



**TDOT**  
Department of  
Transportation



## TENNESSEE P3 PROGRAM AND ASSEST MAINTENANCE PROJECTS

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November 7, 2023

# Transportation Modernization Act

## Public-Private Partnerships (P3)



Partner with private sector to build **NEW** lanes on congested, urban highways



Frees up state funds for more projects in rural communities

## Expand Alternative Delivery



**30-50%** faster delivery



**40%** cost savings

## Electric Vehicle (EV) Parity



Create parity between combustion engine vehicles and EVs



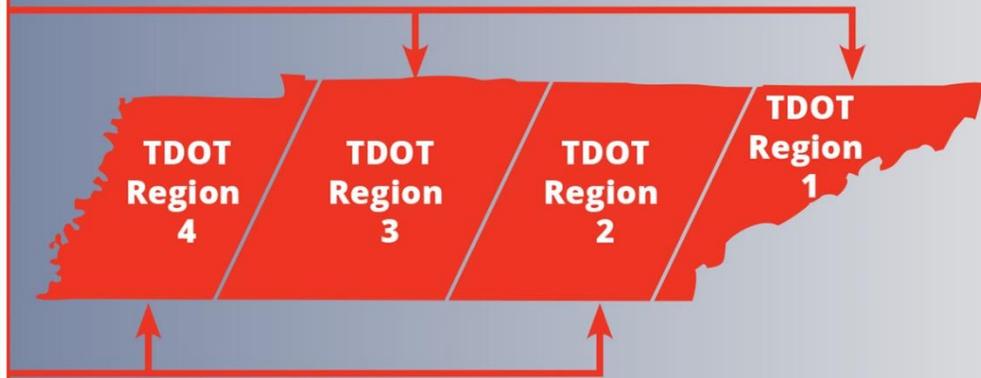
Allows TDOT to keep pace building and maintaining roads

# FY24 Budget – Transportation Investments

**\$3 Billion  
Total**  
Proposed Allocated  
to State  
Transportation  
Projects

**\$750 Million  
for EACH Region**

- IMPROVE Act Acceleration
- Rural Interstate Widening
- Major Urban Congestion Projects
- Statewide Partnership Program Projects
- Safety and State of Good Repair Acceleration
- Economic Development Projects



**\$300 Million**  
for State Aid Program

*Flows to counties for local  
transportation projects*

# Priorities

## Program Definition by December 2023



- Evaluate IMPROVE Act projects to determine prioritization and delivery method
- Analyze completed congestion studies

## Choice Lanes implementation plan and strategy



## Transportation Modernization Board (TMB) appointment strategy



- Initial members who don't serve ex officio begin on October 1, 2023

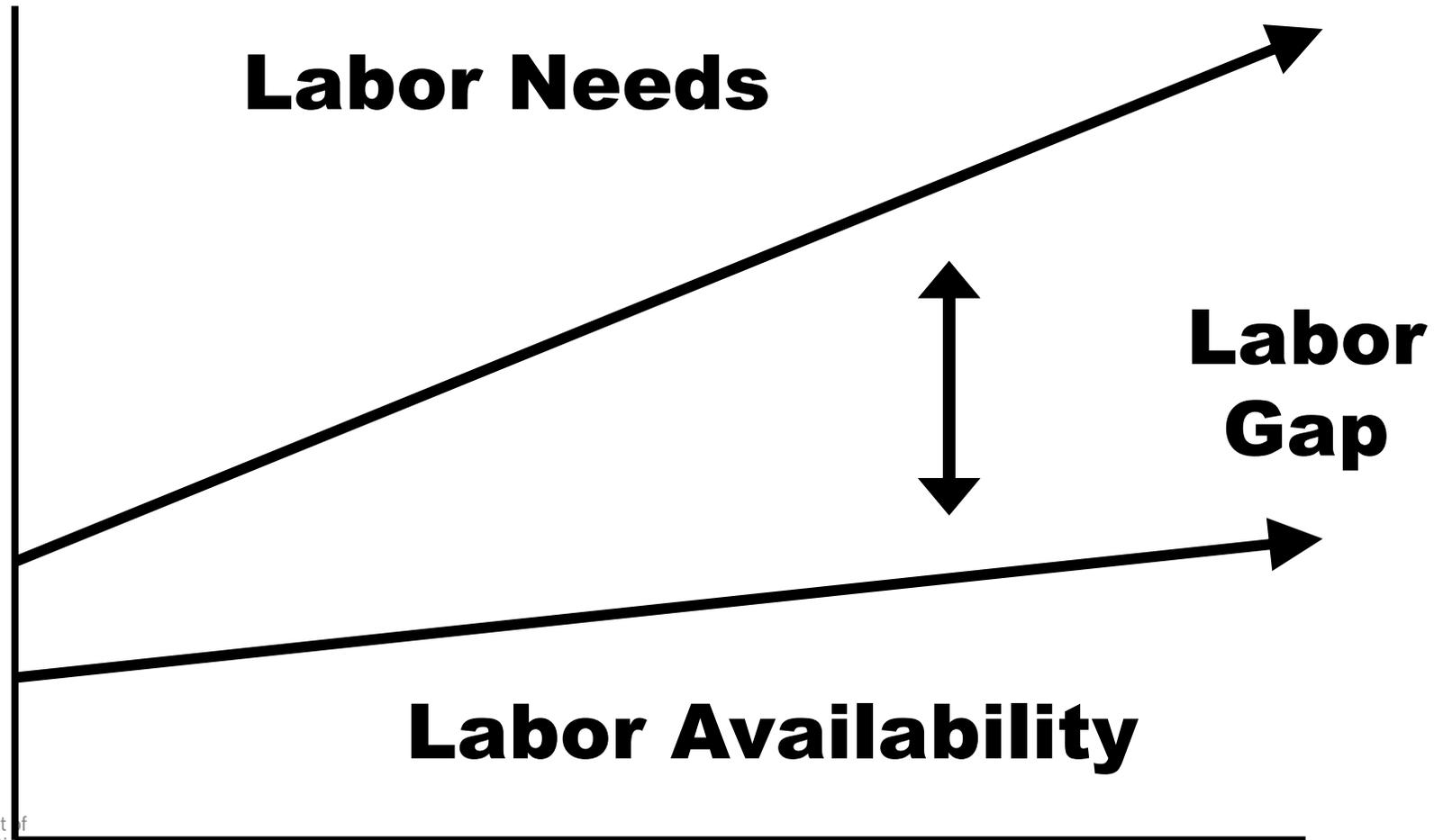
## Work with MPOs and Stakeholders



# TDOT PERFORMANCE-BASED MAINTENANCE CONTRACTS

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# The Problem: GETTING THE WORK DONE.



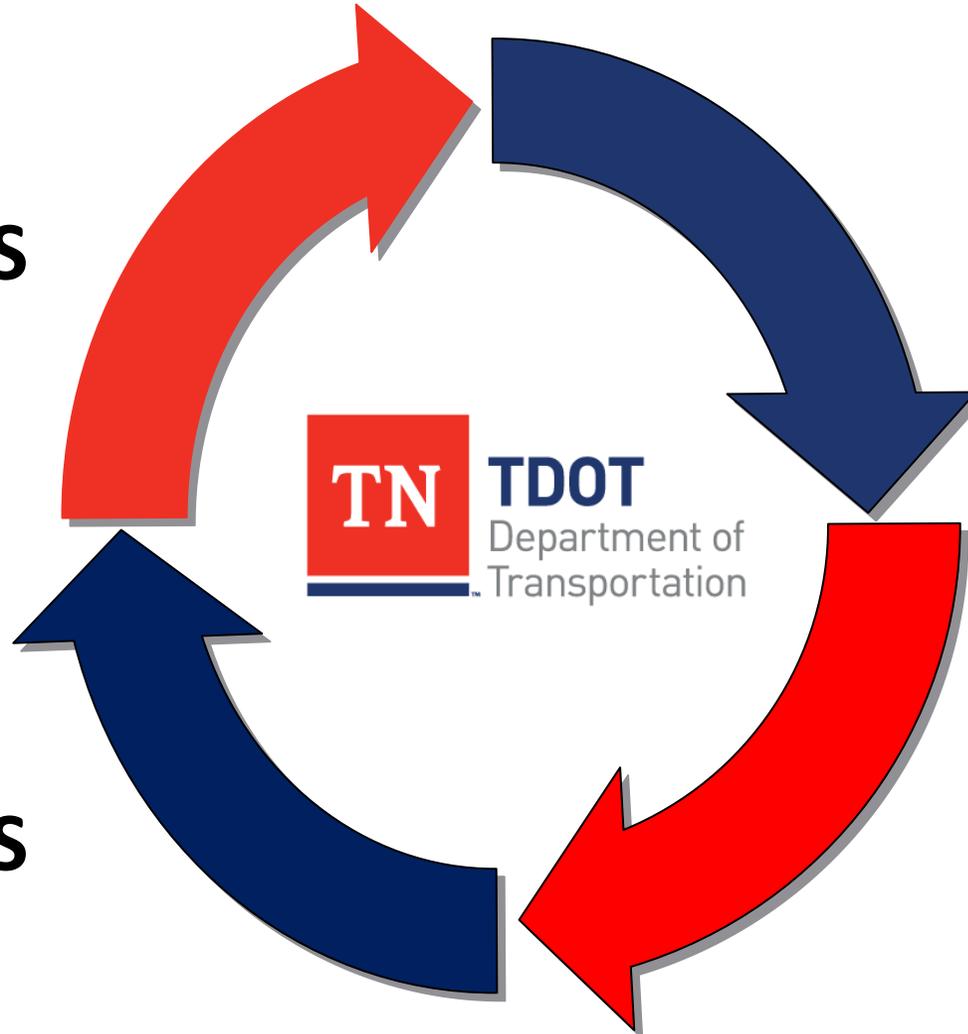
# THE PROBLEM - THE PERFECT STORM

**FUNDING  
CONSTRAINTS**

**AGING &  
DETERIORATED  
INFRASTRUCTURE**

**LABOR  
CONSTRAINTS**

**INCREASING  
FACILITY DEMAND**





# TDOT PBMC PROGRAM GOALS

- Accomplish More with Less – Getting the work done
- Measurable Levels of Service and Contractor Accountability
- Consistency of Service across County, District and Regions
- Reduced and Streamlined Administrative Burden
- Incentivize Innovation
- Fixed Long-term Price for Better Consistent Budgeting
- Better risk allocation
- Cost Saving

# **TDOT PBMC CONTRACTS**

- **Comprehensive “ROW to ROW” Scope**
- **Hybrid or Flexible Asset Management Services Contract Model**
  - **Majority Lump Sum and Performance Based**
  - **Limited Items – Prescribed Cycle or Unit Priced**
- **Long-term (5-years with two potential 2-year extensions)**
- **Appropriate Risk Transfer Provisions**
- **Best Value / Qualification Based Procurement**
- **Lump Sum / Fixed-Price**

# CURRENT PBMC SCHEDULE

TENTATIVE SCHEDULE	
ACTIVITY	DATE
Industry Forum	09/14/2023
Revise and Finalize RFP / Scope of Services	09/29/2023
RFP Advertisement	10/02/2023
Mandatory Pre-Proposal Meeting	10/19/2023
Technical and Price Proposals Due	11/27/2023
Technical Review Committee Meeting and Public Announcement Tech. Scores.	12/7/2023
Posting of Department's Decision to Award	12/20/2023
Anticipated Award Date	12/28/2023
Contract Start	04/01/2024

# TDOT STEPS TO REDUCE CONTRACTOR RISKS

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- Annual CPI Indexing
- Prescriptive Maintenance Activities
- Non-penalty phase-in period for certain deficient activities
- Optional Contractor Attendance of Quarterly MQA assessments

# TDOT STEPS TO REDUCE CONTRACTOR RISKS (continued)

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- Third Party Damage - Contractor responsible for all repairs but can pursue reimbursement via responsible party
- Contractor Financial Liability Caps for major non-recoverable damage and emergency / natural disaster response (>\$75,000 cap per incident and \$225,000 cap per year).
- TDOT Retained Snow and Ice Responsibility.

# PERFORMANCE BASED WITH QUARTERLY MQA RATINGS

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- Required MQA Overall minimum score = 80
- Required MQA Element minimum score = 75
- Required MQA Characteristic minimum score = 70

# CURRENT INTERSTATE MQA RATINGS



- A current baseline assessment was conducted in July/August 2023
- Random sample of 261 tenth-mile roadway segments on interstate highways in Region 3. (Directional N,S,E,W)
- Statistically valid with 90% confidence rate and  $\pm 5\%$  error.
- Ramps were included as samples
- Pass / Fail criteria on 23 roadway characteristics
- Characteristics and Elements are weighted (Values TBD)

# Interstate Scores

## Characteristics Summary

Region

Minimum  
Characteristic  
score = 70



Minimum Element  
score = 75



Element	Characteristic	Sections Passed	Sections Rated	Weight	Points Passed	Points Total	Characteristic Score
Drainage Structures	Curb and Gutter	9	9	0.000	0.000	0.0000	
	Inlets	45	72	0.040	1.800	2.8800	62.50%
	Miscellaneous Drainage Structures	20	85	0.020	0.400	1.7000	23.53%
	Pipes	33	47	0.140	4.620	6.5800	70.21%
	<b>Total</b>		<b>107</b>	<b>213</b>		<b>6.820</b>	<b>11.1600</b>
Paved Lanes	Paved Lanes – Asphalt	185	224	0.135	24.975	30.2400	82.59%
	Paved Lanes - Concrete	47	61	0.135	6.345	8.2350	77.05%
	Paved Shoulders (Rigid or Flexible)	229	247	0.030	6.870	7.4100	92.71%
	<b>Total</b>	<b>461</b>	<b>532</b>		<b>38.190</b>	<b>45.8850</b>	<b>83.23%</b>
Roadside	Brush and Trees	240	264	0.075	18.000	19.8000	90.91%
	Control Access Fence	94	129	0.015	1.410	1.9350	72.87%
	Guardrail / Cable Rail / Concrete Barrier	112	173	0.060	6.720	10.3800	64.74%
	Impact Attenuators	15	15	0.000	0.000	0.0000	
	Noise Walls and Retaining Walls	8	8	0.000	0.000	0.0000	
	<b>Total</b>	<b>469</b>	<b>589</b>		<b>26.130</b>	<b>32.1150</b>	<b>81.36%</b>
Traffic	Ground Signs & Overhead Signs	111	162	0.160	17.760	25.9200	68.52%
	Object Markers and Delineators	72	102	0.020	1.440	2.0400	70.59%
	Pavement Markings	248	256	0.000	0.000	0.0000	
	Words and Symbols	76	85	0.020	1.520	1.7000	89.41%
	<b>Total</b>	<b>507</b>	<b>605</b>		<b>20.720</b>	<b>29.6600</b>	<b>69.86%</b>
Unpaved Shoulders and Ditches	Front / Back Slope	220	262	0.015	3.300	3.9300	83.97%
	Lateral and Outfall Ditches (Unpaved Ditches)	179	191	0.045	8.055	8.5950	93.72%
	Paved Ditches	18	52	0.015	0.270	0.7800	34.62%
	Unpaved Shoulder Edge	130	252	0.075	9.750	18.9000	51.59%
	<b>Total</b>	<b>547</b>	<b>757</b>		<b>21.375</b>	<b>32.2050</b>	<b>66.37%</b>
Vegetation / Aesthetics	Graffiti	253	267	0.000	0.000	0.0000	
	Mowing	189	257	0.000	0.000	0.0000	
	Roadway Sweeping	221	228	0.000	0.000	0.0000	
	Turf Condition	258	258	0.000	0.000	0.0000	
	<b>Total</b>	<b>921</b>	<b>1010</b>	<b>0.000</b>	<b>0.000</b>	<b>0.0000</b>	

## Elements Summary

Element	Element Score
Drainage Structures	61.11
Paved Lanes	83.23
Roadside	81.36
Traffic	69.86
Unpaved Shoulders and Ditches	66.37

Region	Total Score
3	74.98
<b>Total</b>	<b>74.98</b>



Minimum Total  
score = 80

# TDOT BEST VALUE PROCUREMENT

- Two PBMC Projects will be procured simultaneously utilizing a Request for Proposal / Best Value Procurement Method
- Technical Qualifications will be weighted at 70% and 30% will be based on overall price.
- No single firm will be eligible to win more than one project per Region
- Technical Proposals limited to a 50-page limit.

# Questions

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