


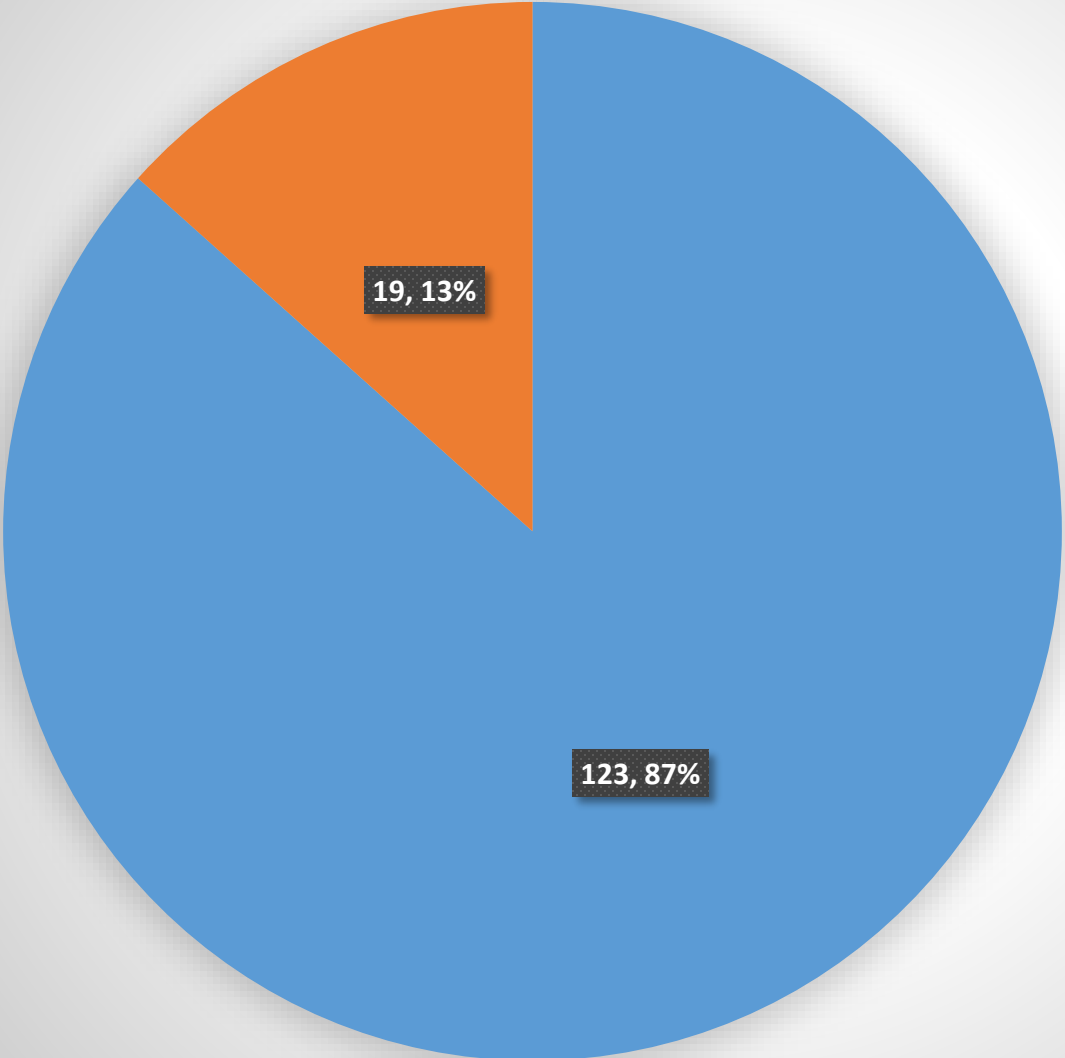
Tribal Interior Budget Council Subcommittee on Road Maintenance

TIBC Road Maintenance Subcommittee Meeting
Washington Plaza Hotel, Thomas Circle, Wash DC
November 15, 2018

Road Maintenance Subcommittee

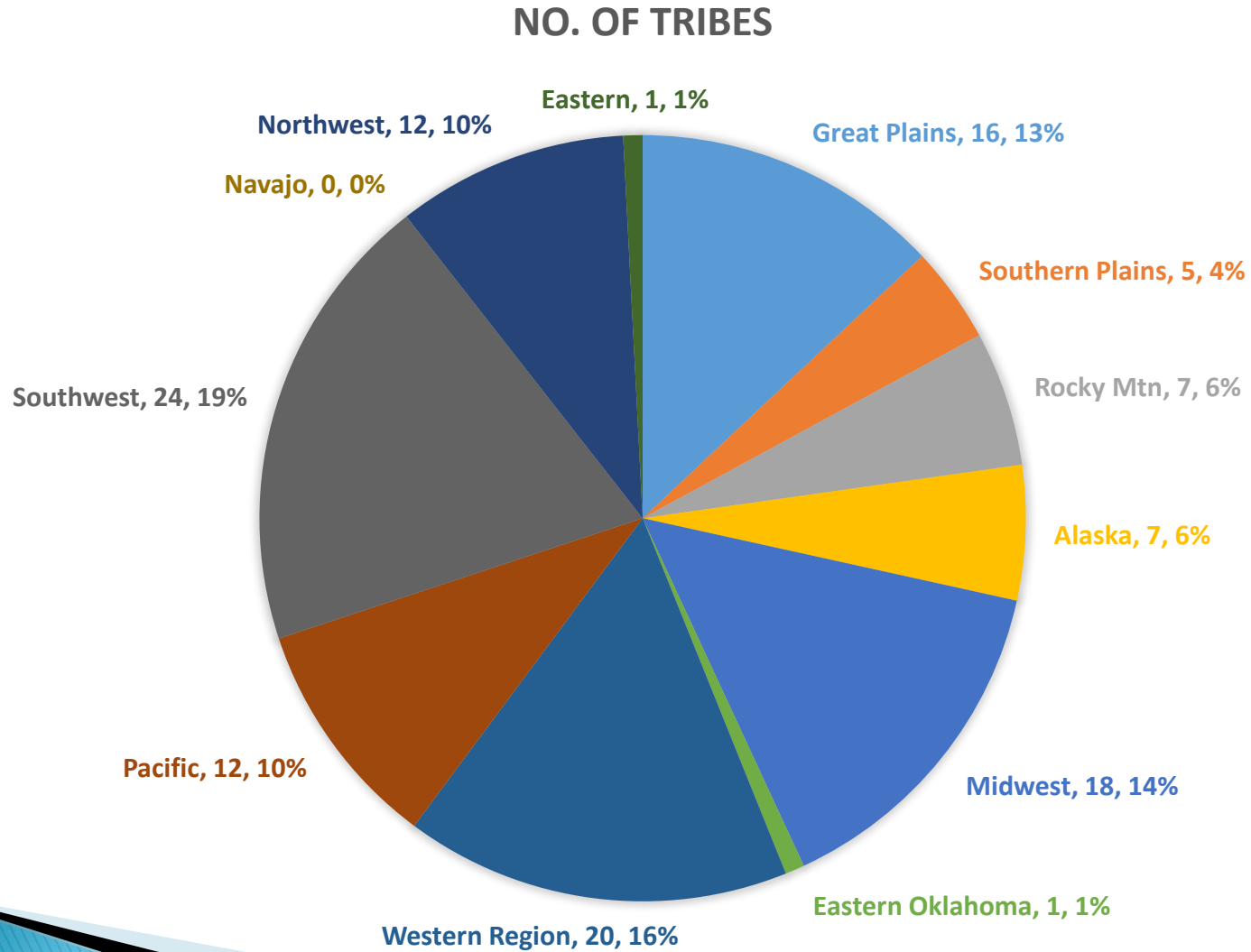
- ▶ Purpose: Establish a workgroup of Bureau of Indian Affairs and TIBC members to analyze, record, and develop data for road maintenance budget needs. (Est. March 2016)
 - ▶ Dec. 2016: The subcommittee through the tribes in the Great Plains Region and BIA developed a on-line survey of tribes/BIA agency 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.
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Respondent Breakout



- Tribes
- BIA Agency/Regions

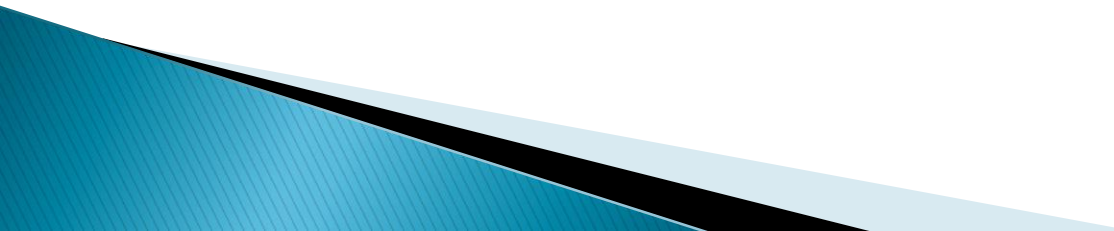
Participating Tribes by Region, RM Survey



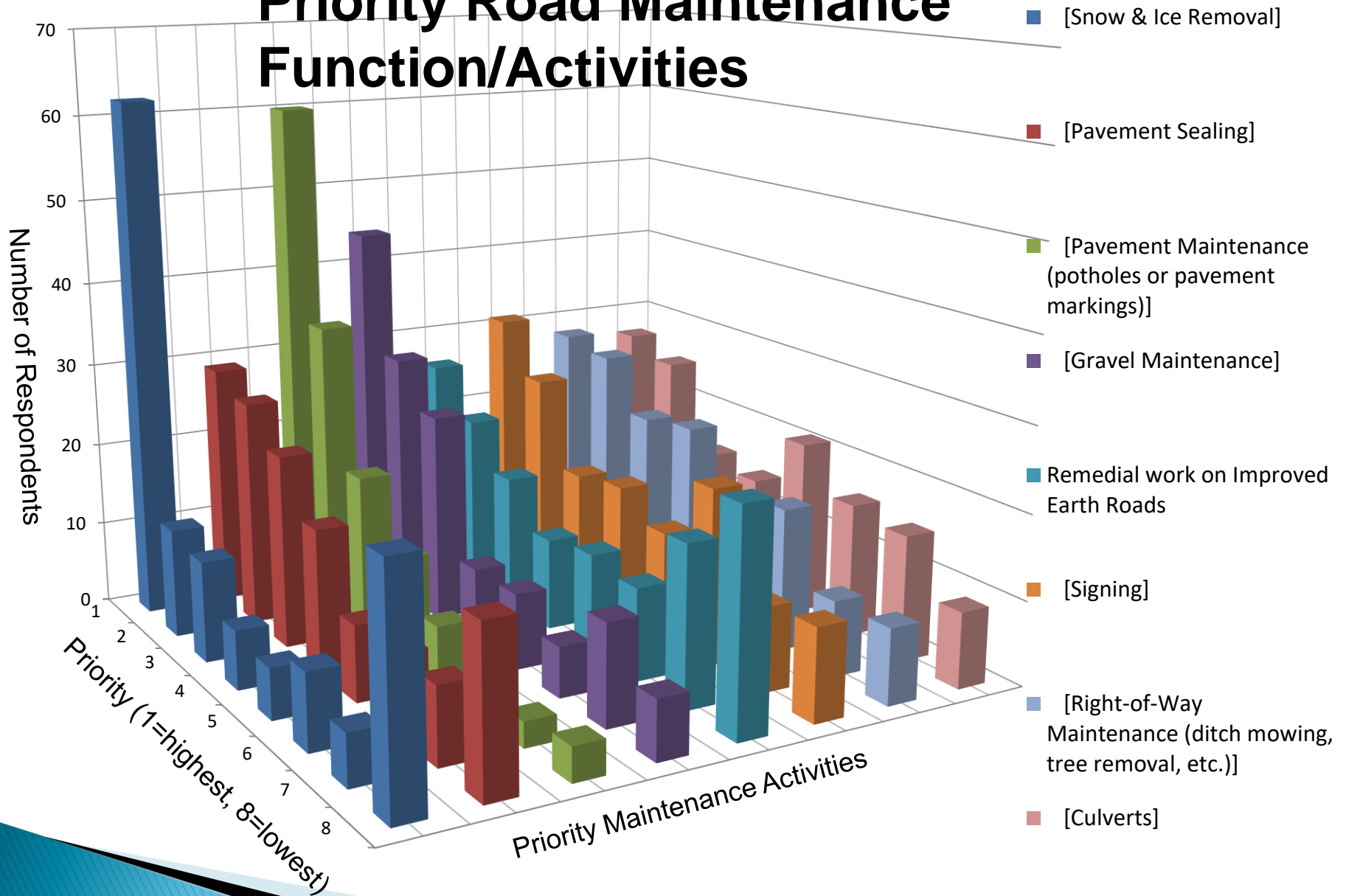
RM Survey Categories

- ▶ 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
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Priority Road Maintenance Function/Activities





1- Snow/ice removal



2-Pavement maint.



3-Gravel Roads



4-Signing



5-Pavement sealing



6-ROW maint.



7-Culverts



8-Earthroad maint.

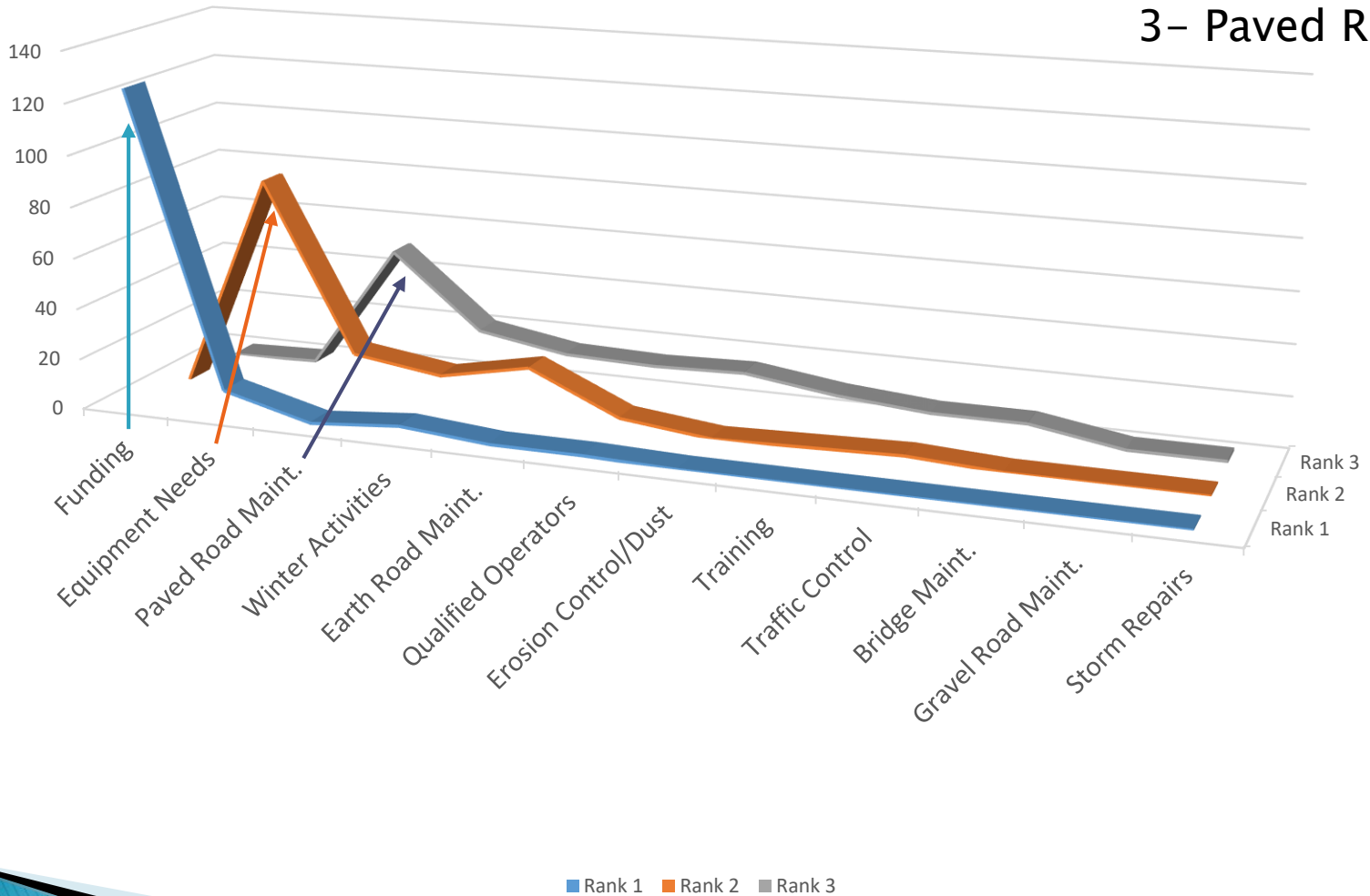
Top 3 Road Maint. Issues

- ▶ 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



INVENTORY / ASSET MANAGEMENT

▶ 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

MAINTAIN DATA ON ROAD MAINT.

- ▶ 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 – **Routine Maintenance** & Administration Tribal Priority Allocation (TPA)?
- ▶ AMT: \$49,400,000

- ▶ During FY 2017, how much did you 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 – **Bridge Maintenance** Tribal Priority Allocation (TPA)?
- ▶ AMT: \$680,000

TTP EXPENDITURES IN FY 16 & FY17– at a glance

Fiscal Year	2016	2017
Safety (non-construction)	\$1.16 M	\$2.08 M
Transit (non-construction)	\$6.29 M	\$7.58 M
Administration	\$23.78 M	\$38.8 M
Maintenance	\$34.73 M	\$47.26 M
Planning	\$10.99 M	\$14.89 M
Other Non-Construction	\$1.75 M	\$3.66 M
Active Design/Construction Projects	\$188.78 M	\$183.9 M
Total	\$267.48 M	\$298.17 M

COST PER MILE (MAINTAINED)

- ▶ 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