



2025 NATIONAL TRANSPORTATION IN INDIAN COUNTRY CONFERENCE

LOCATING, VALUING, AND MAINTAINING YOUR TTP ROAD

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- Overview:
- The assets we build have value.
- Specifically, our transportation assets create value in our communities.
- We must plan on value replacement through capital expenditure.
- We must plan on maintaining these valuable assets through prudent care and value programming judgements.
- More simply, if we had unlimited funds or revenue streams we would not have to worry about maintenance!

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GENERAL TERMS

Three key technical definitions

HPMS

- Highway Performance Management System - Field Manual Available

MMIRE

- Model Minimum Inventory of Roadway Elements

RIFDS

- Road Inventory Field Data System
- 100 Million Dollar Question. Why are they important?

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GETTING DOWN TO BUSINESS

How can I use those manuals and guides to understand the value I have in my TTP Roadway network or system.

- The manuals are great documents to help us with our roadway networks and to help us preserve those networks while understanding that the decrease in the value of those roadway assets must be tracked, traced, identified and funded for maintenance and preservation.
- If we don't track it, we do not know its worth and we cannot then request funds from our transportation partners.
- This session will focus on a commonsense approach to locating (tracking), valuing, and maintaining our roadway infrastructure components.

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GENERAL TOPICS

Learning Point One

LOCATING YOUR ASSETS

TAMs (Transportation Asset Management System)

- What's in your TAMs Database
- Adding Assets as you Go
- What is in Asset Valuation Spreadsheet

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GENERAL TOPICS

Learning Point Two

VALUING YOUR ASSETS and ROADWAY ASSET ESTIMATES

- Basic Roadway Maintenance Estimating/Costing
- Basic Annual Costing Update
- Basic Roadway Maintenance Forecasting/Costing

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GENERAL TOPICS

Learning Point Three

MAINTENANCE BUDGETING

- Using TAMs for next years Maintenance Projects
- Prioritizing or Balancing Budget with Maintenance Needs
- Using TAMs for Advance Budget Planning (5 Year Cycle)

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EXAMPLE LOCATING YOUR ASSETS

Learning Point One

LOCATING YOUR ASSETS - Overview -

CRAIG TOM developing GIS data controls for locating your assets in your system
TAMs (Transportation Asset Management System)

Building your database using required coding
(External Software Connection- Demonstration)

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EXAMPLE ESTIMATING YOUR ASSETS

Learning Point Two: You are going to help me , please get your pens and keep track of the data for me, we will need it in this Learning Point.

- Basic Roadway Maintenance Estimating/Costing
- Basic Annual Costing Update
- Basic Roadway Maintenance Forecasting/Costing

Tools- spreadsheets, cost and price databases, personnel costs for work or projects, equipment costs for work or projects.

(External Demonstration Using the TOOLS and References)

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EXAMPLE PROGRAMMING YOUR ASSETS FOR MAINTENANCE

Learning Point Three: You are going to help me , please get your pens and keep track of the data for me, we will need it in this Learning Point.

MAINTENANCE BUDGETING

- Using TAMs for next years Maintenance Projects
- Prioritizing or Balancing Budget with Maintenance Needs
- Using TAMs for Advance Budget Planning (5 Year Cycle)

Tools- spreadsheets, cost and pricing ahead or projections, basic budget programing.
(External Demonstration using the tools)

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KEY TAKEAWAY

Your roadway assets really help your communities thrive

- We have to protect what we build.
- We have to maintain what we build.
- We have to track what we build.
- You don't have to be perfect to start, you just need to start!
- Last and most important, Keep It Simple by breaking down components!

• QUESTIONS?

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