

# Performance Measures and Targets

Pavement, Bridge and System Performance

# Federal/State Requirements

#### **FHWA Measures**

- Safety
  - Targets set in early 2023
- Infrastructure Condition
- System Reliability
- Freight Movement

Feds set measures, States set targets
\*MPOs have discretion







#### What's best for Pinellas?

- Must prioritize projects that help meet established targets
  - What outcomes do we want for our community?
  - As an MPO what discretion do we have?







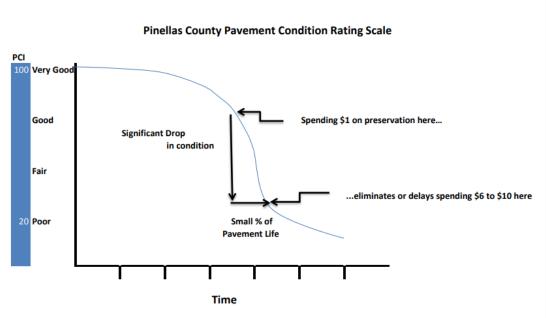
# NHS Roadways

- Measures only apply to NHS
  - Data provided by the State only covers NHS
  - Bridge and pavement condition responsibility of entity with jurisdiction
    - State
    - County
    - Clearwater





# **Pavement Condition**



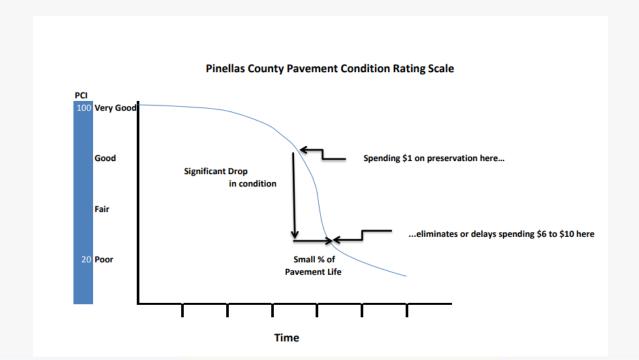






# **Pavement Condition**

Performance Measure	4 Year Target	Pinellas County 2021 Conditions
% of Interstate pavements in Good condition	60%	54.4%
% of Interstate pavements in Poor condition	5%	0.0%
% of non-Interstate NHS in Good condition	40%	40.8%
% of non-Interstate NHS in Poor condition	5%	1.1%





# Bridge Condition - 154 Total Bridges

		Pinellas County 2021
Performance Measure	4 Year Target	Conditions
%of NHS bridges classified as in Good condition by deck		
area	50%	65.2%
% of NHS bridges classified as in Poor condition by deck		
area	10%	0%







# **Travel Time Reliability**

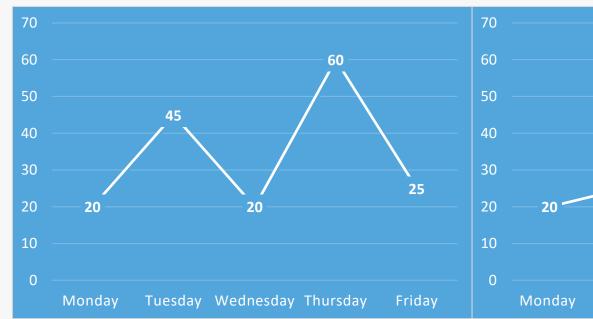
- Measures the predictability of the time it takes to travel a given corridor
- Roadways with highly unpredictable travel times are considered 'unreliable'
- Truck travel time in ratios
  - no person miles traveled and considers all travel periods

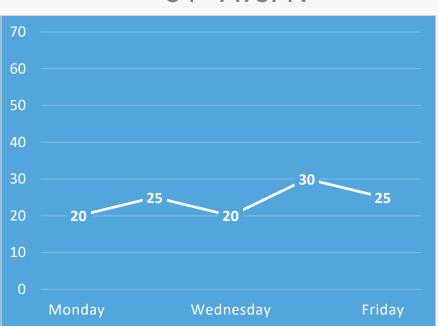


# **Travel Time Reliability**

Person A
US 19 southbound- Curlew
Rd to 118<sup>th</sup> Ave.

Person B
I-275 southbound – HFB to 54<sup>th</sup> Ave. N





unreliable reliable



# Travel Time Reliability

		Pinellas County 2021
Performance Measure	4 Year Target	Conditions
% of person-miles traveled on the Interstate that are		
reliable	70%	91.4%
% of person-miles traveled on the non-Interstate NHS that		
are reliable	50%	95.7%
Truck travel time reliability ratio (TTR) on the Interstate	2	1.55





# Staff Recommendation – *Support State Targets* – *except for one*

Performance Measure	4 Year Target	Pinellas County 2021 Conditions	Pinellas County 2023 Targets
% of Interstate pavements in Good condition	60%	54.4%	60%
% of Interstate pavements in Poor condition	5%	0.0%	5%
% of non-Interstate NHS in Good condition	40%	40.8%	60%
% of non-Interstate NHS in Poor condition	5%	1.1%	5%
%of NHS bridges classified as in Good condition by deck area % of NHS bridges classified as in Poor condition by deck area	50% 10%	62.5% 0%	50% 10%
% of person-miles traveled on the Interstate that are reliable % of person-miles traveled on the non-Interstate NHS	70%	91.4%	70%
that are reliable	50%	95.7%	50%
Truck travel time reliability ratio (TTR) on the Interstate	2	1.55	2 1



# Questions?

