

# *Solar Revenge*

## *FLL 2008 Skit*

*By Madeline, Daniel and Curtis Copeland*

*Edited by Joel Pollen*

- Action:** Team walks in then stands off to one side with their boards ready. D.O.T. officers (Madeline and Joel) stand off to the other side ready to start scene #1. D.O.T. officers pretend to drive a car, and suddenly jolt forward as if they hit a pothole. (Joel is the one driving the car.)
- Madeline:** “Whoa watch out for that...oooff....pothole!”
- Joel:** “With all the freeze and thaw we’ve had lately, we sure have been getting a lot of potholes. And last year we went from 20° F to 80° F in just 24 hours! I wish we knew a better way to fix them.”
- Madeline:** “Maybe we’ll learn a better way at the tradeshow.”
- Joel:** “I hope this tradeshow will help, because we’ve been getting a lot of complaints about potholes.”
- Action:** Pothole Patrol gets ready while car drives up and parks at tradeshow. D.O.T. officers go to the first booth. Tyler and Teddy put EZ Street display board up. Both have Aussie accents. When display board is ready, Joel slowly reads EZ Street out loud.
- Joel:** “hi, we’re new D.O.T interns from Waukesha area, what’s this?”
- Joel:** “EZ Street..... what is EZ Street?”
- Teddy:** “EZ Street is a company that makes bags full of cold polymer asphalt, mate.”
- Madeline:** “What is cold polymer asphalt?”
- Tyler:** “Cold polymer asphalt is a special blend of asphalt that is popular Down Under and that is laid without being heated. EZ street can even be laid in a pothole filled with water!
- Joel:** “Wow, EZ Street sounds great! But how long does it last?”
- Teddy:** “Normally, cold asphalt must be replaced with hot asphalt later in the year. EZ Street lasts for 7 years, though, and doesn’t have to be replaced with hot asphalt.”

**Madeline:** “This sounds like the perfect solution for fixing potholes! Why don’t we *pave* roads with it instead of just patching them?”

**Tyler:** “Because it isn’t very cost-effective to pave a whole road or highway with it, but it’s great for filling in small patches.”

**Joel:** “It sounds like a great way to fix potholes.”

**Madeline:** “Thanks for your time, now we know a better way to fix potholes.”

**Teddy:** “You’re welcome.”

*Action:* D.O.T. officers pretend to walk to next booth (ISC.) Meanwhile, Tyler and Teddy take down their display board, and Daniel and Curtis put up theirs. When display board is ready, Joel and Madeline walk up.

**Curtis:** “Don’t listen to those kangaroos. Are you ready to learn how to *prevent* potholes?”

**Joel:** “We’re ready to learn if you’re ready to teach us.”

**Curtis:** “Alright then, let’s get started.”

**Daniel:** “We’re here representing Interstate Sealant & Concrete. We’re going to tell you about building better roads.”

**Curtis:** “To prevent potholes, we need to build better roads. To do that, we could raise them higher than the ground around them, and dig trenches along the side of the road to insure better drainage so that the water won’t seep up under the road and cause cracks.

**Daniel:** “Also, we could build thicker and stronger roads, so that they are more durable.” If you build better quality roads, they will last longer and save you money in the long run.

**Curtis:** “As you might guess from our name, Interstate Sealant and Concrete mostly seals joints in concrete roads and cracks in asphalt. We inject an epoxy resin into cracks in the concrete. This injection has proven to be a permanent fix.”

**Madeline:** “Thanks, this has been very educational.”

**Daniel + Curtis:** “You’re welcome.”

**Daniel:** “I’m glad you found this to be helpful.”

*Action:* D.O.T. officers pretend to walk over to the next booth, Pothole Patrol. Meanwhile, Tyler and Teddy take down the EZ Street board.

**Hannah:** “Hello, welcome to Pothole Patrol.”

**Madeline:** “What is Pothole Patrol?”

**Andrew:** “Pothole Patrol is a brand new marketing organization developed by a 4-H Lego League team called Solar Revenge—

**Madeline:** Wait, what First Lego League team??

**All:** SOLAR REVENGE!!

**Joel:** Uhh....that was weird...?

**Andrew:** Anyway, *Pothole Patrol* helps your city to raise public awareness about pothole prevention. We try to get people to report them before they form.”

**Joel:** “Why would the community want to go to the trouble of reporting potholes?”

**Hannah:** “The poor road conditions in southeastern Wisconsin cost motorists about \$447 per year in extra repairs, tire wear, and shortened automobile lifetime.

**Andrew:** Besides, if someone drove over a pothole every day, don’t you think they’d want to report it?

**Madeline:** “How does Pothole Patrol help get the community involved?”

**Andrew:** We help your city to create a campaign that includes advertisements on TV and radio, billboards, signs at gas pumps and notices on people’s tax bills telling them that they can report potholes to *Pothole Patrol*.

**Joel:** “How do people know when a pothole is forming and where should they report it to?”

*Action:* Hannah points to pothole graph on display board

**Hannah:** “Here in Wisconsin, we get a lot of freeze and thaw which damages concrete and asphalt, causing cracks which then form potholes. Potholes can also

form when water gets beneath the road and weakens the foundation, causing it to collapse. Heavy salt use around here also breaks apart the asphalt, causing wear on the road surface.”

**Andrew:** “If someone sees a crack or a small pothole in the pavement, they should contact your new Pothole Patrol center either by phone, text messaging, or by visiting your new Pothole Patrol website.”

**Madeline:** “Thank you for telling us about Pothole Patrol it sounds like a great way to get the community involved in pothole repair.”

*Action:* Daniel and Curtis take down display board while Madeline and Joel walk back to their car, talking.

**Joel:** “That was very educational, I’m glad we came. All these tips should be a great help to our department.”

**Madeline:** “Yes, we know how to fix potholes faster and easier, and how to prevent them in the first place, so we don’t get so many complaints.”

*Action:* Madeline and Joel finish walking to car.