

#20-28

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 06-141-090
Approx. 7.0 N and 2.9 W of Brookings on 205th Street (44.41318N, -96.84616W)

LIST OF CURRENT LANDOWNERS ADJACENT TO THE PROJECT (NAMES & ADDRESSES): James and Suzanne Hegg, 46765 205th St., Bruce, SD 57220; John and Linda Vandeweerd, 46833 205th St., Bruce, SD 57220.

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, 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.

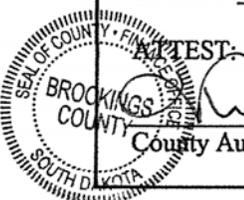
NOW THEREFORE BE IT RESOLVED:

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: \$ 840,000
Federal Share (81.95%): \$ 688,380
Local Share (18.05%): \$ 151,620

Vote of Commissioners/Council: Yes 5 No 0

Dated at Brookings, SD, this 4th day of June, 2020.



TEST: Mike Busch
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

Must be postmarked by June 12, 2020

Identification	NBI Structure # 000000006141090	Federal Aid Route Number: NA
	Owner: Brookings County	Over: North Deer Creek
	Location: 7.0 N and 2.9 W of Brookings	Road/Street/Avenue Name: 205th Street
	Preliminary Engineering: <input type="checkbox"/> Completed by Local OR <input type="checkbox"/> Completed by BIG Grant PCN _____ OR <input checked="" type="checkbox"/> To be included with this program	
Eligibility	<p>All Projects: (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? <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) <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? <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? <input checked="" type="checkbox"/> True <input type="checkbox"/> False – Bridge site currently has access and no issues with initiating field survey work? <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 <input checked="" type="checkbox"/> True <input type="checkbox"/> False – Structure serves multiple residences, farms, ranches or a multi-lot development? <input checked="" type="checkbox"/> True <input type="checkbox"/> False – Structure is located on a Full Maintenance Road? <input checked="" type="checkbox"/> True <input type="checkbox"/> False – Roadway does not terminate into a field entrance, driveway, single residence, farm, or ranch? <input checked="" type="checkbox"/> True <input type="checkbox"/> False – Local Public Agency (LPA) is in full compliance with Federal and State NBIS requirements? <input checked="" type="checkbox"/> True <input type="checkbox"/> False – General maintenance been performed on the structure? For PE completed by Local: Include a Type, Size, & Location (TS&L) report with application	
Work Description	<p><u>The existing structure is in poor condition due largely to the condition of the substructure. The structure is also too narrow for modern farm equipment and is posted below legal loads (22-33). 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 41.5' single-span steel pony truss bridge (no skew) with a corrugated metal deck, one reinforced concrete abutment and one steel/timber pile abutment, and a 17.9' clear roadway. For estimating purposes, a 4-12'x7' CIP Box Culvert, 0° skew and a 38' barrel (40' overall) is being considered.</u></p>	
LPA Authorization	LPA Contact (print) _____ Contact email and phone number: _____ Attach resolution from Commission/Council authorizing application for grant.	