

**FEDERAL AID BRIDGE REPLACEMENT PROGRAM RESOLUTION  
FOR COUNTY AND URBAN PROJECTS**

WHEREAS, Brookings County desires the replacement of the bridge hereinafter described:

STRUCTURE NUMBER AND LOCATION: SN 06-170-101  
Approx. 5.9 N of Brookings on 471<sup>st</sup> Avenue/CR 77 (44.39726N, -96.78756W)

LIST OF CURRENT LANDOWNERS ADJACENT TO THE PROJECT (NAMES & ADDRESSES): Jeanne Kneeland, PO Box 542016, Omaha, NE 68154;  
James Deniger, 20621 471<sup>st</sup> Ave., Brookings, SD 57006;  
Karen Ruth Trust, 2842 Mt. Olive-Agosta Rd., New Bloomington, OH 43341;

AND WHEREAS, Brookings County is obligated and hereby agrees to provide proper maintenance as required by the Federal Highway Act as amended and supplemented thereto for project after construction is completed and to regulate or cause to be regulated the installation of utility facilities within the limits of the right-of-way of the proposed project in accordance with State and Federal requirements.

AND WHEREAS, Brookings County is obligated and hereby agrees to reimburse the State for all costs not reimbursable with Bridge Replacement Funds.

AND WHEREAS, the bridge is in need of replacement for the following reasons:

1. The condition rating is Poor.
2. The bridge is not located on a County or Township designated No Maintenance or Minimum Maintenance Road.
3. The bridge is located on a Federal Aid Route X, a school bus route X, a mail route X, a field to farm to market route     , a lake or recreation access route     , or other (please specify)     .
4. The load carrying capacity of the existing bridge can      or cannot X be improved to carry legal loads by rehabilitation of the existing bridge.

NOW THEREFORE BE IT RESOLVED:

That the South Dakota Department of Transportation be and hereby is authorized and requested to program for construction, in accordance with the "Local Roads Plan" and the State's "Standard Specifications for Roads and Bridges," the bridge replacement project at the above described location. Items to be handled by State forces with Federal Participation will include hydraulic study review, foundations investigation (if necessary), plan reviews, and construction administration.

|  |    |                  |
|--|----|------------------|
| Estimated Cost of Project Including Engineering: | \$ | <u>1,600,000</u> |
| Federal Share (81.95%):                          | \$ | <u>1,311,200</u> |
| Local Share (18.05%):                            | \$ | <u>288,800</u>   |

Vote of Commissioners/Council: Yes      No     

Dated at     , SD, this      day of     ,     .

ATTEST:

      
County Auditor/City Finance Officer

      
Chairman/Mayor



## 2020 APPLICATION FOR LOCAL FEDERAL BRIDGE REPLACEMENT FUNDS

South Dakota Department of Transportation  
SUBMIT APPLICATION TO: [Wade.Dahl@state.sd.us](mailto:Wade.Dahl@state.sd.us)

**Must be postmarked by June 12, 2020**

|                          |  |   |
|--------------------------|--|---|
| <b>Identification</b>    | NBI Structure # 00000006170101   | Federal Aid Route Number: 6443                          |
|                          | Owner: Brookings County  | Over: Trib. To North Deer Creek                         |
|                          | Location: 5.9 N of Brookings   | Road/Street/Avenue Name: 471 <sup>st</sup> Avenue/CR 77 |
|                          | Preliminary Engineering: <input type="checkbox"/> Completed by Local <b>OR</b> <input type="checkbox"/> Completed by BIG Grant PCN _____ <b>OR</b><br><input checked="" type="checkbox"/> To be included with this program   |   |
| <b>Eligibility</b>       | <p><b>All Projects:</b> (Provide explanation below if any of the following are False)</p> <input checked="" type="checkbox"/> True <input type="checkbox"/> False – Bridge is on the National Bridge Inventory?<br><input checked="" type="checkbox"/> True <input type="checkbox"/> False – Bridge overall condition is rated as Poor? (Per list of eligible structures as provided by SDDOT)<br><input checked="" type="checkbox"/> True <input type="checkbox"/> False – Local Government currently has funds or ability to obtain funds to provide an 18.05% match on all eligible costs?<br><input checked="" type="checkbox"/> True <input type="checkbox"/> False – Local Government currently has funds or ability to obtain funds to cover all in-eligible costs?<br><input checked="" type="checkbox"/> True <input type="checkbox"/> False – Bridge site currently has access and no issues with initiating field survey work?<br><input checked="" type="checkbox"/> True <input type="checkbox"/> False – Bridge site has adequate right of way or there are no concerns with acquiring adequate right of way<br><input checked="" type="checkbox"/> True <input type="checkbox"/> False – Structure serves multiple residences, farms, ranches or a multi-lot development?<br><input checked="" type="checkbox"/> True <input type="checkbox"/> False – Structure is located on a Full Maintenance Road?<br><input checked="" type="checkbox"/> True <input type="checkbox"/> False – Roadway does not terminate into a field entrance, driveway, single residence, farm, or ranch?<br><input checked="" type="checkbox"/> True <input type="checkbox"/> False – Local Public Agency (LPA) is in full compliance with Federal and State NBIS requirements?<br><input checked="" type="checkbox"/> True <input type="checkbox"/> False – General maintenance been performed on the structure?<br>For PE completed by Local: Include a Type, Size, & Location (TS&L) report with application |   |
| <b>Work Description</b>  | <p><u>The existing structure is in poor condition due largely to the condition of the concrete deck and the section loss in the steel beams. The structure is posted (31-52) due to the rating factor for the SU7 being less than 1.0. The proposed work would include a site survey and hydraulic analysis to determine structure sizes for replacement options, selection of an acceptable structure size and layout, development of construction plans for a new structure and approach grading, and construction of the replacement structure. The existing structure is a 92.0' three-span steel beam bridge (no skew) with a concrete deck, reinforced concrete abutment and pier walls, and a 30.0' clear roadway. For estimating purposes, a 138.0' three-span continuous concrete bridge, 0° skew, with concrete bents and abutments, and a 30.0' clear roadway, is being considered.</u></p>   |   |
| <b>LPA Authorization</b> | LPA Contact (print) _____<br>Contact email and phone number: _____<br>Attach resolution from Commission/Council authorizing application for grant.   |   |