

National Tribal Road Maintenance Symposium

Unit Cost Estimating Discussion

Rapid City, SD
May 16, 2024

Unit Cost Estimating for Road Maintenance

- ▶ TIBC Transportation Subcommittee, 2016
 - Established March 2016
 - Purpose to analyze, record, and develop data for road maintenance budget needs
 - Recommendation
 - Reporting Cost for each Maintenance Activity
 - A process of data reporting from the local tribal/agency level programs on actions and functions would give added credibility to budget requests
 - The data reporting should include costs for each maintenance activity

Project Cost Estimating/Unit Costs

▶ TIBC Transportation Subcommittee

◦ Recommendation

- Reporting Cost for each Maintenance Activity
 - Data reporting must be completely voluntary
 - Data tools could be made available to tribes to track this information from the BIA or could be possible using recommended data tools from tribes and current industry systems.
 - A consistent set of data would be gathered and reported to DOI/BIA for use by TIBC, OMB and USDOT. All tribes could participate, with emphasis on the 60 tribes that have 85+% of BIA roads/bridges

Project Cost Estimating/Unit Costs

- ▶ Reporting Cost for each Maintenance Activity
 - Data reporting should include, but not limited to, a specific set of data that could include:
 - Miles of BIA roads (and Tribal) maintained
 - By surface type, maintenance activity (blading of earth and gravel roads, paved road repairs, bridge maintenance and repairs), and hours of work on maintenance activities (mowing, snow/ice removal, bridge and administration)
 - Fuel Consumption/Reporting, Costs
 - Equipment Maintenance/ Repairs/Needs
 - Emergency Maintenance Costs
 - Total Costs of each activity
- ▶ This data would especially pinpoint individual emergency and snow removal activity costs.

Project Cost Estimating/Unit Costs

▶ TIBC Transportation Subcommittee

◦ Recommendation

- Reporting Cost for each Maintenance Activity
 - Full committee approval of Pilot for data collection on Great Plains Region
 - Purpose: To explore voluntary options for reporting RM data at a tribal level to identify an improved estimate for budget planning and needs (cost of maintaining facilities, cost of administration, and performance)

BIA – Study of Road Maintenance on Indian Land

**Road Maintenance Study
Sec. 14006**

Section 14006: Study of Road Maintenance on Indian Land

- ▶ Not later than 2 years from enactment of IIJA, the Secretary, in consultation with the Secretary of Transportation, shall carry out a study to evaluate:
 - the long-term viability and useful life of existing roads on Indian land;
 - any steps necessary to achieve the goal of addressing the deferred maintenance backlog of existing roads on Indian land;
 - programmatic reforms and performance enhancements necessary to achieve the goal of restructuring and streamlining road maintenance programs on existing or future roads located on Indian land; and
 - recommendations on how to implement efforts to coordinate with States, counties, municipalities, and other units of local government to maintain roads on Indian land.

Section 14006: Study of Road Maintenance on Indian Land

- ▶ Tribal consultation & input. Before the study begins:
 - Consult with Indian tribes that have jurisdiction over roads eligible for funding under the road maintenance program of the BIA; and
 - Solicit and consider the input, comments, and recommendations of the Indian tribes described above.
- ▶ Upon completion, the Secretaries shall submit the report to:
 - The Committee on Indian Affairs and Environment and Public Works of the Senate; and
 - The Committees on Natural Resources and Transportation and Infrastructure of the House of Representatives
- ▶ Status reports are due:
 - Not later than 2 years after the date of enactment of this Act, and
 - Not less frequently than every 2 years thereafter,
 - The Secretaries shall submit to the Committees on Indian Affairs, Environment and Public Works of the Senate and the Committees on Natural Resources and Transportation and Infrastructure of the House of Representatives

Section 14006: Study of Road Maintenance on Indian Land

- ▶ Tribal consultation & input. Before the study begins:
 - initial roll-out of “RM Study” performed at various Regional meetings and symposiums, as well as National level organizations (*TIBC, TTPCC*) in FY22 and early FY23
 - these sessions are ongoing
 - in-person symposiums/conferences have restarted
- ▶ Upon completion, the Secretaries shall submit the report to:
 - Report will be generated at conclusion consultations
- ▶ Status reports are due:
 - Not later than 2 years after the date of enactment

Section 14006: Study of Road Maintenance on Indian Land

- ▶ Status reports: Includes a description of:
 1. The progress made towards addressing the deferred maintenance needs of the roads on Indian land, including a list of projects funded during the fiscal period covered by the report;
 2. The outstanding needs of the roads that have been provided funding to address the deferred maintenance needs;
 3. The remaining needs of any of the projects referred to in the paragraph 1;
 4. How the goals described in subsection (b) have been met including
 - A. An identification and assessment of any deficiencies or shortfalls in meeting the goals; and
 - B. A plan to address the deficiencies or shortfalls in meeting the goals
 5. Any other recommendations provided by an Indian tribe under the consultation and input process under subsection (c) that the Secretary determines to be appropriate.