**CORRESPONDENCE/MEMORANDUM State of Wisconsin**

**Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_, 20\_\_\_

**To:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

WisDOT DTSD XX Region, Local Program Project Manager

**From:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - Local Public Agency

**Subject:** LOCAL PROGRAM BRIDGE DESIGN STUDY REPORT

Project I.D. (design) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(CTH, Local (choose one)) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bridge # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ County

Having considered the economic and social effects of this project, its impact on the environment, and its consistency with the goals of community planning, we request your approval of the attached design study report.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

Name, PE Date

Local Public Agency

Concur:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

Name, PE Date

WisDOT DTSD XX Region, Local Program Project Manager

**LOCAL PROGRAM BRIDGE DESIGN STUDY REPORT**

Project I.D. (design) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(CTH, Local (choose one)) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bridge # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ County

**ENGINEER'S SEAL**

**LOCAL PROGRAM BRIDGE DESIGN STUDY REPORT**

1.0 Project Description and Need

1.1 Federal Oversight Project (Yes or No): \_\_\_\_\_\_

1.2 Project Length and Termini

Project Length:

Termini/Limits:

1.3 Functional Classification

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Roadway Name** | **Functional Class (Principal or Minor Arterial, Collector or Local)** | **Surrounding Development Type? (Rural, Urban or Transitional)** | **Posted Speed** | **Design Speed**  **(at structure location)** | **NHS Route (Yes or No)** | **Long Truck Route (No or State Federal or State)** | | **On Ped Trans. Plan (Yes or No)** | **On Bike Trans. Plan (Yes or No)** |
|  |  |  |  |  |  |  |  | |  |

Comments:

1.4 Need for Project

Bridge Replacement ☐ or Bridge Rehabilitation ☐

2.1 Cross Section Information - Number of roadways

See Typical Section

2.2 Structures

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Existing Structure I.D. #** | **Feature Crossed** | **Structure Type** | **Sufficiency Rating** | **Clear Roadway Width** | **Railing Type** | **Structurally Deficient or Functionally Obsolete\*** | **Inventory Load Rating** |
|  |  |  |  |  |  |  |  |

Comments:

2.3 Utilities

|  |  |  |  |
| --- | --- | --- | --- |
| **Utility Name** | **Type of Utility** | **General Location** | **Underground /Overhead/ Both** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Comments:

3.0 Traffic Information

3.1 Traffic Volumes/Conditions

3.1.1 Existing Average Annual Daily Traffic (AADT) Volume

4.0 Proposed Design Criteria

4.1 Design Justifications (include crash analysis here if applicable)

4.1.1 Controlling Criteria Design Justifications

|  |
| --- |
|  |

4.1.2 Non-Controlling Criteria Design Justifications

|  |
| --- |
|  |

5.1 Cross Section/Pavement Structure Information

See Typical Section

5.2 Structures Improvements Information

5.2.1 Bridge Structures

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Structure I.D. #** | **Location** | **Structure Type** | **Length** | **Clear Width** | **No. of Spans** | **Vertical Clearance** | **Horizontal Clearance** |
|  |  |  |  |  |  |  |  |
|  | **Proposed Improvement:** | |  | | | | |

Comments:

5.3 Utilities

Describe any special design features to accommodate utilities:

|  |
| --- |
|  |

Major Utility Agreements:

|  |
| --- |
|  |

Comments:

5.4 Railroads

Describe improvements to Railroad Facilities:

|  |
| --- |
|  |

Railroad Agreements:

|  |
| --- |
|  |

Comments:

5.5 Financing and Scheduling

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Construction I.D.** | **Cost Estimate** | **Type of Funding** | | | **Proposed Timeframe for Construction** |
| **% Fed.** | **% State** | **% Local** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Non-participating Work:

|  |
| --- |
|  |

5.6 Unique or Non-Standard Features

5.6.1 Hazardous Waste

|  |
| --- |
|  |

5.6.2 Environmental Commitments

|  |
| --- |
|  |

**6.0 Synopsis**

|  |  |  |
| --- | --- | --- |
| **Reports, Documents and Coordination** | **Completion/ Approval Dates (xx/xx/xxxx)** | **Status of Coordination or Other Information as Needed** |
| Structure Survey Report (SSR) |  |  |
| Public Information Meeting(s) (PIM(s)) |  |  |
| Signed State Municipal Agreement(s) (SMA(s)) |  |  |
| SHPO Coordination Acceptance (Section 106, etc.) (SHPO) |  |  |
| DNR Coordination Acceptance (401 Cert., etc.) (DNR) |  |  |
| Signed Environmental Document (ED) (Type: ) |  |  |
| Transportation Management Plan (TMP) |  |  |

Comments:

7.0 Attachments

* Project Location/Overview Map
* Existing Typical Cross Section(s)/ Finished/Proposed Typical Cross Section(s)

- Preliminary Plan Sheet(s)

- Environmental Commitments Basic Sheet (if applicable) (include coordination letters)