

**PART 661—INDIAN RESERVATION
ROAD BRIDGE PROGRAM**

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§ 661.1 What is the purpose of this regulation?

The purpose of this regulation is to prescribe policies for project selection and fund allocation procedures for administering the Indian Reservation Road Bridge Program (IRRBP).

§ 661.3 Who must comply with this regulation?

Public authorities must comply to participate in the IRRBP by applying for preliminary engineering (PE), construction, and construction engineering (CE) activities for the replacement or rehabilitation of structurally deficient and functionally obsolete Indian Reservation Road (IRR) bridges.

§ 661.5 What definitions apply to this regulation?

The following definitions apply to this regulation:

Approach roadway means the portion of the highway immediately adjacent to the bridge that affects the geometrics of the bridge, including the horizontal and vertical curves and grades required to connect the existing highway alignment to the new bridge alignment using accepted engineering practices and ensuring that all safety standards are met.

Construction engineering (CE) is the supervision, inspection, and other activities required to ensure the project construction meets the project's approved acceptance specifications, including but not limited to: additional survey staking functions considered necessary for effective control of the construction operations; testing materials incorporated into construction;

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checking shop drawings; and measurements needed for the preparation of pay estimates.

Functionally obsolete (FO) is the state in which the deck geometry, load carrying capacity (comparison of the original design load to the State legal load), clearance, or approach roadway alignment no longer meets the usual criteria for the system of which it is an integral part.

Indian Reservation Road (IRR) means a public road that is located within or provides access to an Indian reservation or Indian trust land or restricted Indian land that is not subject to fee title alienation without the approval of the Federal government, or Indian and Alaska Native villages, groups, or communities in which Indians and Alaska Natives reside, whom the Secretary of the Interior has determined are eligible for services generally available to Indians under Federal laws specifically applicable to Indians.

Indian reservation road bridge means a structure located on an IRR, including supports, erected over a depression or an obstruction, such as water, a highway, or a railway, and having a track or passageway for carrying traffic or other moving loads, and having an opening measured along the center of the roadway of more than 20 feet between undercopings of abutments or spring lines of arches, or extreme ends of the openings for multiple boxes; it may also include multiple pipes, where the clear distance between openings is less than half of the smaller contiguous opening.

Life cycle cost analysis (LCCA) means a process for evaluating the total economic worth of a usable project segment by analyzing initial costs and discounted future costs, such as maintenance, user costs, reconstruction, rehabilitation, restoring, and resurfacing costs, over the life of the project segment.

National Bridge Inventory (NBI) means the aggregation of structure inventory and appraisal data collected to fulfill the requirements of the National Bridge Inspection Standards (NBIS).

Plans, specifications and estimates (PS&E) means construction drawings, compilation of provisions, and construction project cost estimates for the

performance of the prescribed scope of work.

Preliminary engineering (PE) means planning, survey, design, engineering, and preconstruction activities (including archaeological, environmental, and right-of-way activities) related to a specific bridge project.

Public authority means a Federal, State, county, town, or township, Indian tribe, municipal or other local government or instrumentality with authority to finance, build, operate, or maintain toll or toll-free facilities.

Public road means any road or street under the jurisdiction of and maintained by a public authority and open to public travel.

Structurally deficient (SD) means a bridge becomes structurally deficient when it reaches the set threshold of one of the six criteria from the FHWA NBI.

Structure Inventory and Appraisal (SI&A) Sheet means the graphic representation of the data recorded and stored for each NBI record in accordance with the Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges (Report No. FHWA-PD-96-001).

Sufficiency rating (SR) means the numerical rating of a bridge based on its structural adequacy and safety, essentiality for public use, and its serviceability and functional obsolescence.

§ 661.7 What is the IRRBP?

The IRRBP, as established under 23 U.S.C. 202(d)(4), is a nationwide priority program for improving structurally deficient and functionally obsolete IRR bridges.

§ 661.9 What is the total funding available for the IRRBP?

The statute authorizes \$14 million to be appropriated from the Highway Trust Fund in Fiscal Years 2005 through 2009.

§ 661.11 When do IRRBP funds become available?

IRRBP funds are authorized at the start of each fiscal year but are subject to Office of Management and Budget apportionment before they become available to FHWA for further distribution.

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§ 661.13 How long are these funds available?

IRRBP funds for each fiscal year are available for obligation for the year authorized plus three years (a total of four years).

§ 661.15 What are the eligible activities for IRRBP funds?

(a) IRRBP funds can be used to carry out PE, construction, and CE activities of projects to replace, rehabilitate, seismically retrofit, paint, apply calcium magnesium acetate, sodium acetate/formate or other environmentally acceptable, minimally corrosive anti-icing and deicing compositions, or install scour countermeasures for structurally deficient or functionally obsolete IRR bridges, including multiple pipe culverts.

(b) If a bridge is replaced under the IRRBP, IRRBP funds can be also used for the demolition of the old bridge.

§ 661.17 What are the criteria for bridge eligibility?

(a) Bridge eligibility requires the following:

- (1) Have an opening of 20 feet or more;
- (2) Be located on an IRR that is included in the IRR Inventory;
- (3) Be structurally deficient or functionally obsolete, and
- (4) Be recorded in the NBI maintained by the FHWA.

(b) Bridges that were constructed, rehabilitated or replaced in the last 10 years, will be eligible only for seismic retrofit or installation of scour countermeasures.

§ 661.19 When is a bridge eligible for replacement?

To be eligible for replacement, the bridge must be considered structurally deficient or functionally obsolete and must be in accordance with 23 CFR part 650.409(a) for bridge replacement. After an existing bridge is replaced under the IRRBP, it must be taken completely out of service and removed from the inventory. If the original bridge is considered historic, it must still be removed from the inventory, however the Tribe is allowed to request an exemption from the BIA Division of

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Transportation (BIADOT) to allow the bridge to remain in place.

§ 661.21 When is a bridge eligible for rehabilitation?

To be eligible for rehabilitation, the bridge must be considered structurally deficient or functionally obsolete and must be in accordance with 23 CFR part 650.409(a) for bridge rehabilitation. A bridge eligible for rehabilitation may be replaced if the life cycle cost analysis is conducted which shows the cost for bridge rehabilitation exceeds the replacement cost.

§ 661.23 How will a bridge project be programmed for funding once eligibility has been determined?

(a) All projects will be programmed for funding after a completed application package is received and accepted by the FHWA. At that time, the project will be acknowledged as either BIA and Tribally owned, or non-BIA owned and placed in either a PE or a construction queue.

(b) All projects will be ranked and prioritized based on the following criteria:

- (1) Bridge sufficiency rating (SR);
- (2) Bridge status with structurally deficient (SD) having precedence over functionally obsolete (FO);
- (3) Bridges on school bus routes;
- (4) Detour length;
- (5) Average daily traffic; and
- (6) Truck average daily traffic.

(c) Queues will carryover from fiscal year to fiscal year as made necessary by the amount of annual funding made available.

§ 661.25 What does a complete application package for PE consist of and how does the project receive funding?

(a) A complete application package for PE consists of the following: the certification checklist, IRRBP transportation improvement program (TIP), project scope of work, detailed cost for PE, and SI&A sheet.

(b) For non-BIA IRR bridges, the application package must also include a tribal resolution supporting the project and identification of the required minimum 20 percent local funding match.

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(c) The IRRBP projects for PE will be placed in queue and determined as eligible for funding after receipt by FHWA of a complete application package. Incomplete application packages will be disapproved and returned for revision and resubmission along with a notation providing the reason for disapproval.

(d) Funding for the approved eligible projects on the queues will be made available to the Tribes, under an FHWA/Tribal agreement, or the Secretary of the Interior upon availability of program funding at FHWA.

§ 661.27 What does a complete application package for construction consist of and how does the project receive funding?

(a) A complete application package for construction consists of the following: a copy of the approved PS&E, the certification checklist, SI&A sheet, and IRRBP TIP. For non-BIA IRR bridges, the application package must also include a copy of a letter from the bridge's owner approving the project and its PS&E, a tribal resolution supporting the project, and identification of the required minimum 20 percent local funding match. All environmental and archeological clearances and complete grants of public rights-of-way must be acquired prior to submittal of the construction application package.

(b) The IRRBP projects for construction will be placed in queue and determined as eligible for funding after receipt by FHWA of a complete application package. Incomplete application packages will be disapproved and returned for revision and resubmission along with a notation providing the reason for disapproval.

(c) Funding for the approved eligible projects on the queues will be made available to the Tribes, under an FHWA/Tribal agreement, or the Secretary of the Interior upon availability of program funding at FHWA.

§ 661.29 How does ownership impact project selection?

Since the Federal government has both a trust responsibility and owns the BIA bridges on Indian reservations, primary consideration will be given to

eligible projects on BIA and Tribally owned IRR bridges. A smaller percentage of available funds will be set aside for non-BIA IRR bridges, since States and counties have access to Federal-aid and other funding to design, replace and rehabilitate their bridges and that 23 U.S.C. 204(c) requires that IRR funds be supplemental to and not in lieu of other funds apportioned to the State. The program policy will be to maximize the number of IRR bridges participating in the IRRBP in a given fiscal year regardless of ownership.

§ 661.31 Do IRRBP projects have to be listed on an approved IRR TIP?

Yes. All IRRBP projects must be listed on an approved IRR TIP. The approved IRR TIP will be forwarded by FHWA to the respective State for inclusion into its State TIP.

§ 661.33 What percentage of IRRBP funding is available for PE and construction?

Up to 15 percent of the funding made available in any fiscal year will be eligible for PE. The remaining funding in any fiscal year will be available for construction.

§ 661.35 What percentage of IRRBP funding is available for use on BIA and Tribally owned IRR bridges, and non-BIA owned IRR bridges?

(a) Up to 80 percent of the available funding made available for PE and construction in any fiscal year will be eligible for use on BIA and Tribally owned IRR bridges. The remaining funding in any fiscal year will be made available for PE and construction for use on non-BIA owned IRR bridges.

(b) At various times during the fiscal year, FHWA will review the projects awaiting funding and may shift funds between BIA and Tribally owned, and non-BIA owned bridge projects so as to maximize the number of projects funded and the overall effectiveness of the program.

§ 661.37 What are the funding limitations on individual IRRBP projects?

The following funding provisions apply in administration of the IRRBP:

(a) An IRRBP eligible BIA and Tribally owned IRR bridge is eligible for 100

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percent IRRBP funding, with a \$150,000 maximum limit for PE.

(b) An IRRBP eligible non-BIA owned IRR bridge is eligible for up to 80 percent IRRBP funding, with a \$150,000 maximum limit for PE and \$1,000,000 maximum limit for construction. The minimum 20 percent local match will need to be identified in the application package. IRR Program construction funds received by a Tribe may be used as the local match.

(c) Requests for additional funds above the referenced thresholds may be submitted along with proper justification to FHWA for consideration. The request will be considered on a case-by-case basis. There is no guarantee for the approval of the request for additional funds.

§ 661.39 How are project cost overruns funded?

(a) A request for additional IRRBP funds for cost overruns on a specific bridge project must be submitted to BIADOT and FHWA for approval. The written submission must include a justification, an explanation as to why the overrun occurred, and the amount of additional funding required with supporting cost data. If approved by FHWA, the request will be placed at the top of the appropriate queue (with a contract modification request having a higher priority than a request for additional funds for a project award) and funding may be provided if available.

(b) Project cost overruns may also be funded out of the Tribe's regular IRR Program construction funding.

§ 661.41 After a bridge project has been completed (either PE or construction) what happens with the excess or surplus funding?

Since the funding is project specific, once a bridge design or construction project has been completed under this program, any excess or surplus funding is returned to FHWA for use on additional approved deficient IRRBP projects.

§ 661.43 Can other sources of funds be used to finance a queued project in advance of receipt of IRRBP funds?

Yes. A Tribe can use other sources of funds, including IRR Program construction funds, on a project that has

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been approved for funding and placed on the queue and then be reimbursed when IRRBP funds become available. If IRR Program construction funds are used for this purpose, the funds must be identified on an FHWA approved IRR TIP prior to their expenditure.

§ 661.45 What happens when IRRBP funds cannot be obligated by the end of the fiscal year?

IRRBP funds provided to a project that cannot be obligated by the end of the fiscal year are to be returned to FHWA during August redistribution. The returned funds will be re-allocated to the BIA the following fiscal year after receipt and acceptance at FHWA from BIA of a formal request for the funds, which includes a justification for the amounts requested and the reason for the failure of the prior year obligation.

§ 661.47 Can bridge maintenance be performed with IRRBP funds?

No. Bridge maintenance repairs, e.g., guard rail repair, deck repairs, repair of traffic control devices, striping, cleaning scuppers, deck sweeping, snow and debris removal, etc., are not eligible uses of IRRBP funding. The Department of the Interior annual allocation for maintenance and IRR Program construction funds are eligible funding sources for bridge maintenance.

§ 661.49 Can IRRBP funds be spent on Interstate, State Highway, and Toll Road IRR bridges?

Yes. Interstate, State Highway, and Toll Road IRR bridges are eligible for funding as described in § 661.37(b).

§ 661.51 Can IRRBP funds be used for the approach roadway to a bridge?

(a) Yes, costs associated with approach roadway work, as defined in § 661.5 are eligible.

(b) Long approach fills, causeways, connecting roadways, interchanges, ramps, and other extensive earth structures, when constructed beyond an attainable touchdown point, are not eligible uses of IRRBP funds.

§ 661.53 What standards should be used for bridge design?

(a) Replacement—A replacement structure must meet the current geometric, construction and structural standards required for the types and volumes of projected traffic on the facility over its design life consistent with 25 CFR part 170, Subpart D, Appendix B and 23 CFR part 625.

(b) Rehabilitation—Bridges to be rehabilitated, as a minimum, should conform to the standards of 23 CFR part 625, Design Standards for Federal-aid Highways, for the class of highway on which the bridge is a part.

§ 661.55 How are BIA and Tribal owned IRR bridges inspected?

BIA and Tribally owned IRR bridges are inspected in accordance with 25 CFR part 170.504–170.507.

§ 661.57 How is a list of deficient bridges to be generated?

(a) In consultation with the BIA, a list of deficient BIA IRR bridges will be developed each fiscal year by the FHWA based on the annual April update of the NBI. The NBI is based on data from the inspection of all bridges. Likewise, a list of non-BIA IRR bridges will be obtained from the NBI. These lists would form the basis for identifying bridges that would be considered potentially eligible for participation in the IRRBP. Two separate master bridge lists (one each for BIA and non-BIA IRR bridges) will be developed and will include, at a minimum, the following:

- (1) Sufficiency rating (SR);
- (2) Status (structurally deficient or functionally obsolete);
- (3) Average daily traffic (NBI item 29);
- (4) Detour length (NBI item 19); and
- (5) Truck average daily traffic (NBI item 109).

(b) These lists would be provided by the FHWA to the BIADOT for publication and notification of affected BIA regional offices, Indian Tribal governments (ITGs), and State and local governments.

(c) BIA regional offices, in consultation with ITGs, are encouraged to prioritize the design for bridges that are structurally deficient over bridges

that are simply functionally obsolete, since the former is more critical structurally than the latter. Bridges that have higher average daily traffic (ADT) should be considered before those that have lower ADT. Detour length should also be a factor in selection and submittal of bridges, with those having a higher detour length being of greater concern. Lastly, bridges with higher truck ADT should take precedence over those which have lower truck ADT. Other items of note should be whether school buses use the bridge and the types of trucks that may cross the bridge and the loads imposed.

§ 661.59 What should be done with a deficient BIA owned IRR bridge if the Indian Tribe does not support the project?

The BIA should notify the Tribe and encourage the Tribe to develop and submit an application package to FHWA for the rehabilitation or replacement of the bridge. For safety of the motoring public, if the Tribe decides not to pursue the bridge project, the BIA shall work with the Tribe to either reduce the bridge's load rating or close the bridge, and remove it from the IRR inventory in accordance with 25 CFR part 170 (170.813).

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