



**Department of Transportation**  
**Division of Planning and Engineering**  
**Administration Program**  
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**MEMORANDUM**

DATE: February 17, 2021

TO: Mike Behm, Director  
Division of Planning and Engineering

FROM: Tammy Williams, Program Manager  
Office of Administration

SUBJECT: **Transportation Commission Meeting – February 25, 2021**

**Consideration of 2021 Local Bridge Replacement and Removal Programs**

The attached fact sheets for the proposed 2021 Local Federal Bridge Replacement Program as well as the 2021 Local Bridge Removal Program are for consideration by the Transportation Commission.

cc: Attachments

**Apportionment of Highway Infrastructure Program Funds  
pursuant to the Department of Transportation Appropriations Act, 2021  
FACT SHEET**

- In 2019 South Dakota was allocated \$20,786,208 for the replacement or replacement of bridges listed in poor condition with the local share being \$17,313,000. DOT converted the local share to State Highway Funds and distributed the funds to counties and cities on a pro-rata basis based on the percentage of deck area in poor condition.
  - In mid-February 2020, South Dakota was allocated \$33,823,212 to be used for the replacement or rehabilitation of bridges listed in poor condition with the local share being \$25,875,000. In 2020, a **Local Federal Bridge Replacement Program** was initiated. Through an application process in April/May 2020, 49 local structures were chosen for replacement with the approval of the Transportation Commission. Designs are presently under way with the intent to let projects prior to September 2023.
  - In mid-January 2021, South Dakota was allocated \$28,151,415 to be used for the replacement or rehabilitation of bridges listed in poor condition. These funds are available for obligation until September 30, 2024.
  - Allocation is available to states for which the percentage of total deck area of bridges classified as in poor condition is at least 5% percent as determined based on the National Bridge Inventory as of December 31, 2018.
  - Overall South Dakota has approximately 19,272,125 sq. ft. overall deck area with approximately 1,867,226 sq. ft. considered to be in poor condition for a total of 9.69%
    - ✓ 2.30% State + 7.39% Local = 9.69% Total
  - State – 442,989 sq ft of deck area for structures rated in poor condition ( $0.433/1.867 = 23.724\%$ )
    - ✓ 51 Poor condition bridges/1823 total bridges on state highways
  - Local – 1,424,238 sq ft of deck area for structures rated in poor condition ( $1.424/1.867 = 76.276\%$ )
    - ✓ 976 Poor condition bridges/3921 total bridges on local roadways
- Owners share based on % deck area in poor condition:
- ✓ \$6,678,642 – State
  - ✓ \$21,472,773 - Local
- State Highway Funds are not available to convert and distribute to counties/cities/towns like was done in 2019.
  - As noted, in 2020 a new Local Federal Bridge Replacement Program was initiated with the criteria noted below which we will continue in 2021.
    - ✓ DOT will accept requests for bridge replacement projects by application – Due **April 9, 2021**
    - ✓ Poor condition bridges in **all** counties, cities and towns will be eligible

- ✓ A modification of the BIG Score will be used to rank (Local Planning element of BIG Score will not be included)
  - Bridge Condition (50 points)
  - User Impact (20 points)
  
- ✓ DOT will bundle and administer Preliminary Engineering (PE) – survey, hydraulics and design
  - State will select consultant and administer bundled contracts for professional services for survey, hydraulics, and design
  - Bundled construction contracts will be let through DOT – normal federal aid requirement
  - Construction engineering (CE) will be administered through DOT Area offices
  
- ✓ Preliminary Engineering, Construction and Construction Engineering – 81.95% Federal aid, 18.05% local match
  
- ✓ BIG Preliminary Engineering (PE) projects that are complete are eligible
  
- ✓ BIG Preliminary Engineering, Replacement, Rehabilitation, and Preservation projects that have been granted but not complete by **April 9, 2021** are not eligible

**Local Bridge Removal Program**  
**FACT SHEET**  
**March 2021**

- Local Bridge Removal Program
  - ✓ Currently there are approximately 93 local structures on the National Bridge Inventory (NBI) that are closed to all traffic. There are additional local structures on county, city and township public roads that meet the 20' bridge length criteria that have been taken off the NBI but are physically still in place but closed to traffic and there is no intention by the local government to replace.
  - ✓ If a structure is in place, even though closed, there may be liability or risk to the owner.
  - ✓ A resolution from the county to delete a structure from the NBI is currently available and an option. Once a structure is deleted from the NBI, federal and/or state funds are not available for a new installation should the owner decide to do so. A new structure can only be added to the inventory using other funds.
  - ✓ Federal aid is available to remove a structure if the owner makes the decision to close and remove the bridge. Those structures that have been taken off the NBI but are still physically in place are also eligible for removal under this program as long as the roadway has not been vacated.
  - ✓ DOT will accept requests for bridge removal projects by application – **Due April 9, 2021**. Submit applications and resolutions via email to [Wade.Dahl@state.sd.us](mailto:Wade.Dahl@state.sd.us)
  - ✓ Federal funds will cover 81.95% of the project with the local government providing 18.05% match.