Historic Bridge Rehabilitation Analysis

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INTRODUCTION

**Project Location**

County

 Municipality

 State Route/Local Road

 Location Description

**Bridge Information**

 Owner

 Year Built

 Bridge Type

 Bridge Length

 Number of Spans

 Length of Main Span

Deck Width

Additional Information

**Historic Significance**

 Priority Level

NHRP Criterion       due to

PROJECT LOCATION MAP

ROADWAY AND SITE INFORMATION

**Type of Service**

Number of Lanes

Approach Width(s)

Vertical Clearance

Horizontal Clearance

Traffic Data

ADT

Year

Truck %

Shoulder Width

Functional Classification

**Crash History**

**Safety Features or Deficiencies**

**Bypass Proximity**

**Summary of Performance and Any Geometric or Hydraulic Deficiencies**

**Land Use and Any Anticipated Changes**

Identification of Other Resources in the Project Area or APE

CONDITION AND LOAD SUFFICIENCY INFORMATION

 **BMS Condition Code Ratings**

 **Load Rating**

**Load Posting**

 **Summary of Structural Deficiencies**

Clearly, yet concisely, describe the deficiencies of the structure

PROJECT DETOUR MAP

PROJECT PURPOSE AND NEED

Purpose statement and bulleted list of Need(s) only. The full Purpose and Need document can be saved in Appendices.

**Purpose**

**Need**

REHABILITATION ANALYSIS

This should focus on whether the bridge can be rehabilitated to meet the Purpose and Needs while also meeting Secretary of the Interior standards. Do not discuss other alternatives in this report. That will be discussed as part of Section 4(f).

CONCLUSION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Rehabilitation Option** |  **Purpose /****Need** | **SOI Standards** | **Cost Estimate\*** | **Comments** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

\*If the analysis determines that the bridge cannot be rehabilitated to meet the SOI standards AND meet the project’s Purpose & Need, then cost estimates should not be provided (as there is no design, a cost estimate ultimately cannot be generated).

If the analysis determines that the bridge can be rehabilitated to meet the SOI standards AND meet the project’s Purpose & Need, then a cost analysis should be provided; however, no judgment on those costs should be made. In other words, do not state an opinion on whether those costs are reasonable/feasible/cost effective, etc.

APPENDICES

(…Purpose and Need document, photographs, relevant correspondence, etc.)