properties |  |  |  |  |  |
| Burial Sites |  |  |  |  |  |
| Tribal |  |  |  |  |  |
| Section 4(f) |  |  |  |  |  |
| Section 6(f) and other Unique Properties |  |  |  |  |  |
| Wetlands |  |  |  |  |  |
| Surface Water Resources |  |  |  |  |  |
| Groundwater, Wells, and Springs |  |  |  |  |  |
| Coastal Zones |  |  |  |  |  |
| Floodplains |  |  |  |  |  |
| Unique Wildlife and Habitat |  |  |  |  |  |
| Threatened, Endangered or Protected Resources |  |  |  |  |  |
| Air Quality |  |  |  |  |  |
| Construction Sound |  |  |  |  |  |
| Traffic Noise |  |  |  |  |  |
| Hazardous Substances, Contamination and Asbestos |  |  |  |  |  |
| Stormwater |  |  |  |  |  |
| Erosion and Sediment Control |  |  |  |  |  |
| **OTHER FACTORS** | | | | | |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**22. Environmental Commitments:**

Identify and describe any avoidance, minimization or compensation measures (commitments) in detail. Be specific on what needs to happen and specifically where on the project. Indicate when the commitment should be implemented and who in WisDOT is responsible for fulfilling each commitment (Project Manager, Environmental Coordinator, etc.). Please note if the commitment will be indicated on the final plan, recorded in the Plans, Specifications and Estimates (PS&E), under special provisions in the final plan set, in construction notes, or some other written format. Attach a copy of this completed matrix to the design study report and the PS&E submittal package. Be sure to update it if further commitments are made after the Environmental Document is signed.

|  |  |
| --- | --- |
| **Factor** | Commitment (If none, include N/A) |
| Business and Economics |  |
| Community |  |
| Aesthetics |  |
| Agriculture |  |
| Relocations |  |
| Indirect Impacts |  |
| Cumulative Impacts |  |
| Environmental Justice |  |
| Historic Properties |  |
| Burial Sites |  |
| Tribal Lands |  |
| Section 4(f) |  |
| Section 6(f) or Other Specially Funded Lands |  |
| Wetlands |  |
| Surface Water Resources |  |
| Floodplains |  |
| Groundwater, Wells and Springs |  |
| Coastal Zones |  |
| Unique Wildlife and Habitat Concerns |  |
| Threatened and/or Endangered Species |  |
| Air Quality |  |
| Construction Sound |  |
| Traffic Noise |  |
| Hazardous Substances, Contamination and Asbestos |  |
| Stormwater |  |
| Erosion Control |  |
| Other: |  |
| Other: |  |