What to do with hazards...
Protect, Direct and Inform

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Purdue Road School

Accidents will never go away!

We all make mistakes
Road Safety is like a 3 legged stool

ALL 3 LEGS ARE NECESSARY
OR THE STOOL IS USELESS

The Three Legs of Roadway Safety Are:

The Driver

The Three Legs of Roadway Safety Are:

The Car

& The Road
Each leg is critical for roadway safety

The Driver
The Car
& The Road

If anyone of the legs is not safe...

The Driver
The Car
& The Road

The result could be a disaster!

Today we will focus on...

The Road

What to do with road hazards

Protect, Direct, Inform

Although 400,000 to 700,000 people are killed on the roads around the world each year, it takes the death of someone famous or close to you before anyone pays attention...
Approximately 1/3rd of these fatal accidents, are single vehicle, non-pedestrian accidents.
The satellite dish is safe, but what about this post?

What is this supposed to do?

If these sites are not properly treated...

...
The best solution is to **ELIMINATE THE HAZARD**

This could be the most expensive option ...

**BAD WEATHER, MECHANICAL PROBLEMS, ETC.**

**ACCORDING TO AASHTO** ...

The best solution is to **ELIMINATE THE HAZARD**

This could be the most expensive option ... especially on an existing road

**THAT'S THE PROBLEM!**

**SO WHAT CAN YOU DO ABOUT IT?**

**IF IT IS NOT POSSIBLE TO ELIMINATE THE HAZARD . . .**

**MOVE THE HAZARD AWAY FROM THE ROAD**

**MAKE THE HAZARD BREAKAWAY**
A breakaway device makes the rigid object less rigid, allowing the car to pass through.

If it's impossible to eliminate the hazard...

If it's impossible to move the hazard, and...

If it's impossible to make the hazard breakaway, then...

Protect Direct Inform
Protect: The motorist from the hazard
Direct: The motorist away from the hazard
Inform: The motorist of the hazard
A crash cushion is like a parachute for your car.

The first crash cushions were very simple.

The concept was improved.

Plastic replaced the steel.
MAINTENANCE DEPARTMENTS

LOVE THESE SYSTEMS!

Protect

What came first, the post or the terminal?

WHY?
A TOTAL waste of money!

What is this guardrail shielding?

WHY?

WHY?
For God's sake,
DRIVE CAREFULLY!