Purpose: Establish a workgroup of Bureau of Indian Affairs and TIBC members to analyze, record, and develop data for road maintenance budget needs. (Est. March 2016)

Dec. 2016: The subcommittee through the tribes in the Great Plains Region and BIA developed an online survey of tribes/BIA agency offices on road maintenance functions, costs, priorities and needs.

April 18, 2018: DOI and OMB approve distribution of road maintenance survey nationwide.

Sept. 30, 2018: Survey link is closed and data finalized.
Respondent Breakout

- Tribes: 123 (87%)
- BIA Agency/Regions: 19 (13%)
RM Survey Categories

- Respondent ID
- ASSESSMENT
- PRIORITIES
- TOP 3 RM ISSUES
- INVENTORY/ASSET MANAGEMENT
- TRAINING/COMPLIANCE
- PARTNERSHIPS
- SAFETY/SECURITY YARDS
- EXPENDITURES
- COST PER MILE
- VEHICLES/BUILDINGS
- TRAILS/PATHWAYS
PRIORITIES (highest to lowest)

- Snow/Ice Priority Activity
- Pavement Sealing
- Pavement Maintenance (potholes or pavement markings)
- Gravel Maintenance
- Remedial work on improved earth roads
- Signing
- ROW Maintenance (ditch mowing, tree removal, etc.)
- Culverts
Priority Road Maintenance Function/Activities

- Snow & Ice Removal
- Pavement Sealing
- Pavement Maintenance (potholes or pavement markings)
- Gravel Maintenance
- Remedial work on Improved Earth Roads
- Signing
- Right-of-Way Maintenance (ditch mowing, tree removal, etc.)
- Culverts
1- Snow/ice removal
2- Pavement maint.
3- Gravel Roads
4- Signing
5- Pavement sealing
6- ROW maint.
7- Culverts
8- Earthroad maint.
Top 3 Road Maint. Issues

- Funding – 125
- Equipment Needs – 95
- Paved Road Maint. – 69
- Winter Activities – 38
- Earth Road Maint. – 36
- Qualified Operators – 19
- Erosion Control/Dust – 15
- Training – 11
- Traffic Control – 9
- Bridge Maint. – 7
- Gravel Road Maint. – 1
- Storm Repairs – 1

Question: On your reservation, please identify the current 3 top road maintenance issues. Do this by checking 3 boxes to identify the top three in rank order by entering a "1", "2" or "3", of which 1 is of the highest priority.
Top 3 Road Maint. Issues

1. Funding
2. Equip. Needs
3. Paved Roads
Do you maintain a roadway inventory?

- Yes: 133/142

Do you maintain a roadway asset database to track items such as signs, surface conditions, guardrail, signals, or other roadway features?

- No: 88/142

What is your current data collection method(s)? (paper, electronic, both).

- Electronic: 13/142

Is the road maintenance data in electronic form and shareable?

- No: 95/142
Do you maintain data on road maintenance? (BIA and Tribal)

Yes: 108/142
EXPENDITURES

During FY 2017, how much did you spend on Road Maintenance – Program Management Tribal Priority Allocation (TPA)?
AMT: $24,750,000

During FY 2017, how much did you spend on Road Maintenance – Bridge Maintenance Tribal Priority Allocation (TPA)?
AMT: $680,000

During FY 2017, how much did you spend on Road Maintenance – Snow & Ice Removal Tribal Priority Allocation (TPA)?
AMT: $5,200,000

During FY 2017, how much did you spend on Road Maintenance – Routine Maintenance & Administration Tribal Priority Allocation (TPA)?
AMT: $49,400,000
## TTP EXPENDITURES IN FY 16 & FY17– at a glance

<table>
<thead>
<tr>
<th></th>
<th>Fiscal Year</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety (non-construction)</td>
<td>$1.16 M</td>
<td>$2.08 M</td>
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<tr>
<td>Transit (non-construction)</td>
<td>$6.29 M</td>
<td>$7.58 M</td>
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<tr>
<td>Administration</td>
<td>$23.78 M</td>
<td>$38.8 M</td>
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<tr>
<td>Maintenance</td>
<td>$34.73 M</td>
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<tr>
<td>Planning</td>
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<td>$14.89 M</td>
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<tr>
<td>Other Non-Construction</td>
<td>$1.75 M</td>
<td>$3.66 M</td>
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<tr>
<td>Active Design/Construction Projects</td>
<td>$188.78 M</td>
<td>$183.9 M</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$267.48 M</strong></td>
<td><strong>$298.17 M</strong></td>
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</table>
Provide an estimate of the cost per mile of maintaining gravel roads in your area.
- AMT: $4,400

Provide an estimate of the cost per mile of maintaining earth roads in your area.
- AMT: $3,100

Provide an estimate of the cost per mile of maintaining asphalt/paved roads in your area.
- AMT: $14,100

What is the dollar value of your deferred maintenance for your road maintenance?
- AMT: $498,000,000