

- 1. What type of treatment and how often?
 - Existing State mileage;
 - Mobility Study added mileage.
- 2. Treatment costs
- 3. Analysis software status
- 4. Draft Pavement Needs Report Outline
- 5. 2030 Committee Q&A

2030 Pavement Needs Assessment

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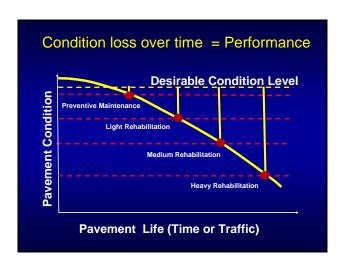












- Establish criteria that will trigger a given treatment level.
- Use PMIS data to develop performance trends by District.
- Predict future pavement condition.
- Identify treatments based on predicted Condition and trigger values.

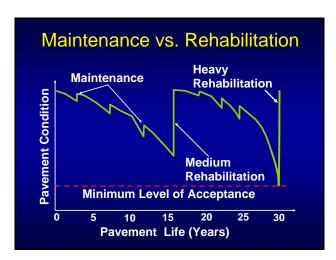


Table showing Example Treatment Costs Calc					
District	Route	Lane-miles	Treatment	Trtmt Cost	Summary
Paris	IH 30	140.0	Nothing	\$0	\$0
Paris	IH 30	40.0	PM	\$20,000	\$8,000,000
Paris	IH 30	20.0	Light Rb	\$80,000	\$16,000,000
Paris	IH 30	20.0	Medium Rb	\$200,000	\$4,000,000
Paris	IH 30	20.0	Heavy Rb	\$400,000	\$8,000,000
		240.0	т	otal Need = \$	36,000,000

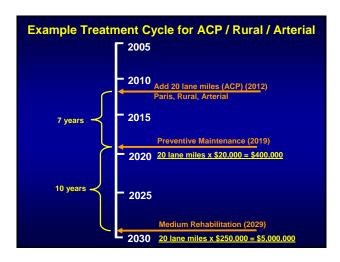
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Added Lane Miles from the TTI Mobility Study

(TxDOT	Rural or	Functional	Lane-miles
District	Urban	Class	(Year xxxx)
1	Rural	1-Highway	20
1	Rural	2-Arterial	100
1	Small Urban	16-Arterial	15
2	Urban	12-Freeway	200
2	Urban	14-Arterial	350
2	Rural	2-Arterial	20
3	Large Urban	14-Arterial	40
4	Large Urban	11-Interstate	15
4	Large Urban	16-Arterial	50
4	Rural	2-Arterial	30
etc			
etc			
etc			

2030 Pavement Needs Assessment

- Determine whether ACP or PCC pavement;
- Determine how to distribute added mileage by year.
- Apply treatments to added mileage based on a treatment cycle (inventory approach).
- Treatment cycle would depend on ACP or PCC, rural / urban, functional class and other factors.



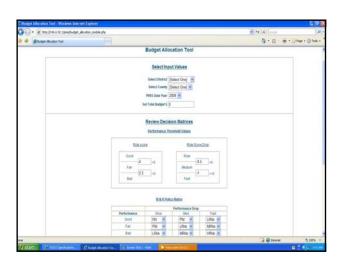
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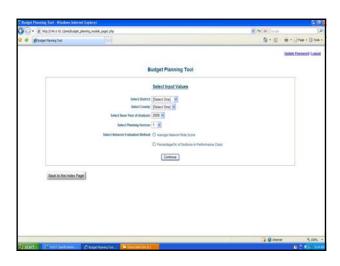


				Route Desi	gnations			
Contractor Name	FM		sн		us			
Treatment Types [Interest Dissertine Materiages Femples 1 Sec Cod 1 Marc Safaring							IH	
	Lower Street	Coult ger later mile	Lown Drand	Cost per lase subs	Court Bound	Cost per luie sale	Lower Dressed	Cost per la
	Opper Bound		Opper Dound		Opper Donal		Opper Dorect	
Teratherst 2: Light Fishabilitation Enumples: [1] 2" IMBAC Overlay with open level up. [2] Full Diopth Reputs on PCC pursuants.	Lower Street	Court per lane mile	Lower Steam	Cost per lase mile	Lower Book	Cost per lase mile	Lower Steam	Corre
	Upper Durand		Opper Stound		Opper Donal		Opper Doubl	
restance 2 - Medium Flohabilitation pamples: MSI restring vertices and apply seal herolog with 3" MMAC.	Lower Dressed	Court per lane mile	Lower Round	Cost per lass sale	Court Doubl	Cost per later mile	Lower Street	Cost per
Overlag with 2" HMAIC. 2] Full Digith Repair on PCC with 2" HMAIC. Develop.	Opper Dorsald		Opper Donald		Opper Doned		Opper Dorsel	
Treatment E. Hisony Fishabilitation Enamples: Mill contact, report and stability base, C	Lower Direct	Cost per lane mile	Lower Dressel	Cost per lase sole	Lewer Downel	Cost per lace mile	Loren Donald	Corre
MAC Overlag 1 MM Seriore, Full Depth Reputs on PCC promone, 8" 186AC Overlag	Opper Dorond		Spper Bound		Opper Street		Opper Downs	

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2030 Pavement Needs Assessment 1. What type of treatment and how often? • Existing State mileage; · Mobility Study added mileage. 2. Treatment costs 3. Analysis software status 4. Draft Pavement Needs Report Outline **2030 Pavement Needs Assessment Draft Outline for Pavement Needs Estimate Report** 1. Introduction and Statement of Objectives 2. Overview of TxDOT Pavement System 3. Pavement Condition Evaluation Methods 4. Pavement Treatment Levels and Triggers **Existing TxDOT Pavement System** Mobility Study - Added Mileage 5. Pavement Treatment costs **2030 Pavement Needs Assessment Draft Outline for Pavement Needs Estimate Report** 6. Determining Pavement Treatment Needs **Existing TxDOT Pavement System** Mobility Study - Added Mileage 7. Impact of different System Goals on Needs 8. Impact of limited funding on System Condition 9. Summary of 2030 Pavement Needs 10. Conclusions and Recommendations

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Thank you!

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