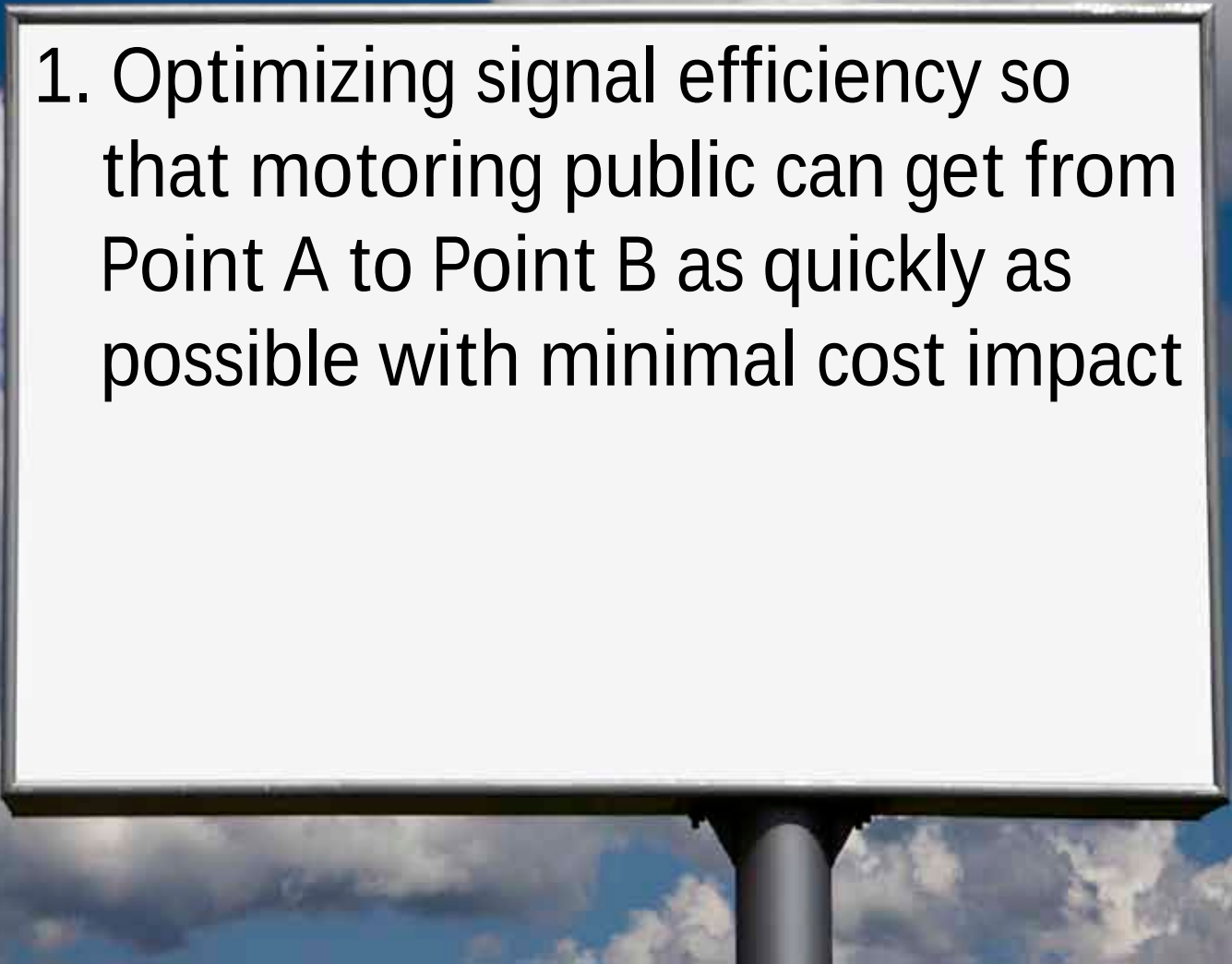


Active Traffic Signal Management Workshop

Traffic Signal Operations Definitions

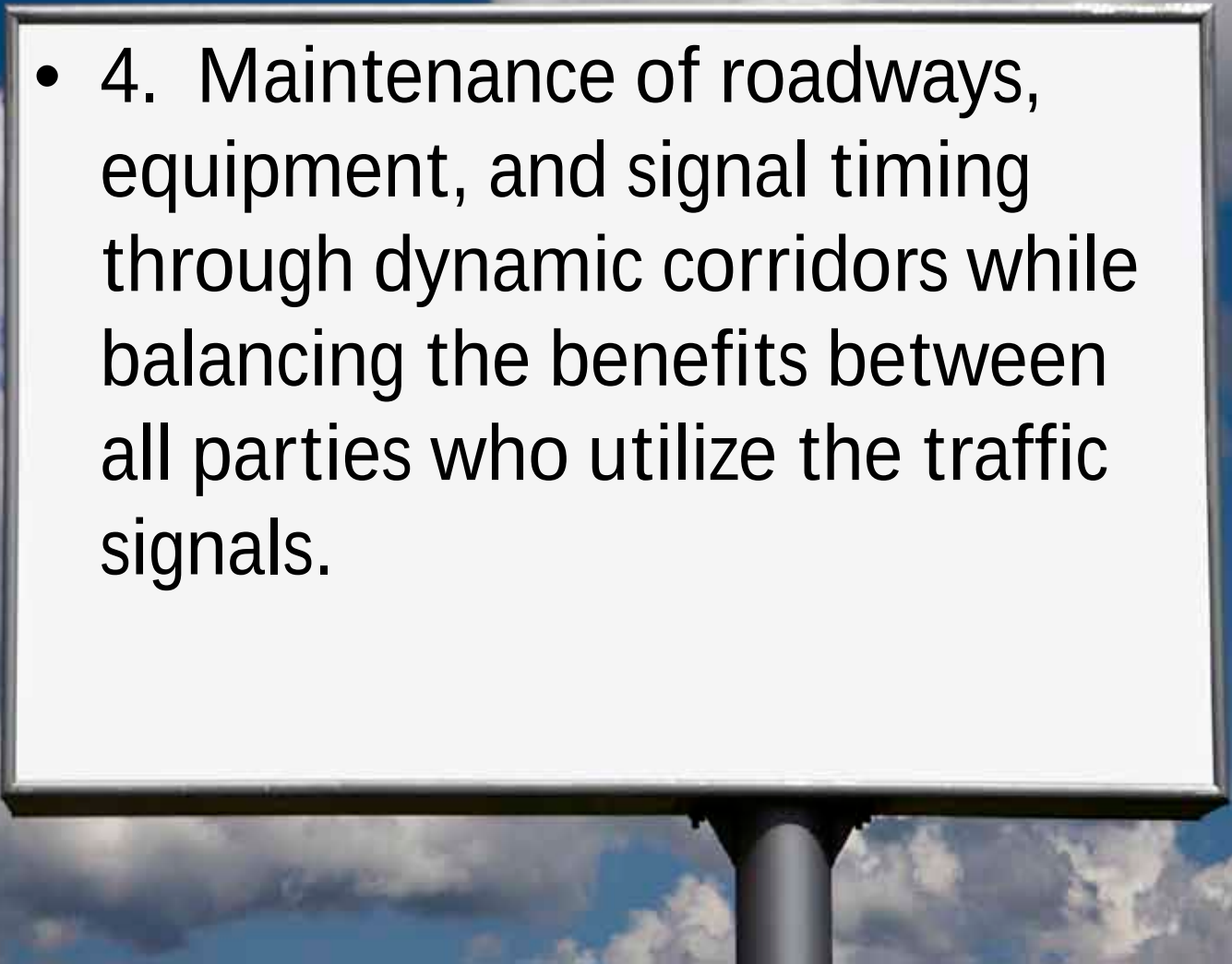




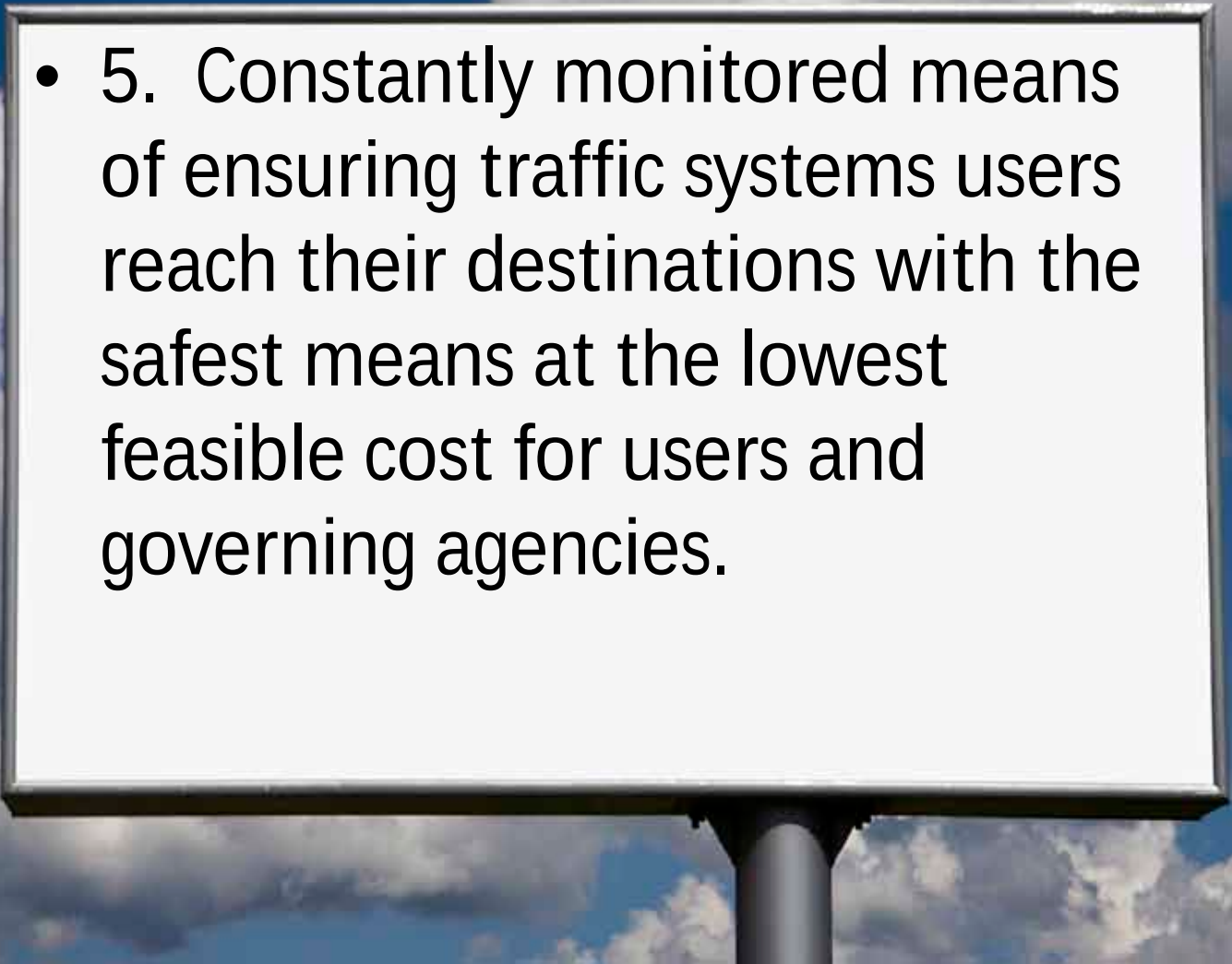
1. Optimizing signal efficiency so that motoring public can get from Point A to Point B as quickly as possible with minimal cost impact

- 2. Traffic signal operations is the optimization of traffic flows through the use of traffic control devices and derived systems of those devices.

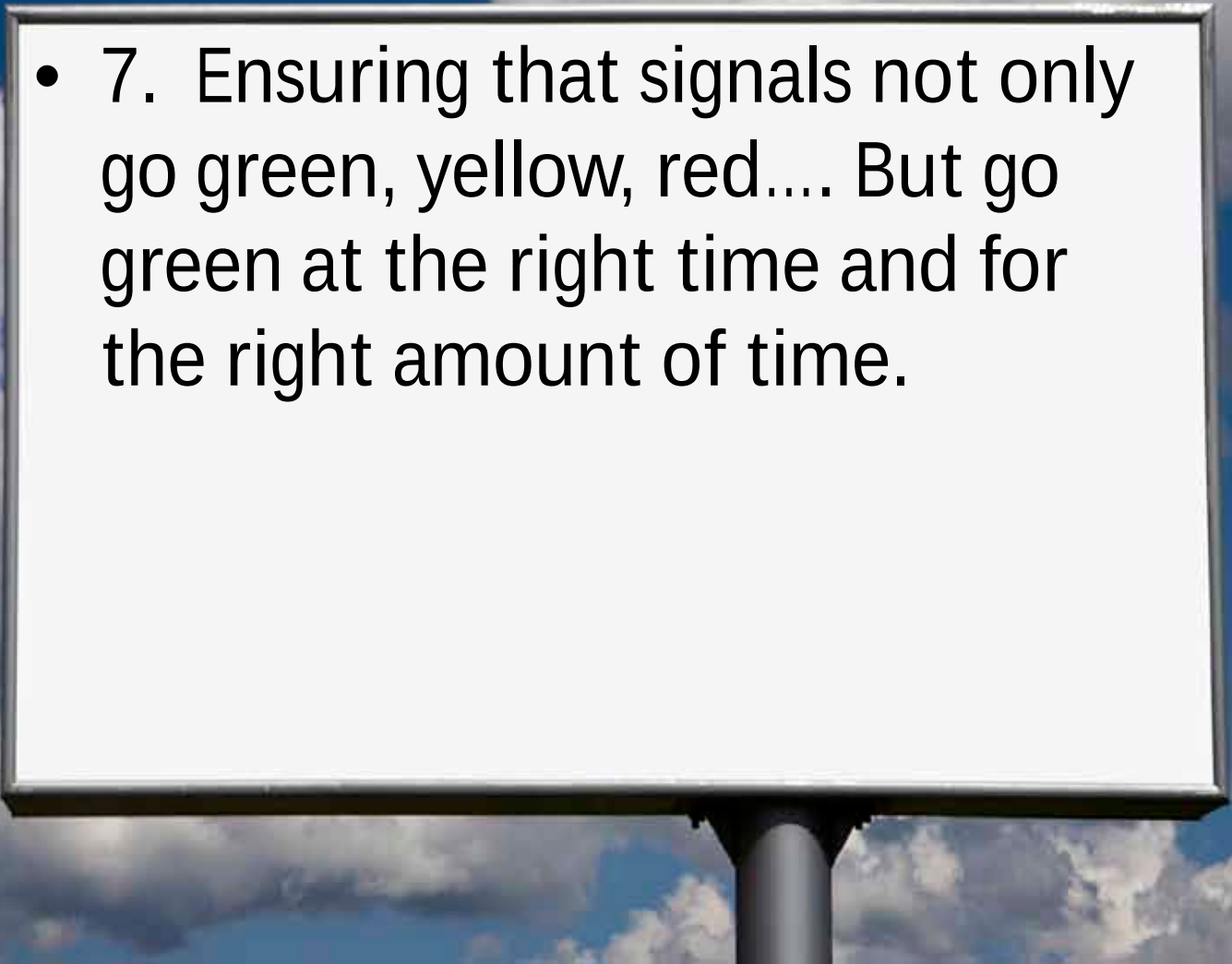
- 3. Alternative assignment of R/W at an intersection in an effective manner in order to safely move traffic, minimize delay, and meet traffic flow objectives.

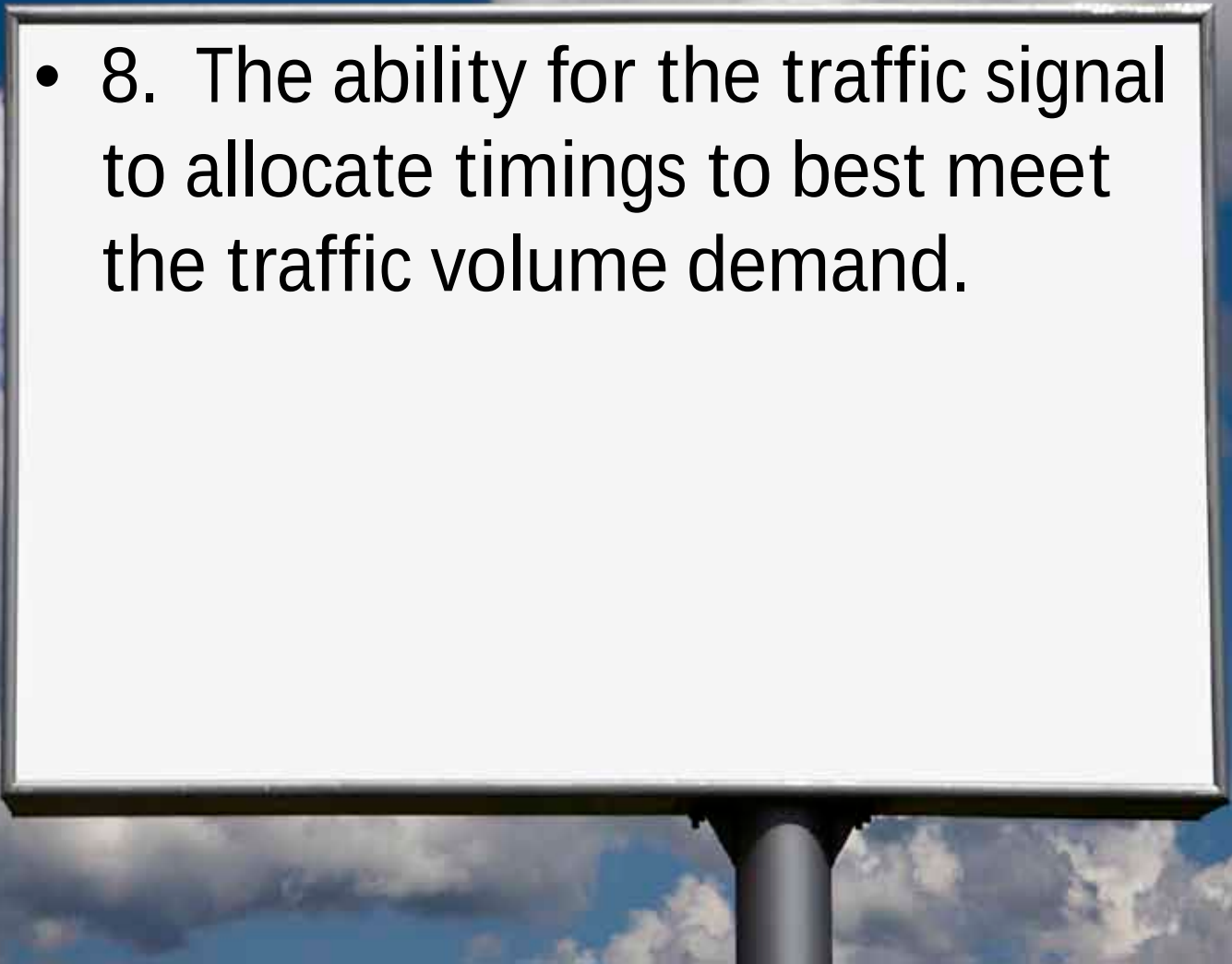
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- 4. Maintenance of roadways, equipment, and signal timing through dynamic corridors while balancing the benefits between all parties who utilize the traffic signals.

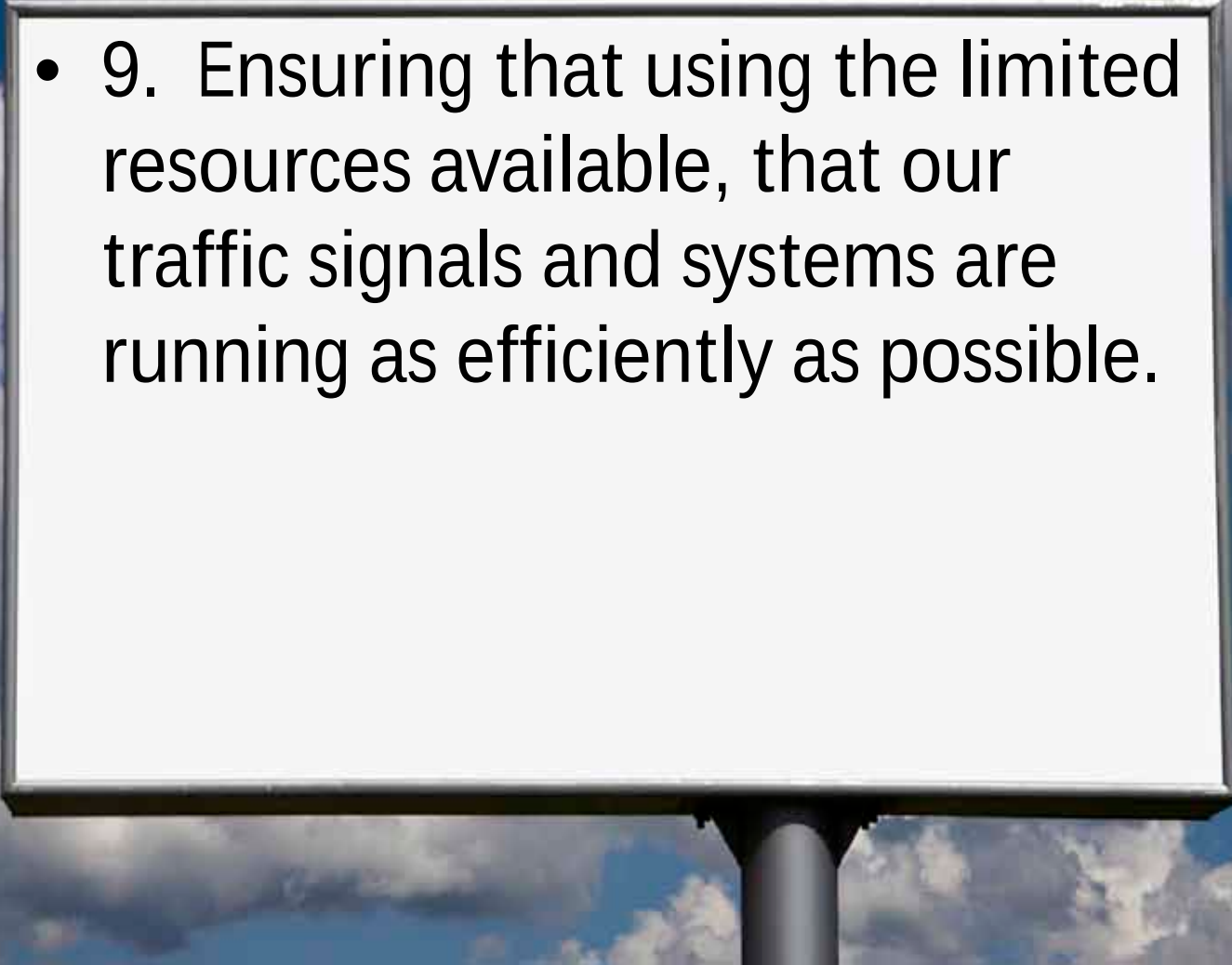
- 4. Coordination of multiple traffic signal systems working in conjunction with one another to create an efficient flow of traffic from point A to point B.

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- 5. Constantly monitored means of ensuring traffic systems users reach their destinations with the safest means at the lowest feasible cost for users and governing agencies.

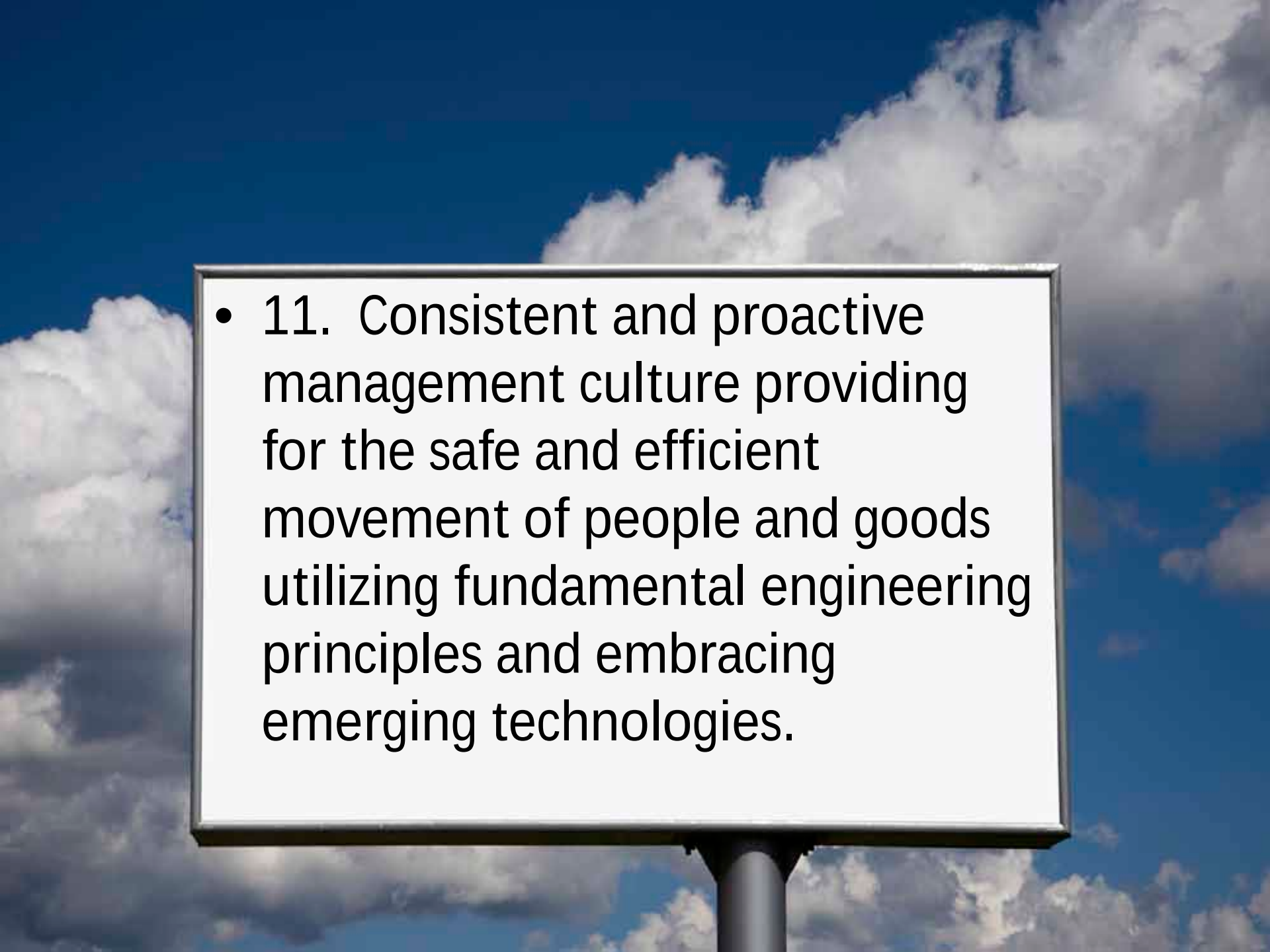
- 6. Minimize arterial traffic conflicts while maximizing traffic flow. Open Season on STI.

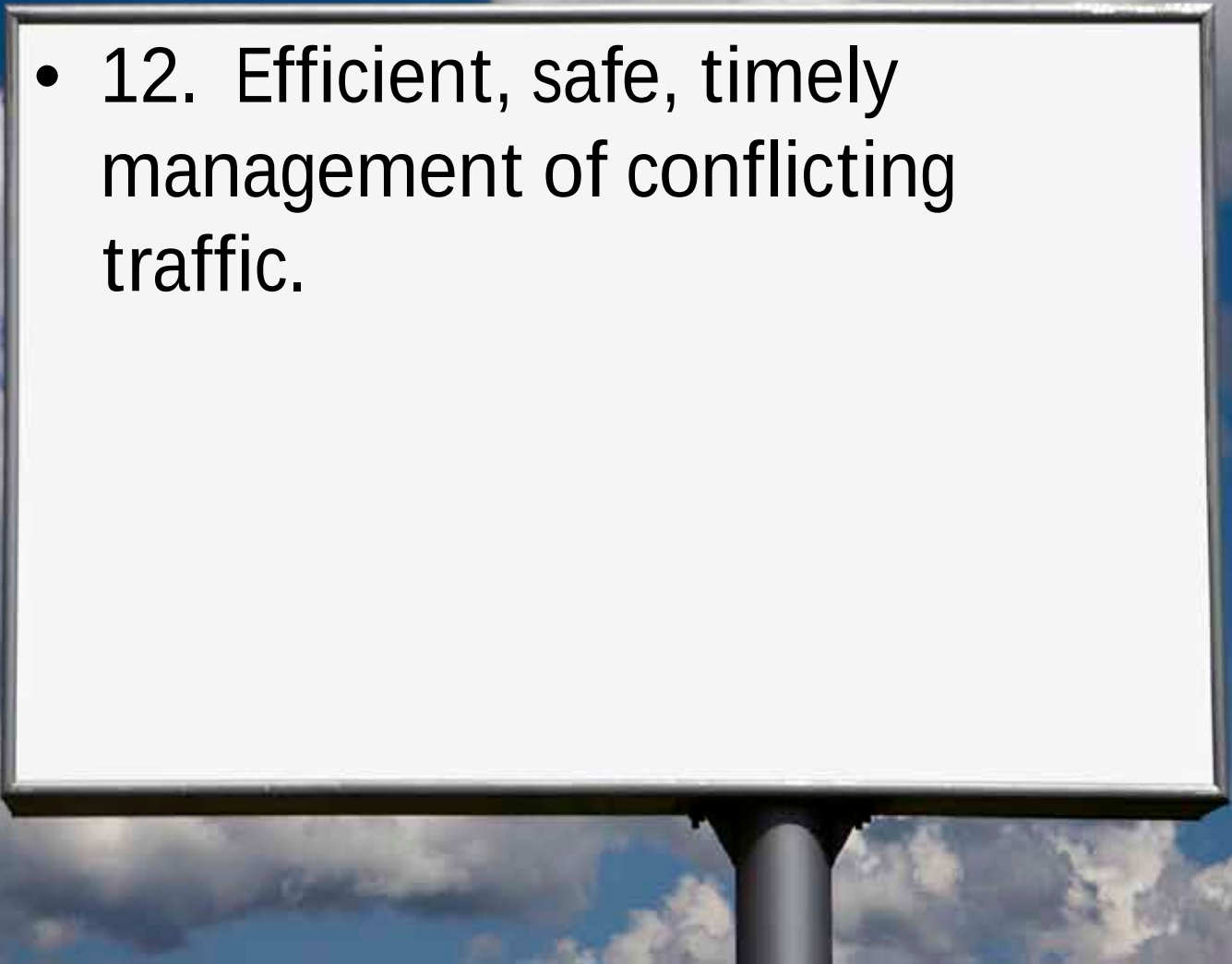
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- 7. Ensuring that signals not only go green, yellow, red.... But go green at the right time and for the right amount of time.

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- 8. The ability for the traffic signal to allocate timings to best meet the traffic volume demand.

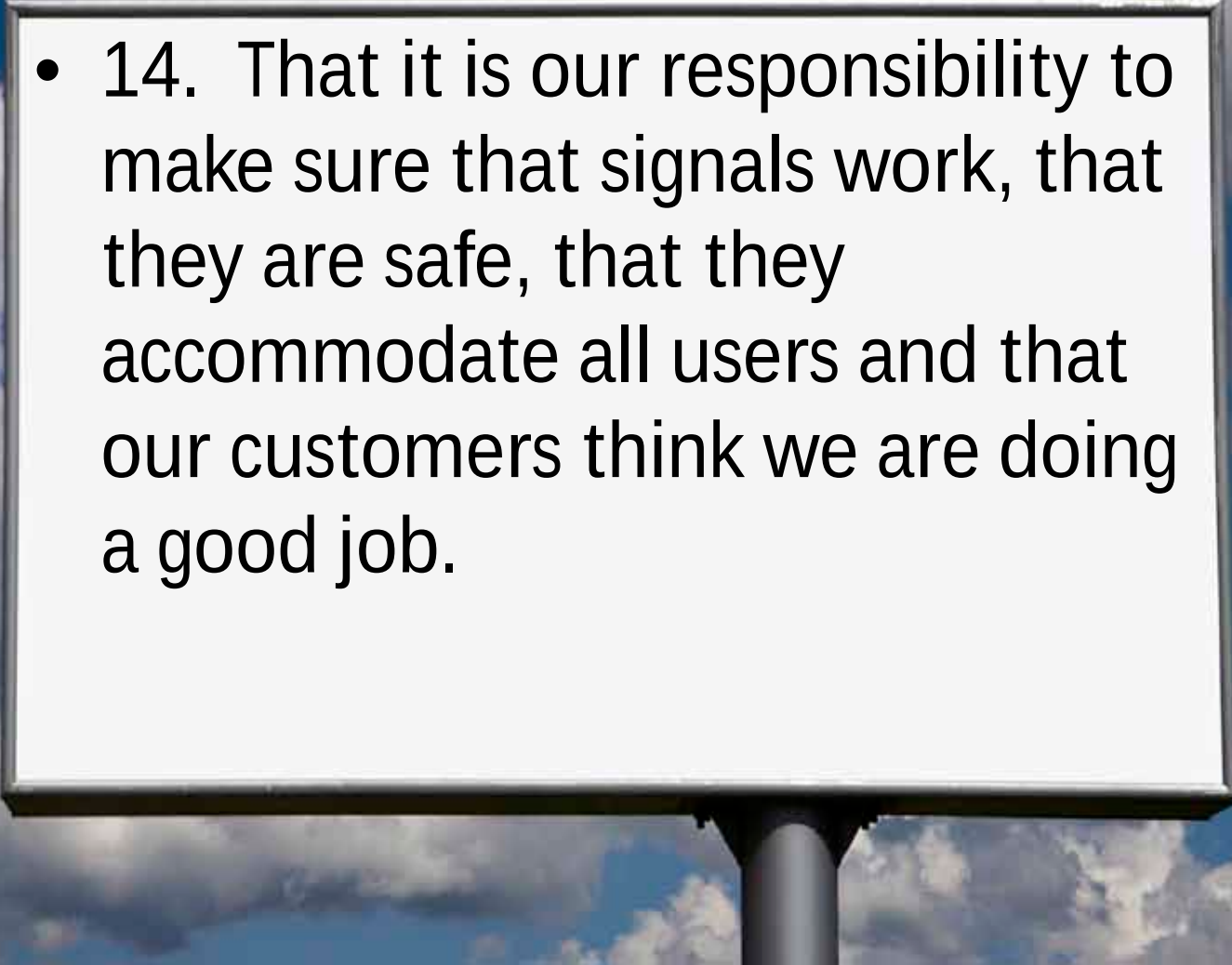
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- 9. Ensuring that using the limited resources available, that our traffic signals and systems are running as efficiently as possible.

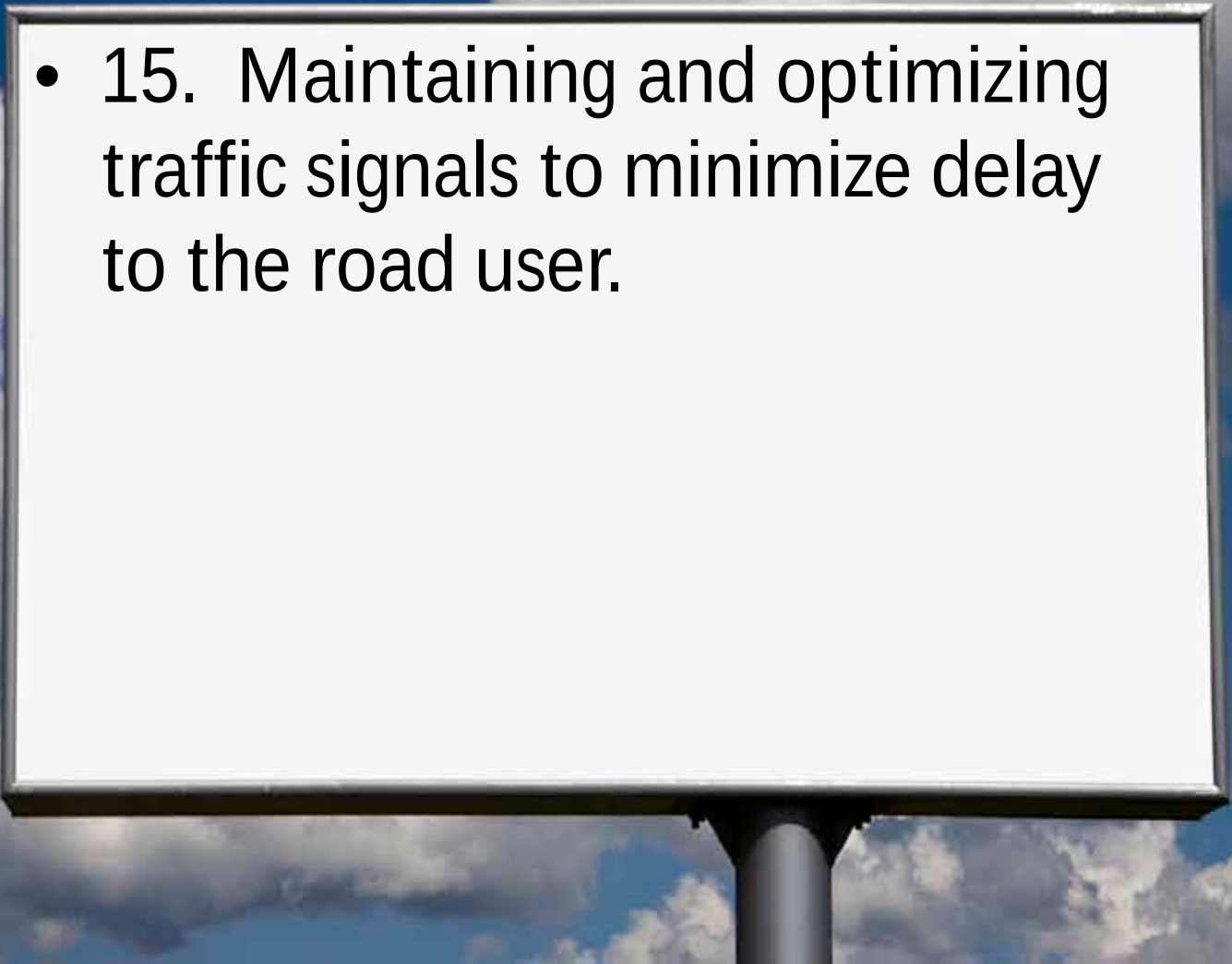
- 10. Management and monitoring of moving traffic as safely, efficiently as possible by monitoring arterial performance and optimizing signal control

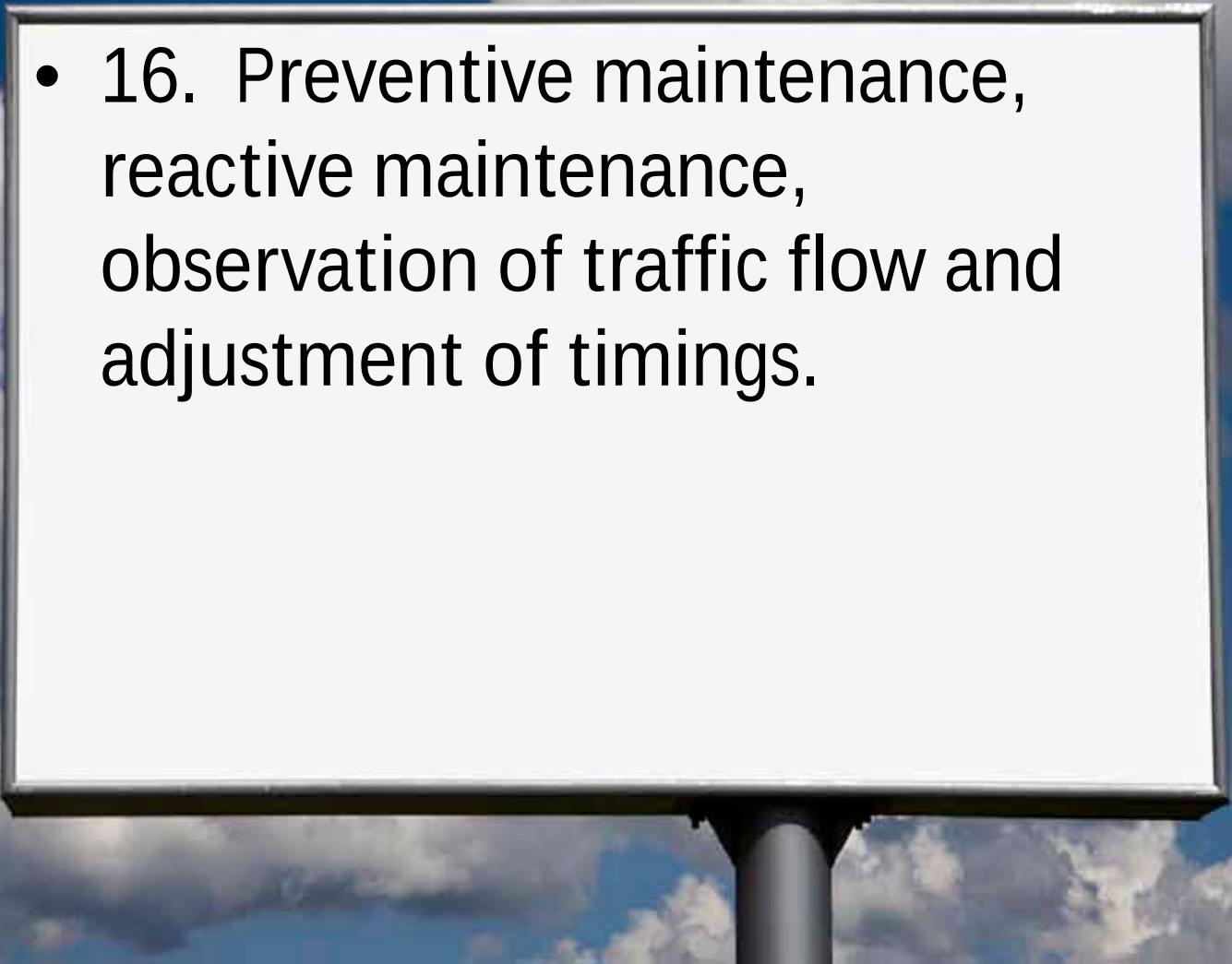
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- A signpost with a white rectangular sign is set against a bright blue sky filled with fluffy white clouds. The signpost is a dark, cylindrical pole. The sign itself is white with a thin black border and contains a single bullet point.
- 11. Consistent and proactive management culture providing for the safe and efficient movement of people and goods utilizing fundamental engineering principles and embracing emerging technologies.

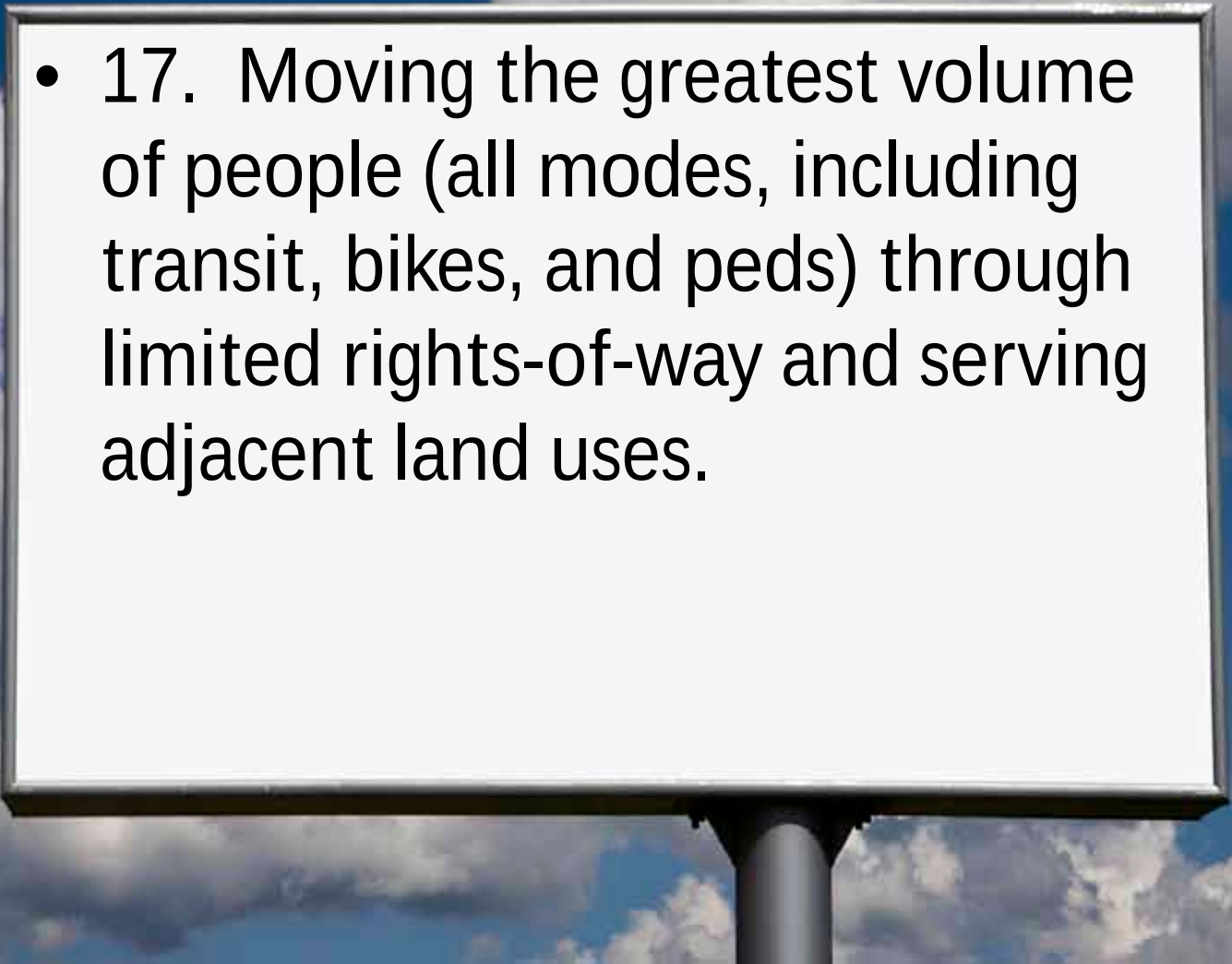
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- 12. Efficient, safe, timely management of conflicting traffic.

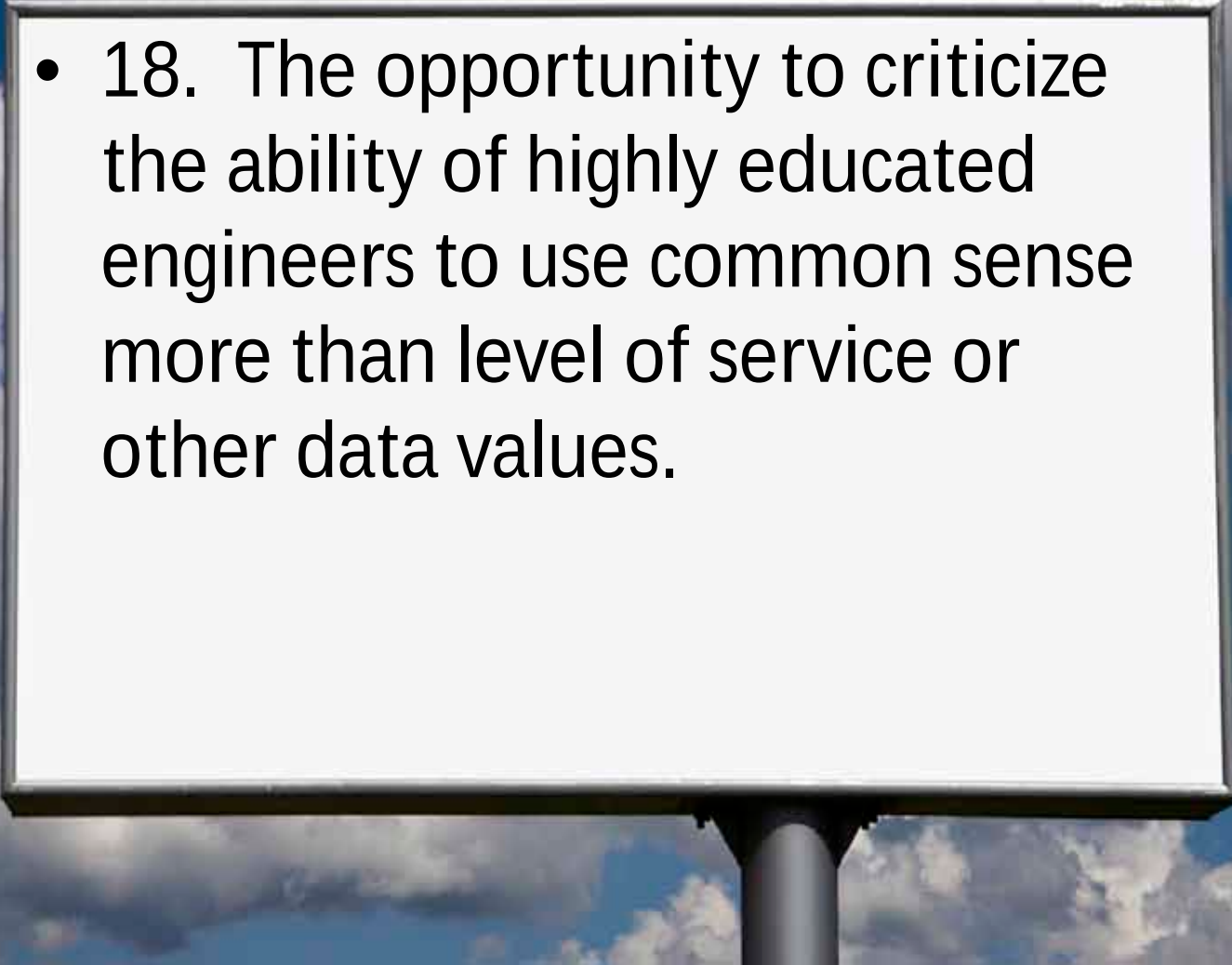
- 13. The management, maintenance, design, and control of a signal system to maximize throughput and minimize delay.

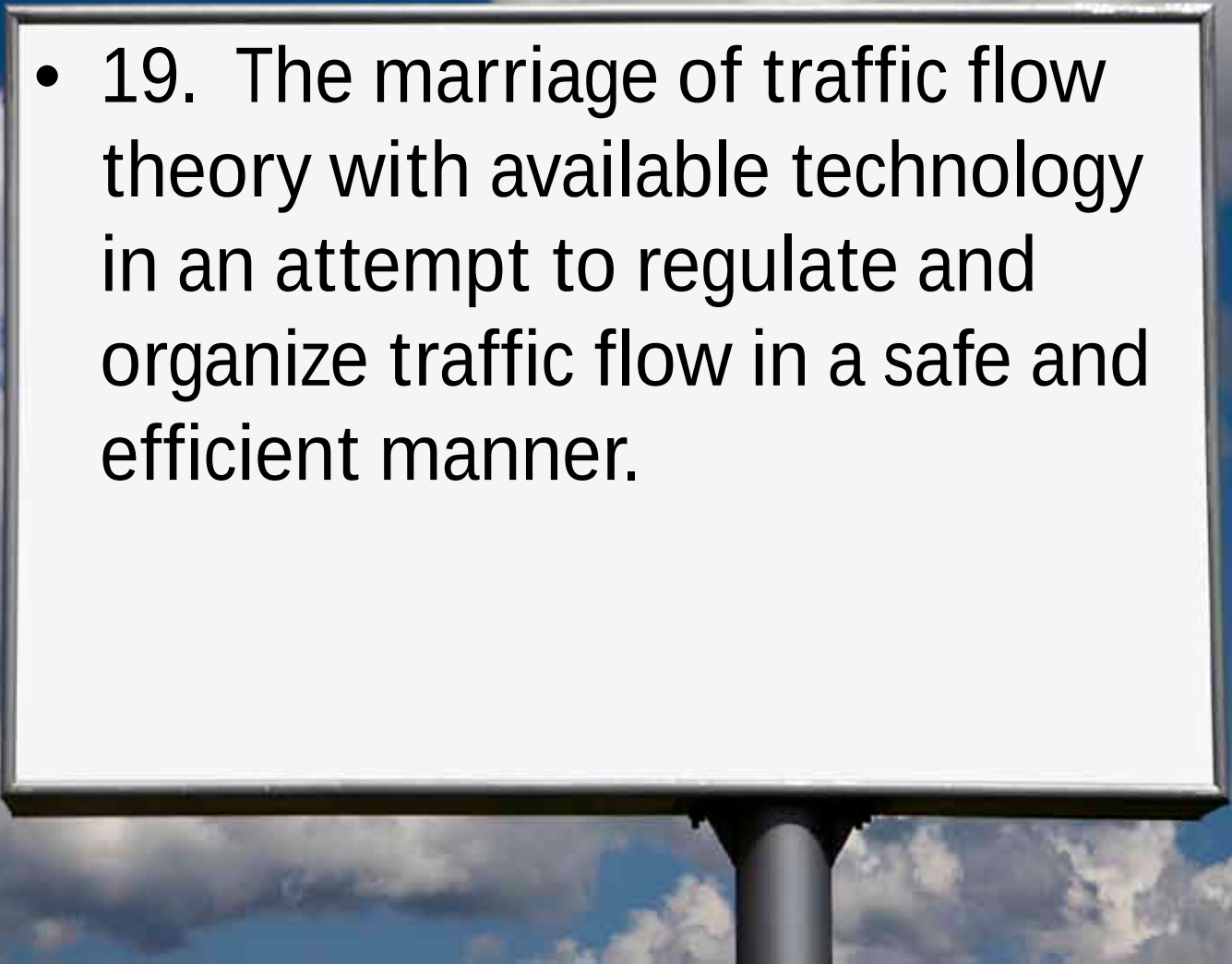
- 
- 14. That it is our responsibility to make sure that signals work, that they are safe, that they accommodate all users and that our customers think we are doing a good job.

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- 15. Maintaining and optimizing traffic signals to minimize delay to the road user.

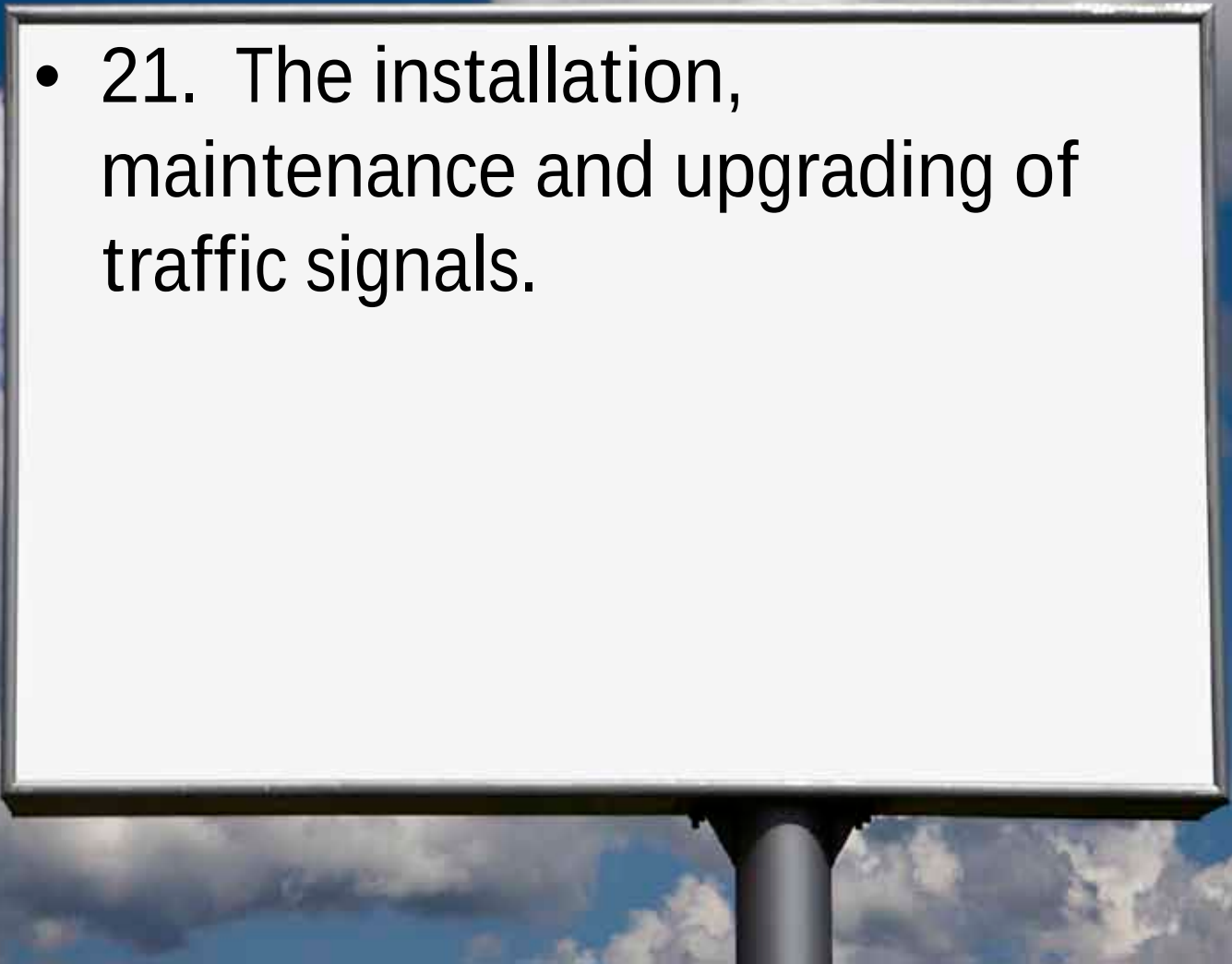
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- 16. Preventive maintenance, reactive maintenance, observation of traffic flow and adjustment of timings.

- 
- 17. Moving the greatest volume of people (all modes, including transit, bikes, and peds) through limited rights-of-way and serving adjacent land uses.

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- 18. The opportunity to criticize the ability of highly educated engineers to use common sense more than level of service or other data values.

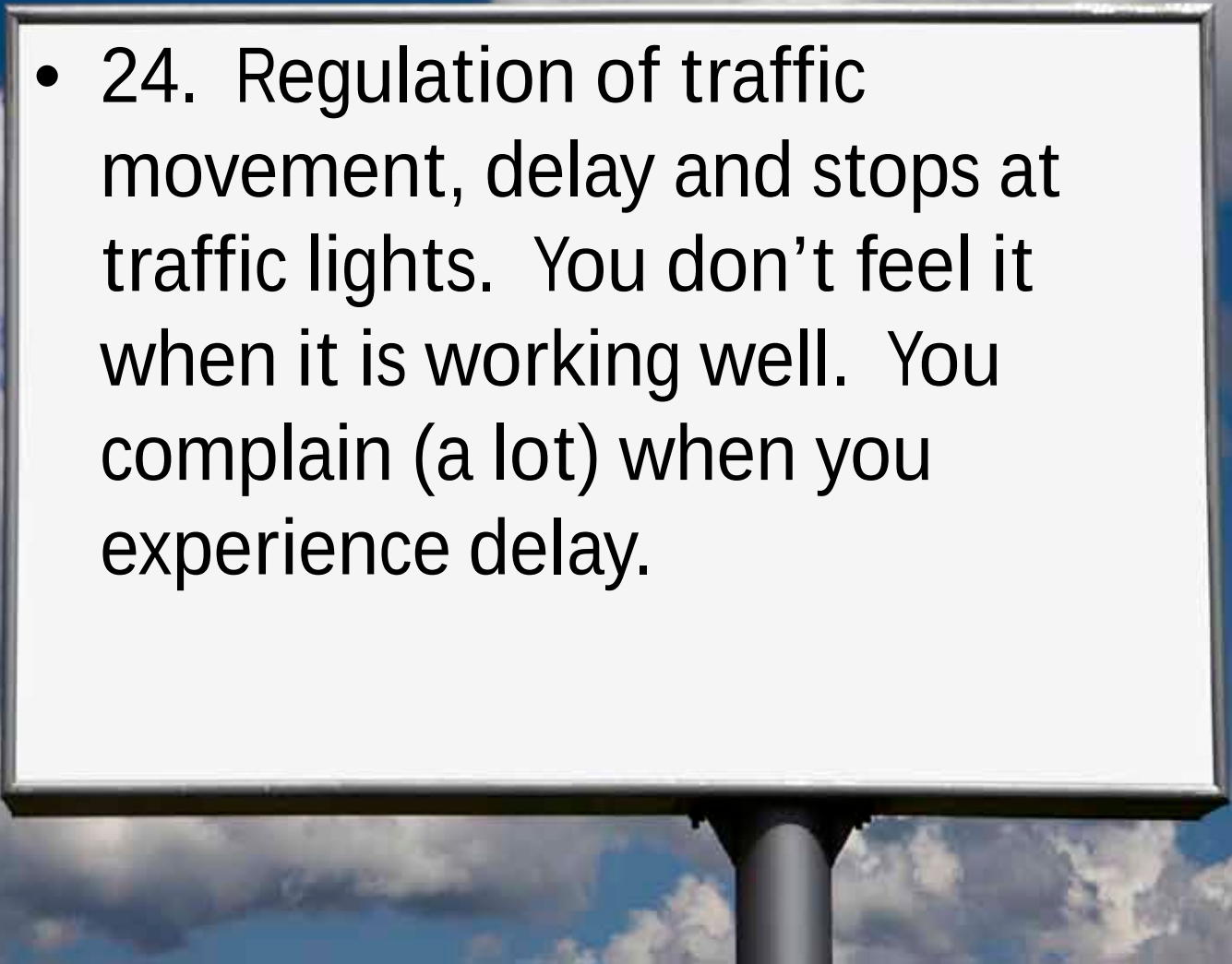
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- 19. The marriage of traffic flow theory with available technology in an attempt to regulate and organize traffic flow in a safe and efficient manner.

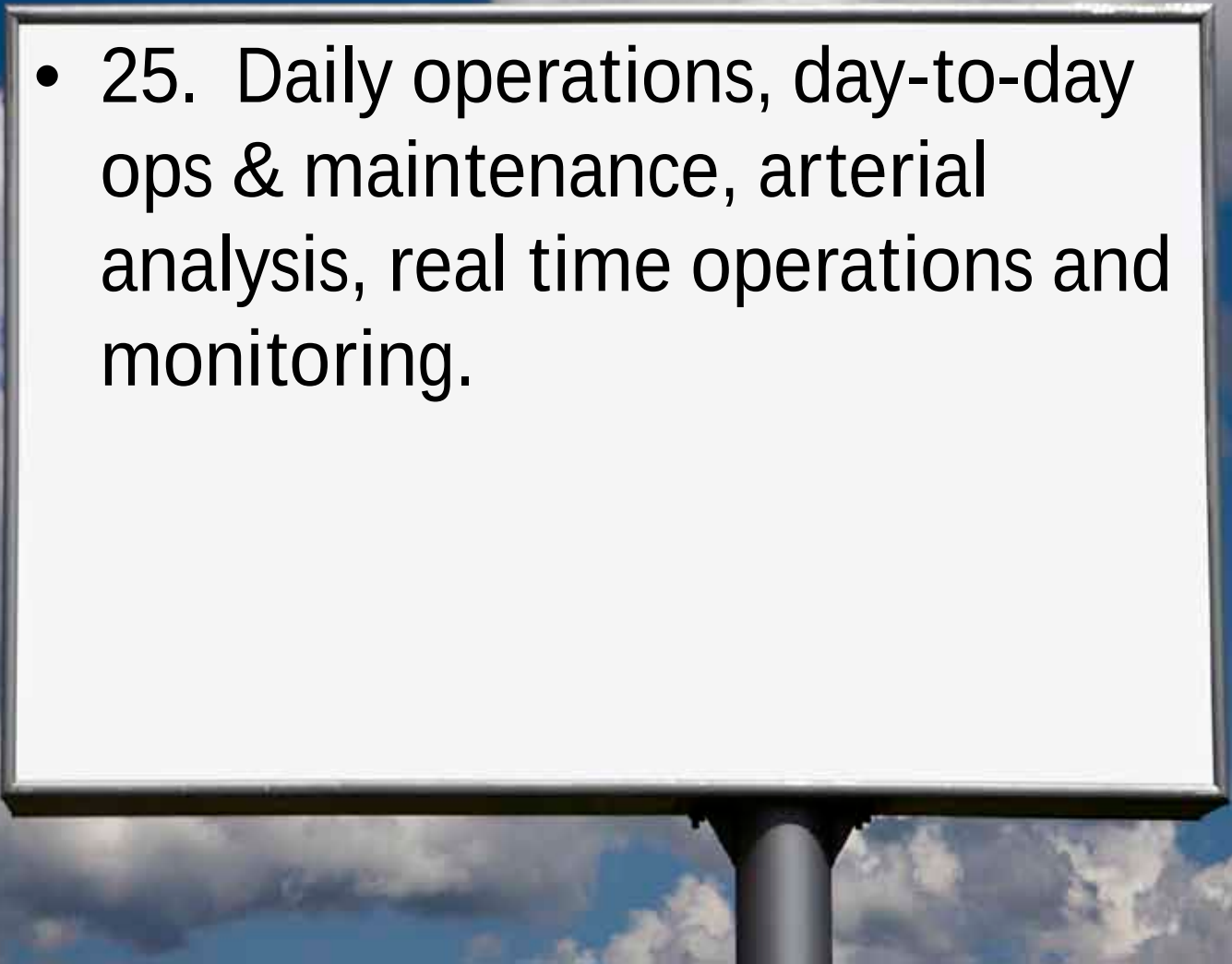
- 20. Consistent traffic flow from one end of a corridor to the other end. Traffic flow of a given platoon of vehicles should not be stopping at every single light. Traffic lights should be timed in accordance with the speed limit of the corridor.

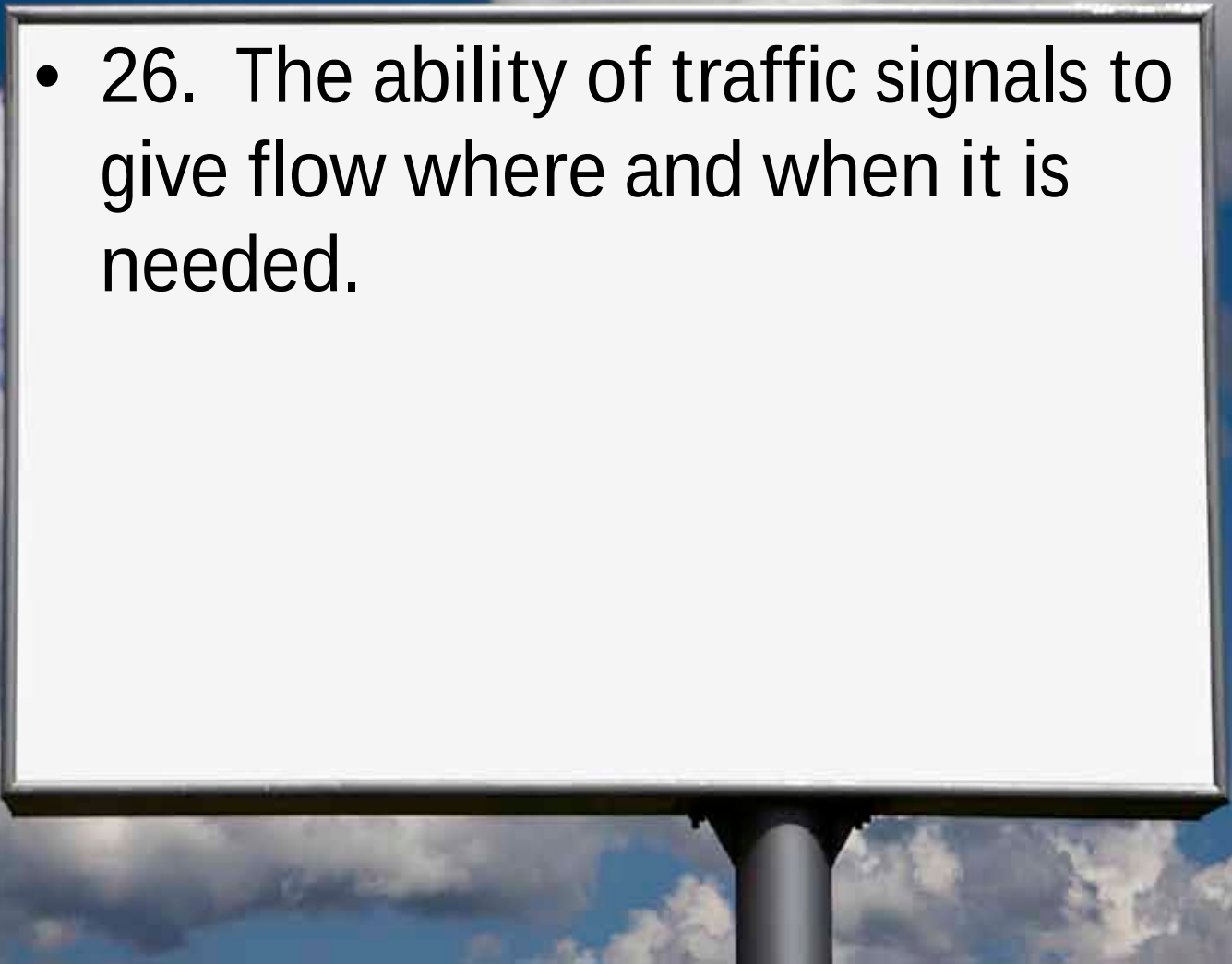
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- 21. The installation, maintenance and upgrading of traffic signals.

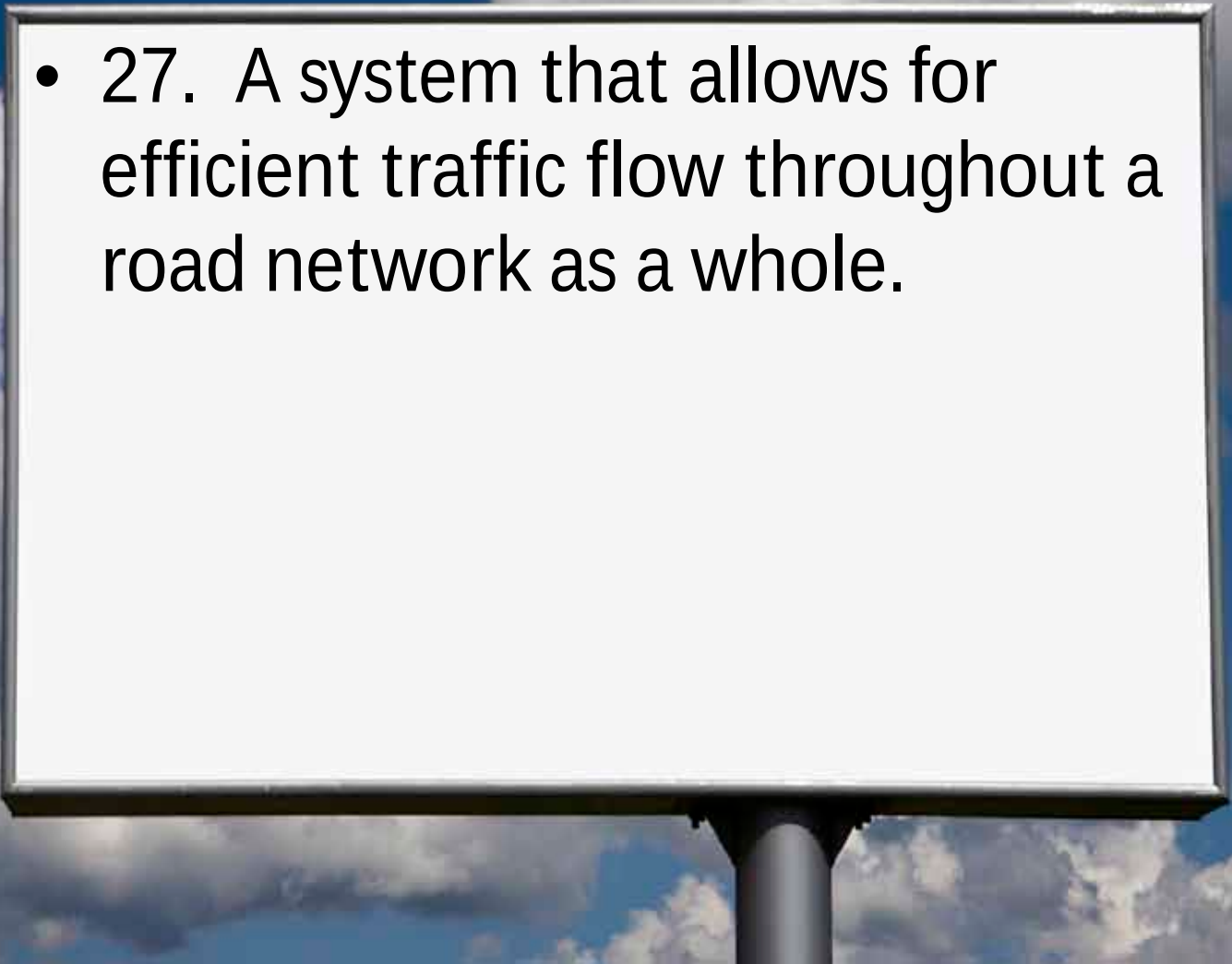
- 22. Mitigate existing congestion, anticipate future congestion, adapt and adopt best signal timing plan, instead of prioritize – aim at balancing, continuous process to identify, adapt, maintain progression, supported by enforcement.

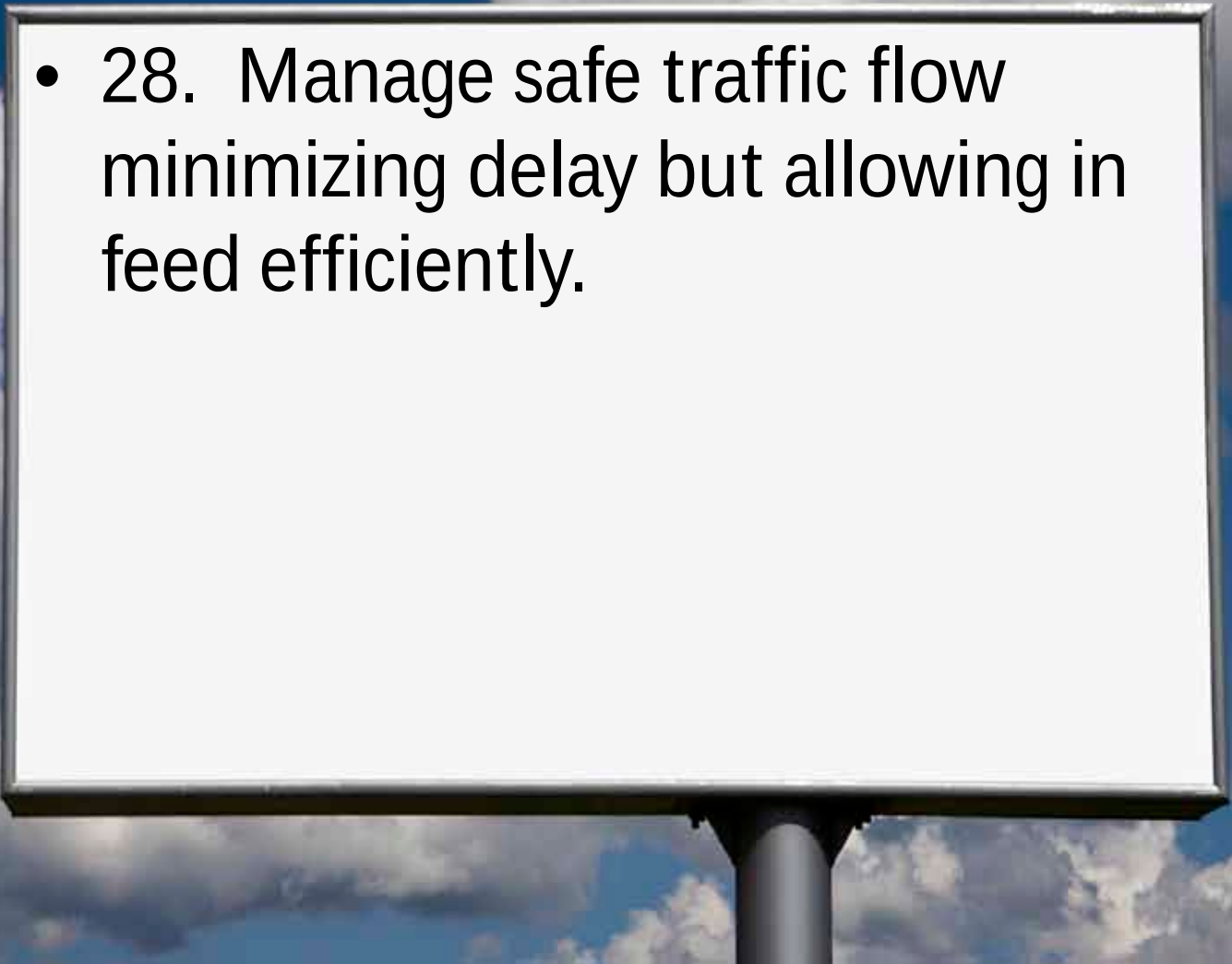
- 23. Traffic signal operations is the coordination of signals so you do not have to stop often once on a corridor. I really want traffic signal operations to eliminate bottlenecks and aid in keeping my commute time consistent.

- 
- 24. Regulation of traffic movement, delay and stops at traffic lights. You don't feel it when it is working well. You complain (a lot) when you experience delay.

- 
- 25. Daily operations, day-to-day ops & maintenance, arterial analysis, real time operations and monitoring.

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- 26. The ability of traffic signals to give flow where and when it is needed.

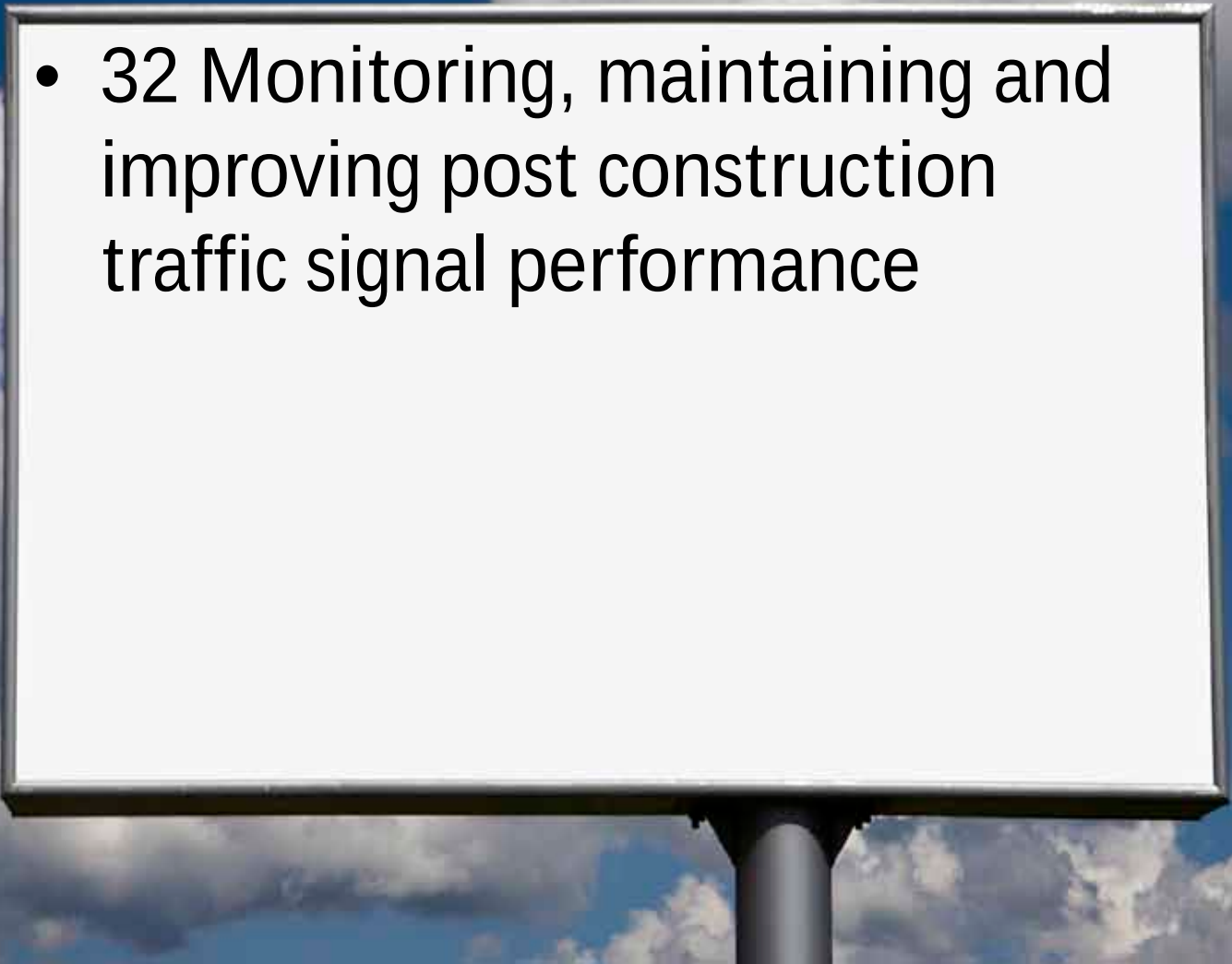
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- 27. A system that allows for efficient traffic flow throughout a road network as a whole.

- 
- 28. Manage safe traffic flow minimizing delay but allowing in feed efficiently.

- 29. Change the burnt out light when taxpayer reports broken.

- 30. If it works? Hands off!

I get to work on time. We have no delays.
Safe. No public complaints. No midnight
call-outs. State of the art, prepared for the
future. Reduction in idle time. More
capital dollars for upgrades. Responsive to
emergency situations, event traffic.
Counts cars. Prioritizes future capital
expenditures. Progression. Emission
reduction. Management and trouble
shooting simplified.

- 
- 32 Monitoring, maintaining and improving post construction traffic signal performance

- 33. The technology used to eliminate the conflict between vehicle/vehicle and vehicle/pedestrian. All this while motor vehicle technology (MVT) moves toward the elimination of the need for traffic signal operations. The smart car. Give me my coffee, IPAD then push home.