Bridge No. 50-277-015

LTBP InfoBridge condition forecast models

Figure 1. Bridge 50-277-015 Deck Condition Forecast

Bridge Information														
State Name (1): South Dakota	Structure Number (8): 00000050277015													
Data Condition Forecast														
 InfoBridge condition forecast models are the results of research performed by FHWA's Long-Term Bridge Performance Program. The Base Model is a statistical deterministic model. Survival and Machine Learning models are p items. InfoBridge users should not develop their bridge preservation/replacement program relying directly on models' output. Bridge owners are advised to consider additional site- and bridge-specific data when developing their Not all bridges have models associated with them. 														
Deck O Superstructure O Substructure														
Condition Forecast Graph ?														
Historical Data 🗹 Deck —														
Time in Condition Models - Other 9 8 	Id ● V Lower Bound ▲ V Mean ■ V Median ◆													
Condition Rating														
4														
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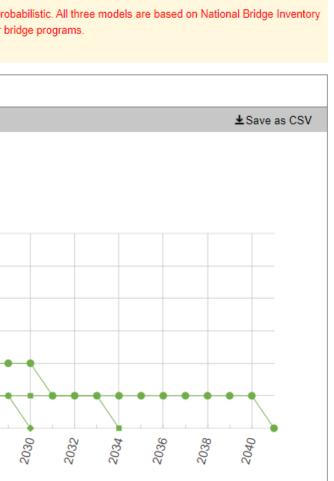


Figure 2. Bridge 50-277-015 Superstructure Condition Forecast

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Data Con	ndition Forecast														
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ne in Condition 9 8				′ear ♥ Up	per Bound	• Z Low	er Bound A	Mear	n 🔳 🗹 Me	edian 🔶					
me in Condition 9 8				′ear ♥ Up	per Bound	• Z Low	er Bound A	Mear	n 🔳 🔽 Me	edian •					
9 9 8 7 2				′ear ♥ Up	per Bound	• V Low	er Bound A	Meal	n 🔳 🗹 Me	edian •					
me in Condition 9 8				rear ♥ Up	per Bound	• Z Low	er Bound A	Mean	n	edian •					



Figure 3. Bridge 50-277-015 Substructure Condition Forecast

Bridge Inform	nation																					
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O Deck	O Superstrue	cture 🧿	Substruc	ture 🔻																		
Condition Fo	orecast Graph	n (?)																				
Historical Data	1	🗹 Subs	structure																			
Time in Conditi 9 — 8 —	ion Models - O	other 🗹 🛶 •	Forecast	t Start Yea	ar 🗹 Uppe	r Bound ●	Lower	Bound A	Mea	an 🔲 🔽	Media	1 •										
Condition Rating											\checkmark					•••		•••				
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3 -																						
1982	¹⁹⁸⁴ ¹⁹⁸⁶	¹⁹⁸⁸ 1990	¹⁹⁹²	1994	¹⁹⁹⁶ ¹⁹⁹⁸	2000	2002 2004	2006	2008	2012	2014	2016 2016	2020	V Year	2026	2028	2032	2034 2036	2038	2040	2044	2046

