

GOOD GOVERNMENT IN ACTION

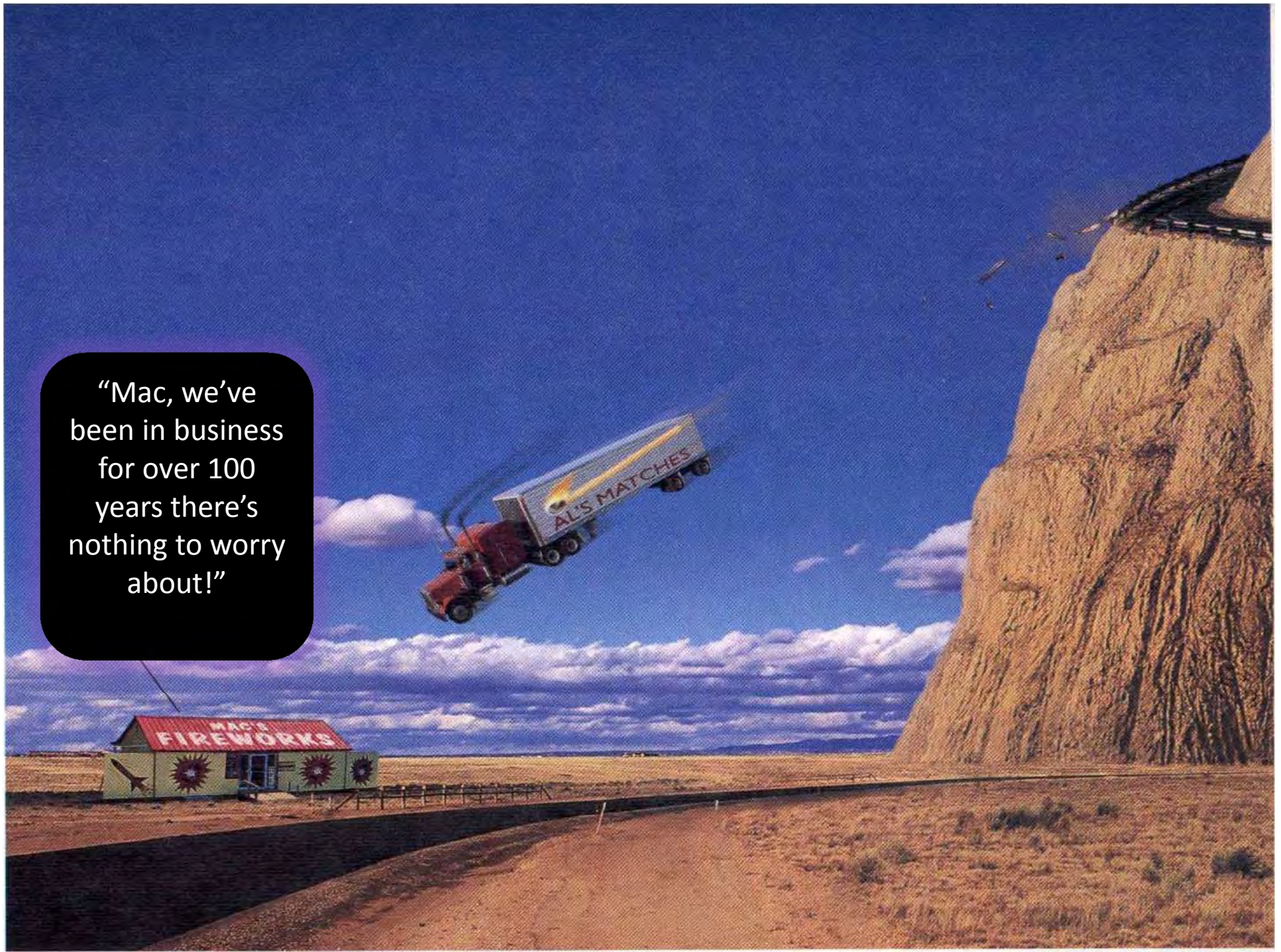
Michigan Department of Transportation Highway Operations Performance Management with User Delay Cost



 **MDOT**
Michigan Department of Transportation

WWW.MICHIGAN.GOV/MDOT

“Mac, we’ve
been in business
for over 100
years there’s
nothing to worry
about!”



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Transportation Operations Center



Third Party Data Provider

RITIS



1

3

4

User Delay Cost

Performance Measures

Congestion Scan

Bottleneck Ranking



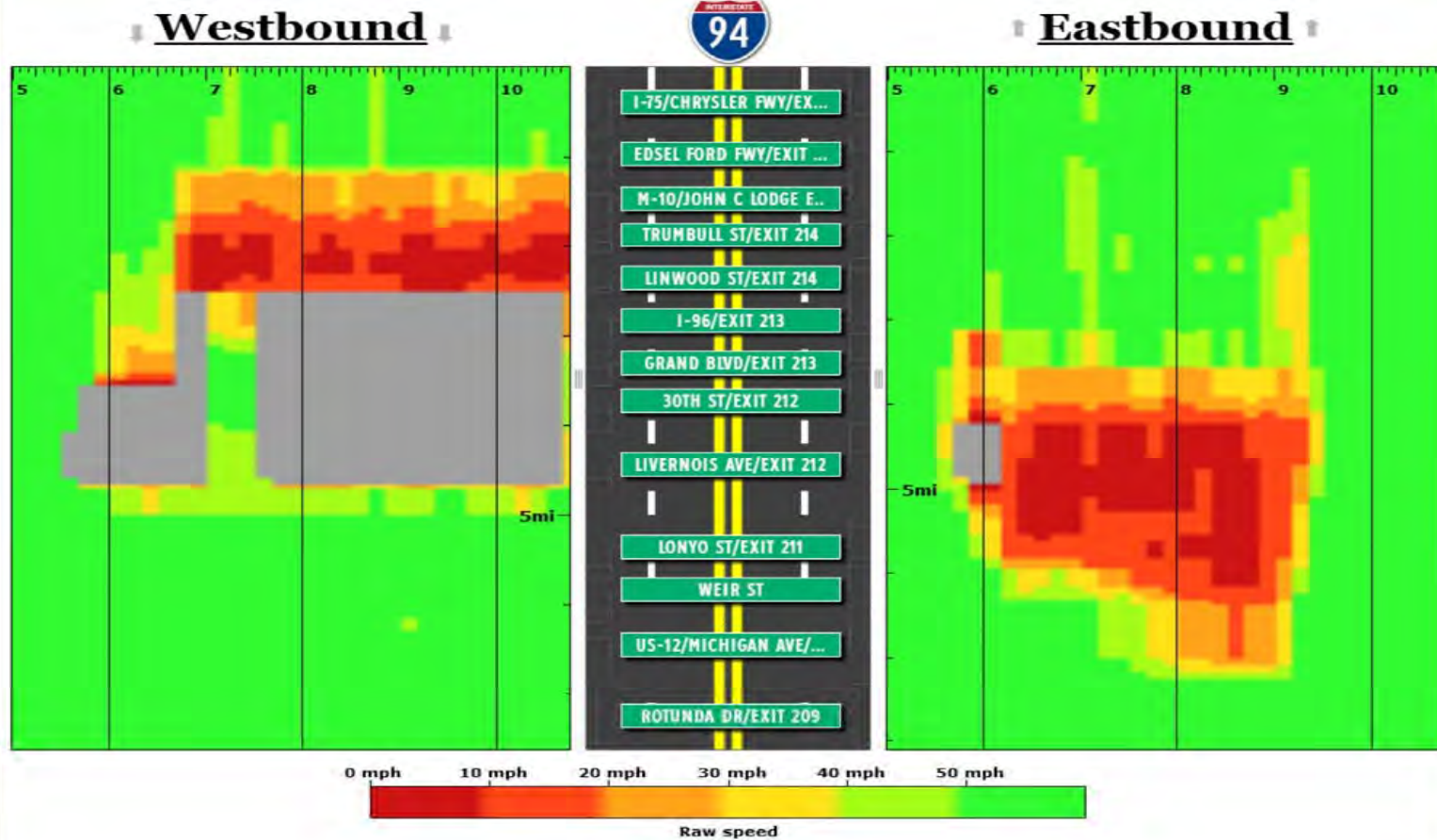
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RITIS – Congestion Scan

Speed on I-94 between ROTUNDA DR/EXIT 209 and I-75/CHRYSLER FWY/EXIT 216

Data shown is averaged on Nov 29, 2012 at 10 minute intervals.



Managing UDC with 4DX

WIG: Limit 2013 User Delay Cost to \$304.4 Million by 12/31/13

Winter Weather Lag:

Regain Time < 2 hours 80% of time

Lead 1:

Perform After Storm Huddles 80% of the time

Lead 2:

Compliance with Salting Policies 80% of the time

TIM Lag:

Limit the number of traffic incidents closing 1+ lanes lasting longer than 2 hours to 203

Lead 1:

Perform Post Incident Reviews 50% of the time

Work Zone Lag:

Limit Non-Recurring Construction UDC to \$80.3M

Lead 1:

Perform WZ Reviews 80% of the time

Lead 2:

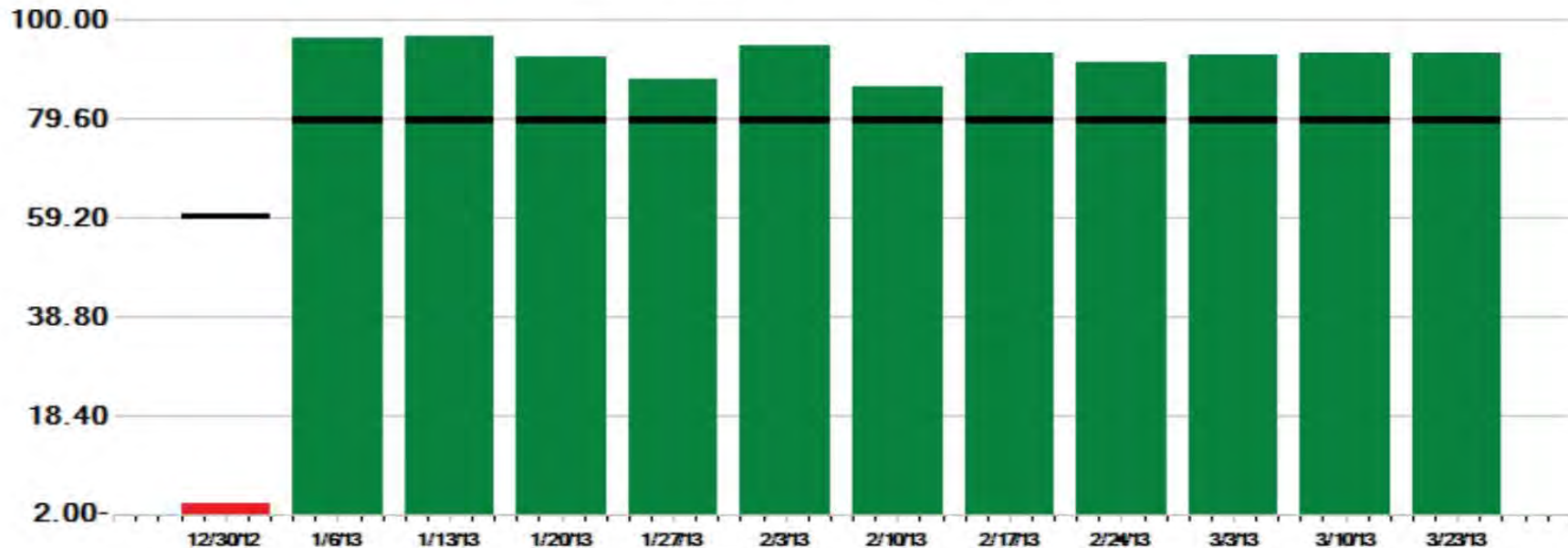
Compare Predicted vs. Actual UDC

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Scoreboard for Team: Statewide

Weather Travel Impacts

as of 3/23/2013: Current: 93.15% / Target: 80%



Regain normal speeds in two hours or less, 80 percent of the time for winter weather events.



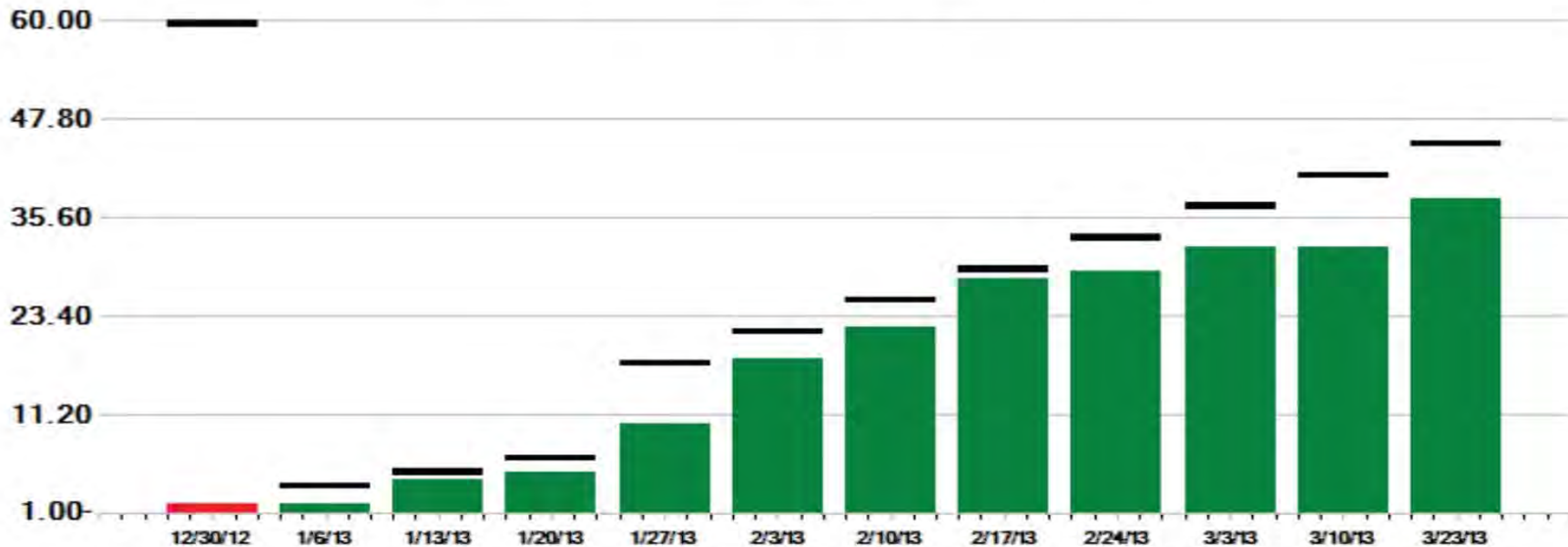
Green



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Scoreboard for Team: Statewide Traffic Incident Management

as of 3/23/2013: Current: 38 / Target: 45.17



Limit the number of traffic incidents closing one or more lanes lasting longer than two hours to 203.



Green

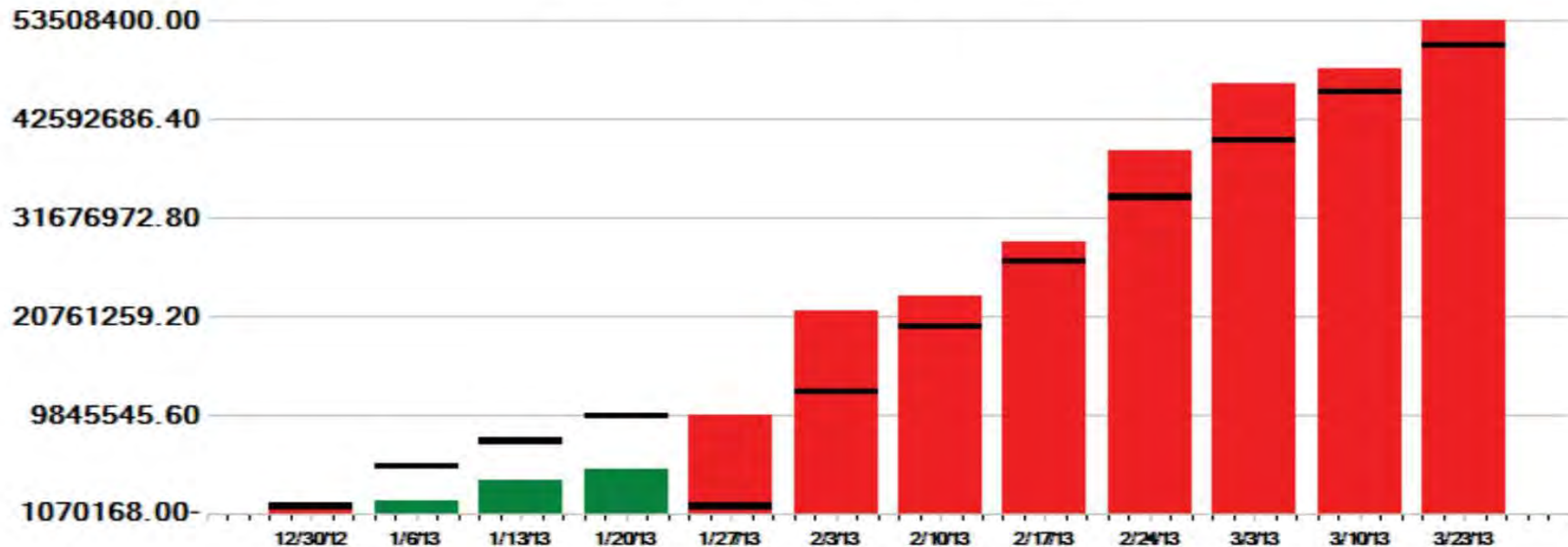


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Scoreboard for Team: Statewide

UDC Statewide

as of 3/23/2013: Current: \$53.51M / Target: \$51.18M



Limit the 2013 user delay cost to \$304.4 million, between 1/1/13 and 12/31/13.



Red



Continue to Improve

- Previous goal – Regain normal speeds in two hours or less, 80% of the time for winter weather events
- Proposed goal – During a winter event, maintain an average speed of traffic within **10** mph of normal speeds, **80%** of time.

Location	% Speeds within 10 mph			
	All Day	AM Peak(6-9)	PM Peak(3-7)	6am-6pm
Grand Region	74%	45%	67%	68%
US-127(Isabella Co.)	91%	82%	100%	89%
I-94(Jackson TSC)	79%	75%	80%	80%
I-94(Taylor TSC)	51%	41%	65%	58%
I-94(Marshall TSC)	68%	73%	57%	74%

Questions?

MDOT wants to deliver
outstanding customer service.
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